

July | 2022



California Department of  
**State Hospitals**

# VIOLENCE REPORT

## DSH HOSPITAL VIOLENCE 2010 - 2020



**DATA ANALYSIS**

SAFETY  
TREATMENT  
RESPONSIBILITY

## Contents

<b>Commonly Used Abbreviations and Acronyms.....</b>	<b>5</b>
<b>Comments from the director .....</b>	<b>6</b>
<b>Section I: Executive Summary .....</b>	<b>8</b>
<b>Section II: Overview of Violence Data .....</b>	<b>12</b>
A. Temporary Census Reduction due to COVID-19 .....	12
B. Summary of Yearly Population Increases at DSH.....	13
C. Yearly Rates of Patient and Staff Assaults.....	15
D. Staff Assault: Drill Down into “Contact Made” and “Contact Attempted” .....	17
<b>Section III. Special Topics in Violence at State Hospitals.....</b>	<b>20</b>
A. Admission to a State Hospital is a Time of Increased Risk for Violence.....	20
B. Violent Patients Typically Have Repeated Episodes of Violence.....	23
C. Violent Patients Have a Longer Length of Stay .....	24
D. Increased Length of Hospitalization for More Violent Patients Results in Higher Percentage of These Dangerous Patients Residing in the Hospitals .....	25
<b>Section IV. Hospital Rates of Violence .....</b>	<b>27</b>
A. DSH-Atascadero .....	27
B. DSH-Coalinga.....	31
C. DSH-Metropolitan .....	35
D. DSH-Napa.....	39
E. DSH-Patton .....	43
<b>Section V: Number of Individual (Unique) Patient Aggressors .....</b>	<b>47</b>
A. Patients and Aggressors in 2020.....	47
<b>Section VI: Patient Injury Severity Data.....</b>	<b>49</b>
A. Patient Victim Injuries Suffered During Assaults.....	50
<b>Section VII: Number of Patients with 10 or More Assaults per Year.....</b>	<b>56</b>
A. Patients with 10 or More Aggressive Acts in a Single Year .....	56
B. Patients with 10 or More Aggressive Acts Two Years in a Row.....	58
C. Patients with 10 or More Violent Acts, For Any Two, Three Year Period, or up to 10 Years .....	59
<b>Section VIII: In-Depth Analysis of Monthly Violence Data .....</b>	<b>60</b>
A. Monthly Violence Rates Across DSH Overall.....	60

Monthly Rates of Assaults.....	60
Monthly Rates of Assaults: Trend.....	61
<b>B. Overall DSH Rates of Violence, By Legal Class .....</b>	<b>71</b>
DSH Rates of Violence: IST's .....	72
DSH Rates of Violence: LPS's.....	76
DSH Rates of Violence: OMD's.....	80
DSH Rates of Violence: NGRI's.....	84
DSH Rates of Violence: CDCR's.....	88
DSH Rates of Violence: SVP's .....	92
<b>Appendices .....</b>	<b>96</b>
<b>Appendix A: DSH-Atascadero .....</b>	<b>97</b>
<b>DSH-Atascadero Monthly ADC, By Legal Commitment.....</b>	<b>98</b>
<b>Rates of Violence at DSH-Atascadero .....</b>	<b>102</b>
Yearly Rates .....	102
Monthly Rates.....	106
Trend of Monthly Rates.....	107
DSH-Atascadero IST's .....	112
DSH-Atascadero OMD's.....	118
DSH-Atascadero CDCR's.....	130
<b>Appendix B: DSH-Coalinga .....</b>	<b>136</b>
<b>DSH-Coalinga Monthly ADC, By Legal Commitment.....</b>	<b>137</b>
<b>Rates of Violence at DSH-Coalinga.....</b>	<b>141</b>
Yearly Rates .....	141
Monthly Rates.....	145
Trend of Monthly Rates.....	146
<b>Violence Rates by Major Legal Classes.....</b>	<b>151</b>
DSH-Coalinga OMD's.....	151
DSH-Coalinga SVP's .....	163
<b>Appendix C: DSH-Metropolitan.....</b>	<b>169</b>
<b>DSH-Metropolitan Monthly ADC, By Legal Commitment .....</b>	<b>170</b>
<b>Rates of Violence at DSH-Metropolitan.....</b>	<b>174</b>
Yearly Rates .....	174
Monthly Rates.....	178

<b>Trend of Monthly Rates</b> .....	179
<b>Violence Rates by Major Legal Classes</b> .....	184
<b>DSH-Metropolitan IST's</b> .....	184
<b>DSH-Metropolitan LPS's</b> .....	190
<b>DSH-Metropolitan OMD's</b> .....	196
<b>DSH-Metropolitan NGRI's</b> .....	202
<b>Appendix D: DSH-Napa</b> .....	<b>208</b>
<b>DSH-Napa Monthly ADC, By Legal Commitment</b> .....	209
<b>Rates of Violence at DSH-Napa</b> .....	213
<b>Yearly Rates</b> .....	213
<b>Monthly Rates</b> .....	217
<b>Trend of Monthly Rates</b> .....	218
<b>DSH-Napa IST's</b> .....	223
<b>DSH-Napa LPS's</b> .....	229
<b>DSH-Napa OMD's</b> .....	235
<b>DSH-Napa NGRI's</b> .....	241
<b>DSH-Patton Monthly ADC, By Legal Commitment</b> .....	248
<b>Rates of Violence at DSH-Patton</b> .....	252
<b>Yearly Rates</b> .....	252
<b>Monthly Rates</b> .....	256
<b>Trend of Monthly Rates</b> .....	257
<b>Violence Rates by Major Legal Classes</b> .....	262
<b>DSH-Patton IST's</b> .....	262
<b>DSH-Patton OMD's</b> .....	274
<b>DSH-Patton NGRI's</b> .....	280
<b>Appendix F Number of individual (Unique) Patient Aggressors</b> .....	<b>287</b>
A. Patients and Aggressors in 2010.....	287
B. Patients and Aggressors in 2011.....	289
C. Patients and Aggressors in 2012.....	291
D. Patients and Aggressors in 2013.....	293
E. Patients and Aggressors in 2014.....	295
F. Patients and Aggressors in 2015.....	297
G. Patients and Aggressors in 2016.....	299

H. Patients and Aggressors in 2017.....	301
I. Patients and Aggressors in 2018.....	303
J. Patients and Aggressors in 2019.....	306
<b>Appendix G: Glossary of Legal Terms for Patient Commitments .....</b>	<b>308</b>
<b>Appendix H: Brief Description of General Methodology .....</b>	<b>310</b>
<b>Appendix I: Methodology of Trends of Monthly Rates.....</b>	<b>311</b>

**COMMONLY USED ABBREVIATIONS AND ACRONYMS**

For a full list, as well as a listing of the relevant statues 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 (PCI 370)
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

Safety for our patients and team members is a top priority at the Department of State Hospitals (DSH). The Department's vision, mission, goals, and core values all reflect this priority and help guide our team to keep safety at the forefront of the work we do. The "2021 Violence Report: DSH Hospital Violence 2010-2020" represents *ten years* of data collection and analysis of patient aggression across our hospital system. This data project has helped DSH to better understand how, when, and where violence occurs at our state hospitals. More importantly, this report and subsequent editions have informed and supported significant changes that help to create safer hospital environments. Those changes include the 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 education, consultation, 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.
- Cognitive Rehabilitation to mitigate frequent impulsive aggression
- 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.

In 2020, the COVID-19 pandemic dramatically increased the challenges we face in serving our patients, changed how we provide treatment, and impacted our census and admission rates, which can all have an impact on patient acuity and violence rates across our system. Throughout it all, our team members rose to every challenge and continued striving towards our vision of caring today for a safe and healthy tomorrow. As the pandemic evolves over time, we anticipate the impact on the rates of violence will also continue to shift. Because of their dedication, hard work, and sacrifice DSH continues to see declines in violence and reminds us of the critical importance of continuing our efforts. 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

With the COVID-19 pandemic prominent throughout 2020, the Department of State Hospital’s (DSH) five freestanding hospitals treated a total of 8,531 unique patients. While this was a 20% drop in the count of unique patients, the Average Daily Census (ADC) at the hospitals only decreased 5.2% from the year before (overall 2019 ADC of 6,162, compared to overall 2020 ADC of 5,841).

As with previous years, most patients treated in 2020 were not violent during this period (shown in green in Figure I.1, about 78.5% of all patients treated). The remaining 21.5% of treated patients committed an act of physical violence in 2020 while hospitalized, either against another patient or a staff member. Of the violent patients, a very small number (n=125; 1.47% of total patients) had 10 or more violent acts during 2020 (designated as “repeatedly violent patients”). These 125 repeatedly violent patients were responsible for 42.7% of all the assaults on both patients and staff during 2020.

[Section II.1](#) presents the violence totals and then integrates these totals with the patient census data to provide information using standardized units: violence rates per 1000 patient days. This allows for easier comparison across facilities and commitment types.

The body of this report will also present aggregate information on patient aggressors and victims and examine assault injury severity 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](#). The report then presents data on the monthly rates of violence by patient commitment, hospital, and then (in the appendices) by hospital and patient legal commitment.

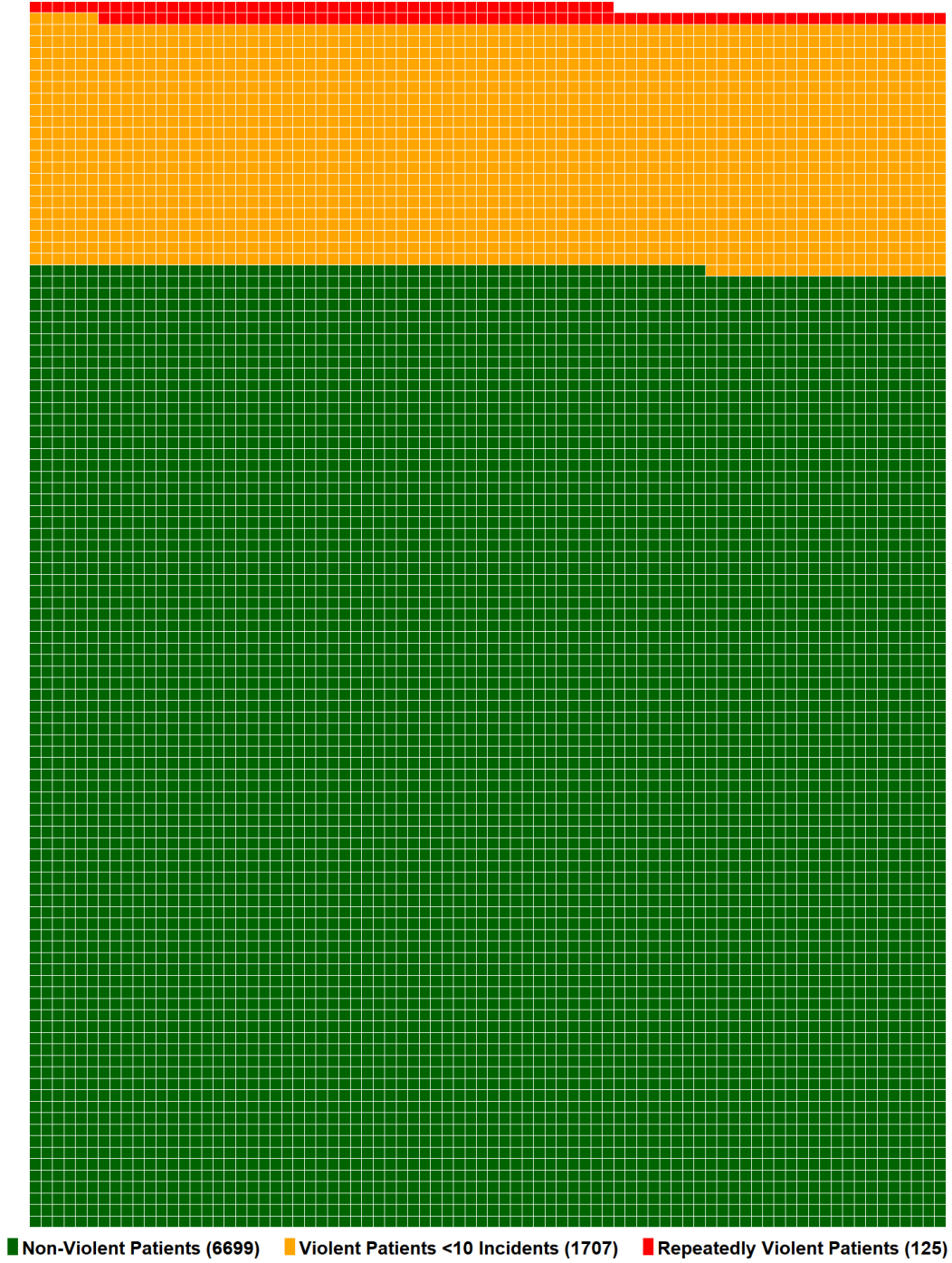
▶▶ *In 2020, with COVID-19 predominating, DSH treated 8,531 unique patients, with average daily census decreasing 5.2% from the year before.*

▶▶ *In 2020, the rate of patient on patient assault decreased 13.7% from the year prior.*

▶▶ *In 2020, the overall rate of patient on staff assault decreased 10.9%*

▶▶ *1.5% of patients were responsible for 42.7% of all aggressive acts in 2020.*

**Figure I.1**  
**2020 DSH Patients and Aggressors, 1 Square = 1 Patient**



- ▶▶ 21.5% of the 8,531 patients treated during 2020 committed at least one violent act during their stay in DSH.
- ▶▶ A total of 125 patients had 10 or more acts of aggression in 2020.
- ▶▶ Newly admitted patients have their first violent act very soon after admission; most occur within 37 days of admission

Analysis of the 2020 data shows that compared to the previous year:

- There was a 5.2% decrease in population when measured in “average daily census” (ADC) (however, ADC is still 4.6% higher than compared to baseline 2010 population ADC). While there was a significant decrease in the ADC it is worth noting that we also saw an increase in the average length of stay for our patients (especially Incompetent to Stand Trial patients) while seeing a decrease in number of admissions;
- DSH wide, the rate of patient on patient assaults decreased by 13.7% and the overall rate of patient on staff assault decreased by 10.9%. 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 12.4%, and assaults where contact was attempted (but not made) decreased 9.4%, 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 higher at 21.5% in 2020, compared to 20.9% in 2019; for further information see [Section V](#));
- There were continued reductions from last year’s rates in patient victim injuries from assaults which resulted in no treatment, minor first aid, and medical treatment (see [Section VI](#));
- There was a decrease of 13.2% (to 125, down from 144) in the number of repeatedly violent patients who committed 10 or more assaults in 2020. These 125 patients represent 1.5% of the population of unique patients treated during 2020, yet accounted for 42.7% of all the violent incidents in 2020; (see [Section VII](#));

- For newly admitted patients, the first violent act typically occurred soon after admission. While DSH experienced fewer incidents of aggression of newly admitted patients compared to prior years, this was largely driven by reduced number of admissions and census across DSH hospitals due to COVID-19. See [Section III](#) for further discussion on how the impact of the COVID-19 pandemic influenced the rate of violence by new admissions.
- Patients who demonstrate any acts of violence 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 results in an overall increase of the percentage of violent patients in the hospitals (see [Section III.C](#) and [Section III.D](#)).

Supplementary data tables provide additional detailed information for each hospital are presented in the [Appendices](#) as well as a [Glossary](#) of terms and [methodologies](#) used in data analysis.

## SECTION II: OVERVIEW OF VIOLENCE DATA

### A. Temporary Census Reduction due to COVID-19

On March 2, 2020, Governor Gavin Newsom issued a Proclamation of a State of Emergency, followed by a shelter-in-place (SIP) order that went into effect on March 19, 2020. On March 21, 2020, the Department of State Hospitals (DSH) temporarily suspended patient admissions into its hospitals for all patient commitment types, excluding Offenders with a Mental Health Disorder (OMD) under authority of Executive Order N-35-20.

As DSH resumed admissions at the end of May 2020, in-patient census was temporarily decreased due to the need to create Admission Observation Units (AOUs) and isolation units to mitigate the impacts of COVID-19 and prioritize the safety of patients and staff. To establish AOUs and isolation units, hospitals needed to empty units which impacted DSH's in-patient census and the ability to maintain admission rates. As a result of the need to keep newly admitted patients separate, units that normally housed multiple patients in dorm rooms were only able to house one patient per room, thus limiting the census on AOUs. As admissions resumed, DSH isolated patients in AOUs for at least 14 days while testing the cohort for COVID-19. Further testing and quarantine procedures were observed when positive COVID-19 cases were identified in an admission cohort or when hospitals experienced an outbreak.

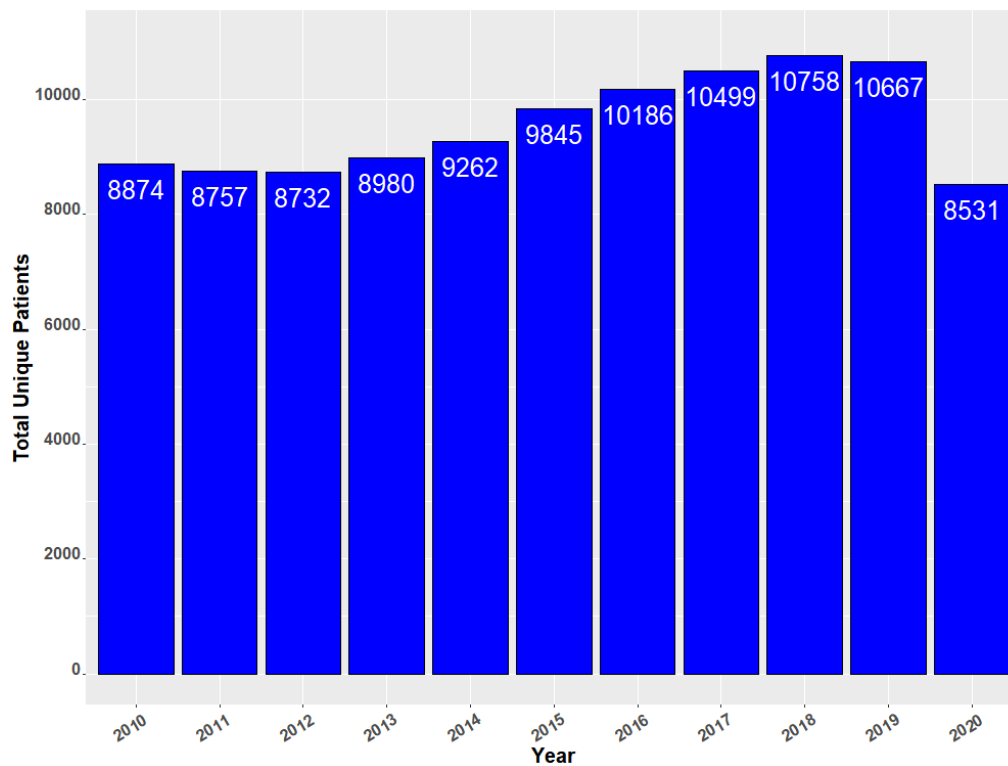
Due to these COVID-19 mitigation strategies, DSH's overall census decreased by approximately 12 percent from 6,235 on March 1, 2020 to 5,491 on December 31, 2020. This census reduction caused DSH's occupancy rates to decrease to 92% from the pre-COVID-19 occupancy rate of 96%. DSH anticipates this decrease to be temporary until AOUs and isolation units are no longer needed for COVID-19 response.

## B. Summary of Yearly Population Increases at DSH

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

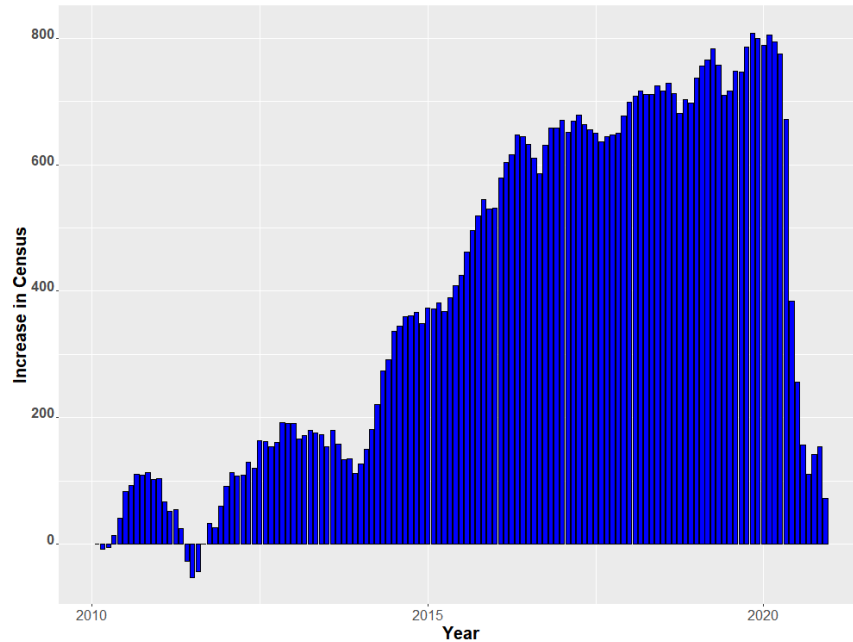
As shown in the Figure II.1, the total number of patients treated during the year in DSH hospitals has steadily increased over time until 2020 due to impacts of the COVID-19 pandemic.

**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 2020, the average daily census (ADC) decreased 5.2% from 2019 (overall 2019 ADC was 6,162 and overall 2020 ADC was 5,841). However, the 2020 hospital ADC was still 4.6% higher than in the baseline year of 2010, when this report was first compiled.

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. The number of assaults does not account for the change in the patient population.

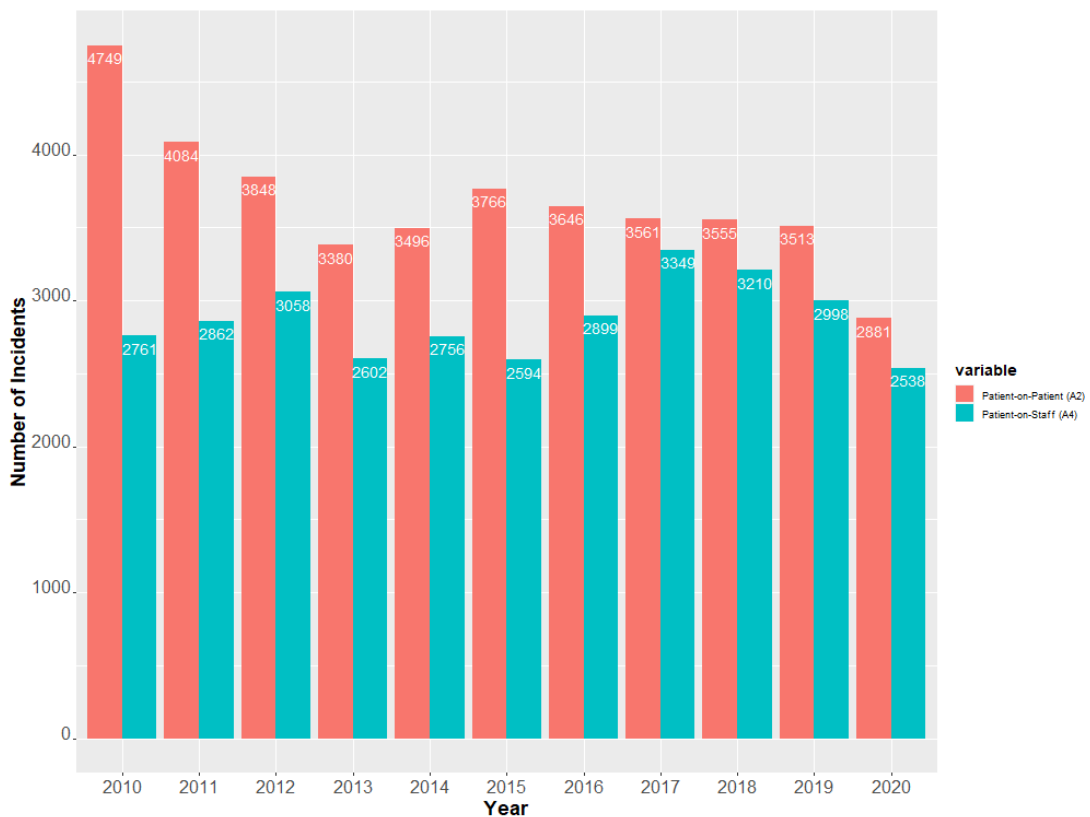
### C. Yearly Rates of Patient and Staff Assaults

- ▶▶ In 2020, the rate of patient on patient assault decreased 13.7% from the year prior.
- ▶▶ In 2020, the overall rate of patient on staff assault decreased 10.9% from the year prior. The rate of staff assault where contact was made decreased 12.4% while the rate where contact was attempted decreased 9.4%.

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.”)

As seen in the figure below of counts, the number of patient assaults on other patients (A2 patient on patient assaults) decreased in 2020, and the number of patient assaults against staff decreased (A4 patient on staff assaults).

**Figure II.3**  
**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 incomplete January 2010 data, due to issues with hospital implementation.

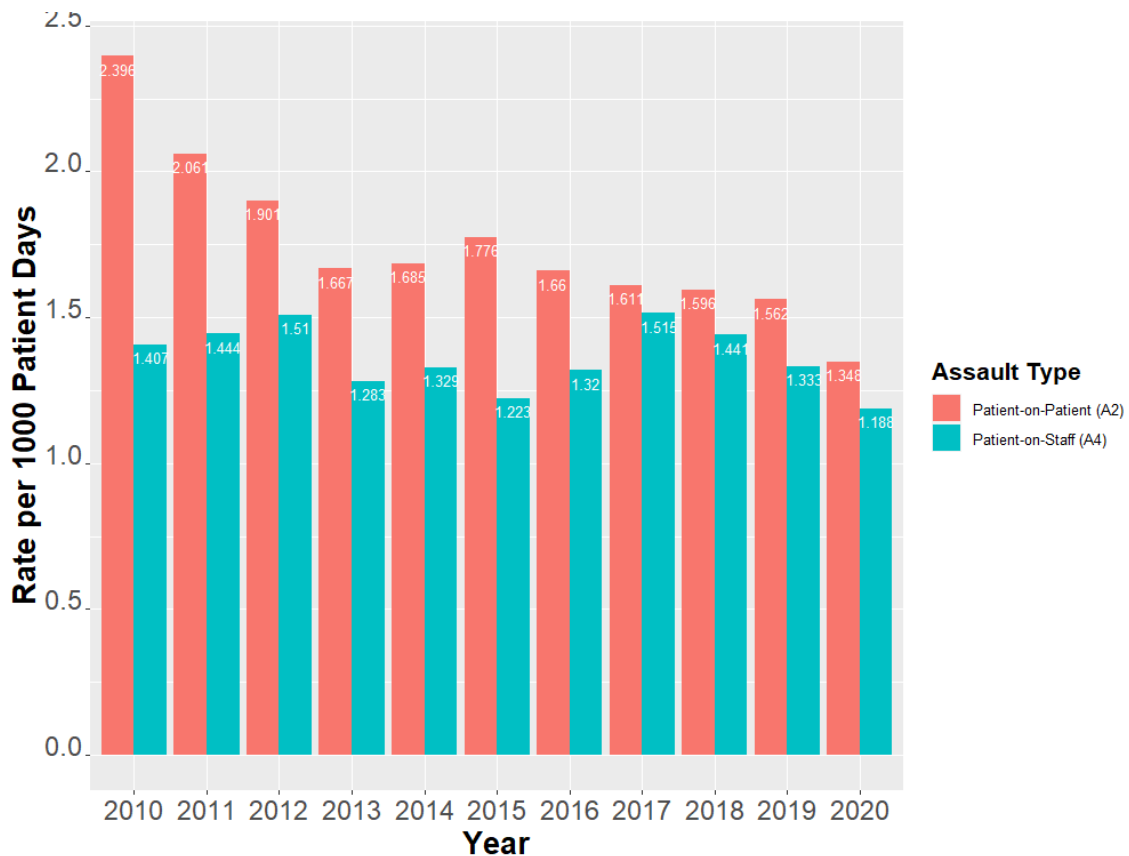


Since these totals do not account for the increase in patient census, simple totals of violence per month or per year should not be used for analysis.

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, is 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.4**  
**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.I.B](#) for further details.

#### D. 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.

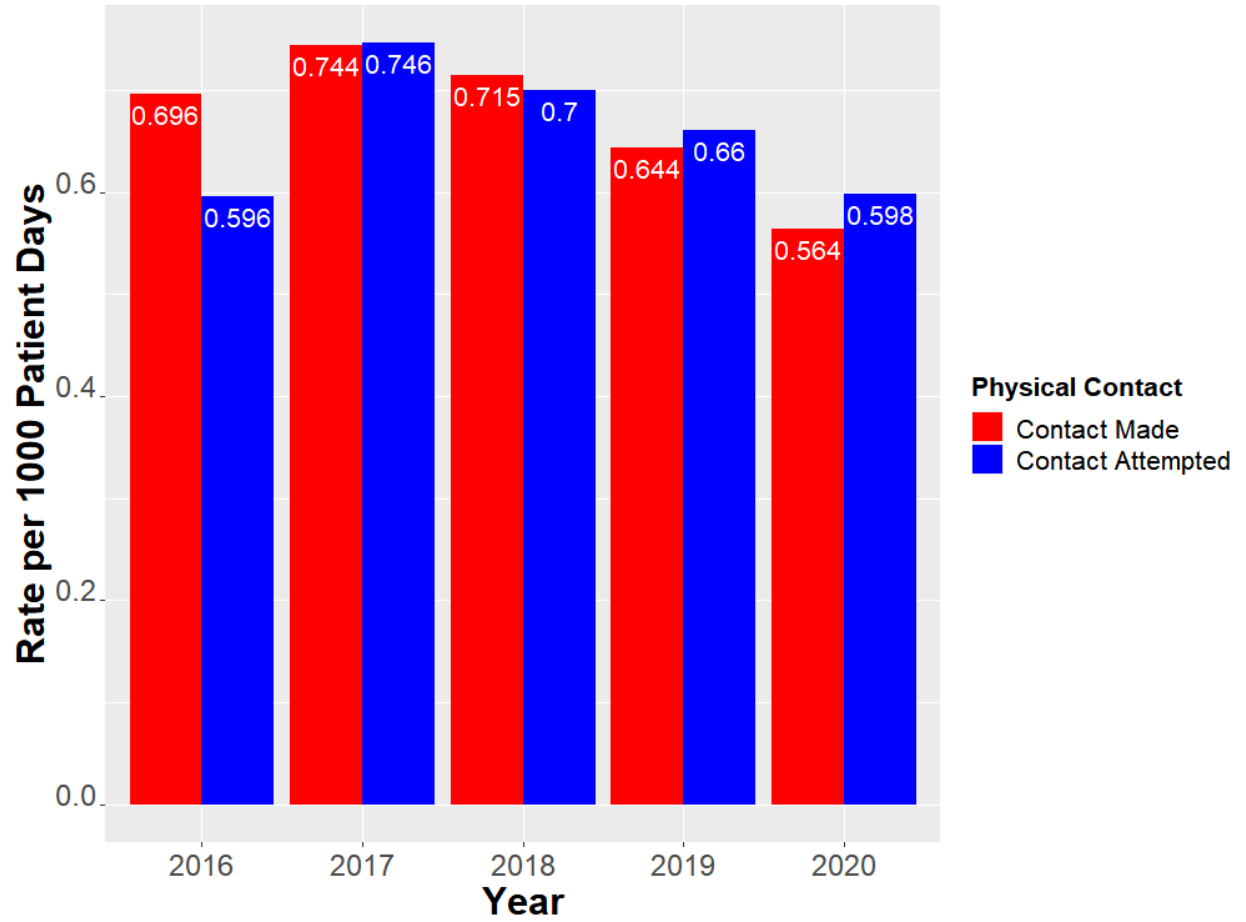
The reader should note that 2016 data contained within figures in this report utilized the revised definition described in this section. As a result, the 2016 data from DSH-Atascadero often shows an increase in the rates of patient on staff violence.

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, with regard 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.

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

**Figure II.5**  
**DSH Wide Rate of Contact Made and Contact Attempted for Staff Assaults**



**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	2210508	0.744	6.9
2017	Contact Attempted	1650	2210508	0.746	25.3
2018	Contact Made	1592	2227161	0.715	-3.9
2018	Contact Attempted	1560	2227161	0.700	-6.2
2019	Contact Made	1449	2248486	0.644	-9.8
2019	Contact Attempted	1484	2248486	0.660	-5.8
2020	Contact Made	1206	2137203	0.564	-12.4
2020	Contact Attempted	1278	2137203	0.598	-9.4

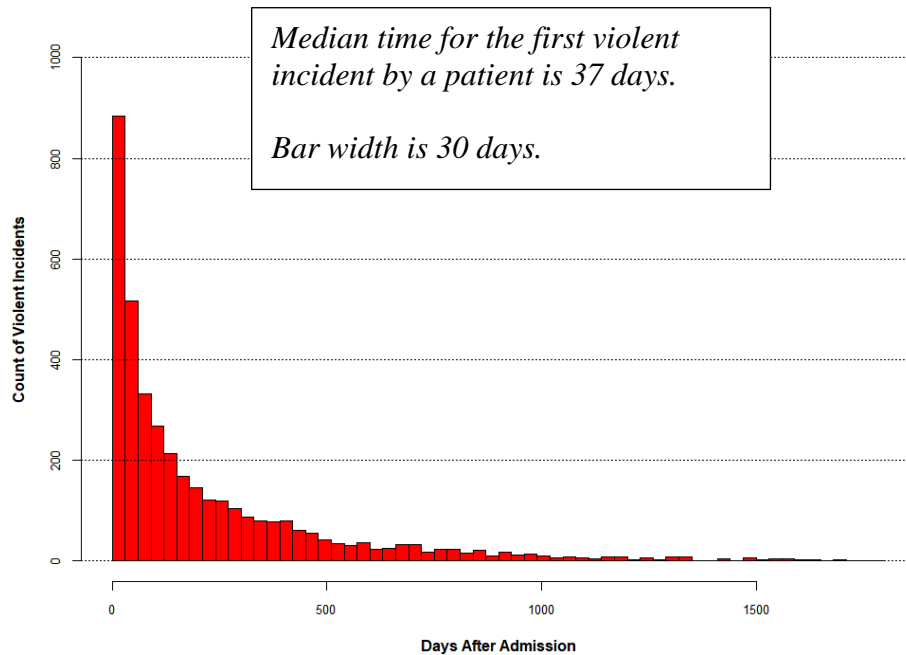
As seen in the table and graph above, both categories of staff assaults decreased, with the largest decrease (12.4%) seen in the category of “Physical Contact Made.”

SECTION III. SPECIAL TOPICS IN VIOLENCE AT STATE HOSPITALS

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

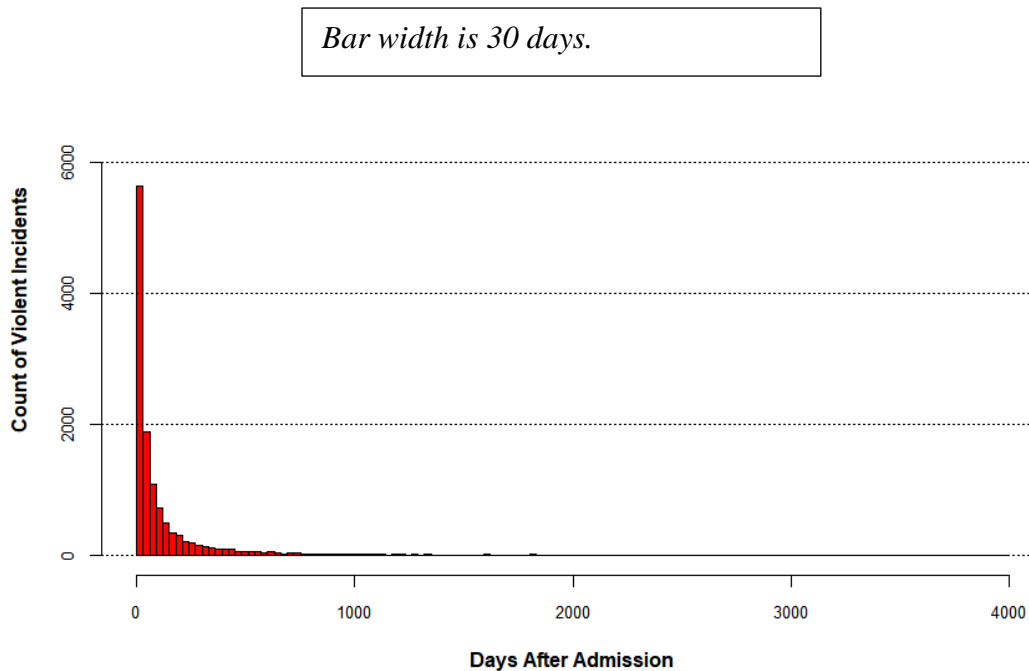
Admission to a new hospital is a known risk period for seriously mentally ill forensic patients referred to DSH by the court system or the prisons. Research has shown this to be a period of higher stress as a patient acclimates to new surroundings and new social circumstances, different rules, etc. (Barlow, Grenyer, & Illkiw-Lavalle, 2000). 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 2010-2020: When Violent Acts Occur – Days to First Violent Act After Admission**



The figure above shows that the first violent act occurs soon after admission (median time after admission to first violent act is 37 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 2010-2020: When Violent Acts Occur –**  
**All Violent Acts - Days After Admission**



As can be seen by this figure, the time immediately after admission is a critical time as the patient is most at risk of committing a violent act. 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.

The temporary census reduction due to COVID-19 resulted in much fewer admissions and a lower census. This resulted in a trend to lower violence by new admissions. Specifically:

- In 2019, there were 1,818 violent acts by the new admissions that year, during 147,981 patient days, for an overall violence rate = 12.3 violent acts per 1000 patient days.
- In 2020, there were 928 violent acts by the new admissions that year, during 80,045 patient days, for an overall violence rate = 11.6 violent acts per 1000 patient days.
- Using the 2019 point estimate for comparison, the 2020 rate of 11.6 is not statistically significant at a “strict”  $p = 0.05$  level (95% CI 10.6 – 12.4 violent acts per 1000 patient days).

- However, using a more exploratory  $p = 0.10$  level, the 2020 rate of 11.6 does fall outside the 90% confidence band (90% CI 10.9 – 12.2 violent acts per 1000 patient days).
- This finding of a significant difference at the 90% confidence level points to the need for more exploration and study of this finding, which is beyond the scope of this report.

Readers should be aware that a decrease in violence does not necessarily have to be statistically significant in order to be meaningful or clinically significant.

## B. Violent Patients Typically Have Repeated Episodes of Violence

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 2020, 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 III.1**  
**Percentage of Patients with a Certain Number of Violent Acts Having a Subsequent Violent Act**

VIOLENT ACTS	PATIENTS	% COMMITTING ANOTHER ACT
0	6699	-
1 or more	1832	-
2 or more	920	920 / 1832 = 50.2%
3 or more	576	576 / 920 = 62.6%
4 or more	410	410 / 576 = 71.2%
5 or more	306	306 / 410 = 74.6%
6 or more	247	247 / 306 = 80.7%
7 or more	204	204 / 247 = 82.6%
8 or more	169	169 / 204 = 82.8%
9 or more	141	141 / 169 = 83.4%
10 or more	125	125 / 141 = 88.7%



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

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

During 2010-2020, the median length of days hospitalized for a patient who exhibited inpatient violence 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 2020, All Legal Classes**

NUMBER OF VIOLENT ACTS	MEDIAN HOSPITALIZATION (DAYS)
None	193
One	241
Two	298
Three or Four	386
Five to Nine	575
Ten or More	1132

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

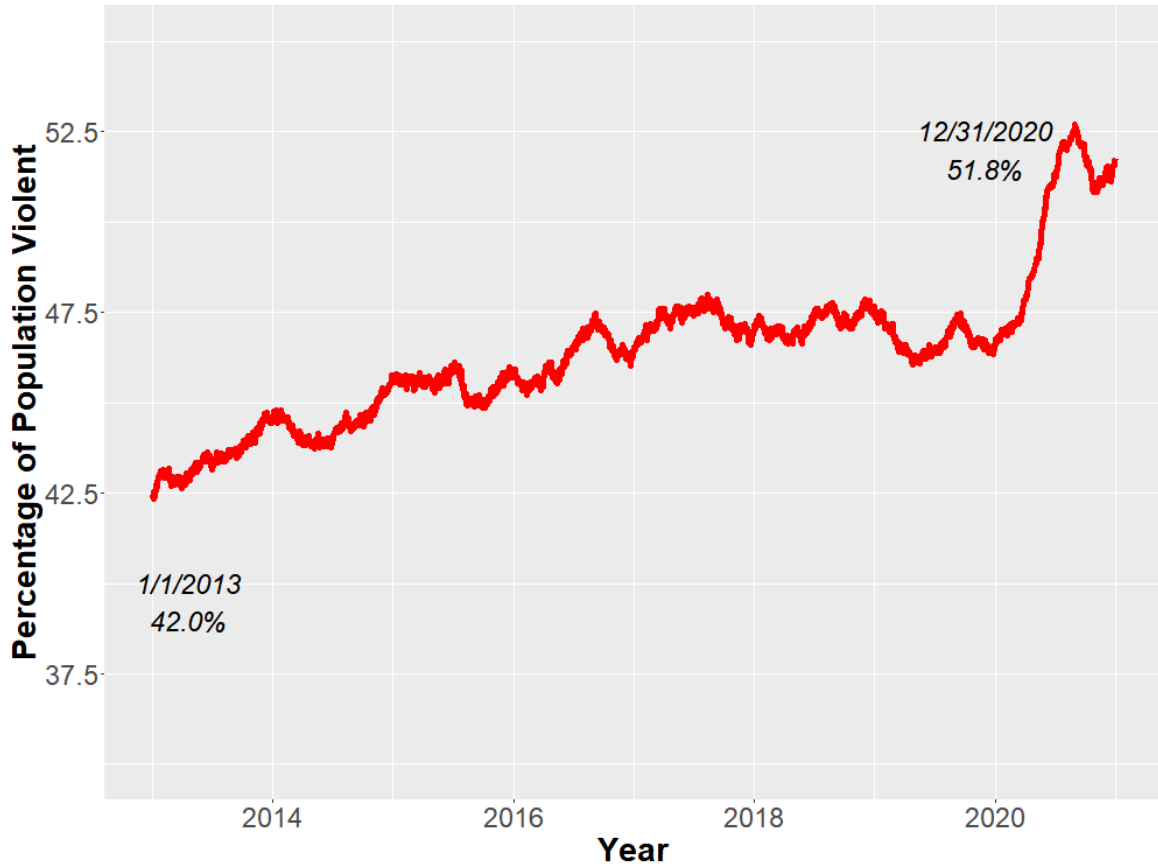
#### D. Increased Length of Hospitalization for More Violent Patients Results in Higher Percentage of These Dangerous Patients Residing in the Hospitals

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.

Figures III.3 and III.4 show that DSH saw a significant increase in the daily percentage of assaultive patients residing in hospitals from 46.4% in 2019 to 51.8% in 2020. The necessary reduction in the 2020 patient census and admission rates due to the COVID-19 pandemic (see Section II.A for details) resulted in a greater percentage of assaultive patients residing in DSH hospitals.

Most patients who are admitted to DSH are not violent in the hospitals, despite many of them being hospitalized due to previous violent/dangerous behavior. However, if a patient treated in DSH has inpatient violence, 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 been increasing.

**Figure III.3**  
**DSH Hospitals 2013-2020 Daily Percentage of In-Hospital Assaultive Patients Residing in Hospitals**

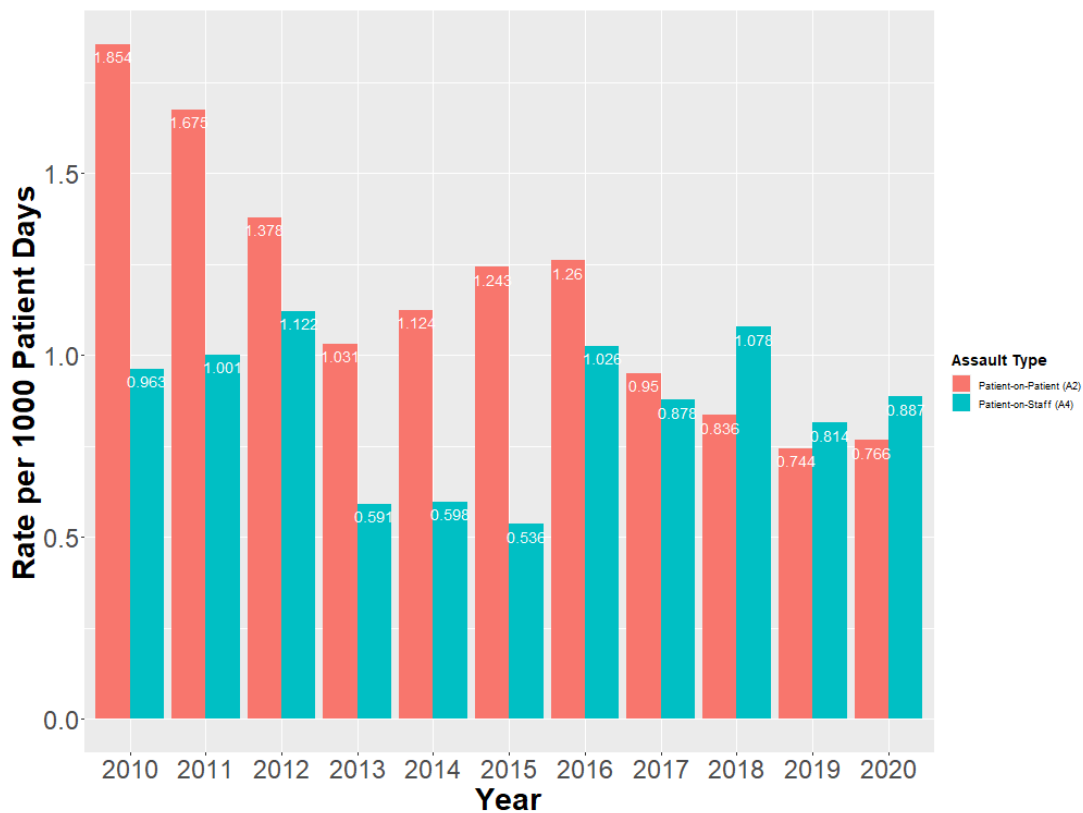


Because patients with a history of violence while hospitalized are more likely to be violent again during their hospitalization, and the above-mentioned trends show the increased growth in hospitalization of those who are violent while hospitalized, there is cause to be concerned about the potential 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 2020 the number of patient on patient assaults at DSH-Atascadero decreased 4.5% from the 2019 (Table IV.A.1), while the number of patient on staff assaults increased by 1.2% from 2019 (see Table IV.A.2).
- Coupled with a population decrease (measured in “total patient days”) in 2020 of 7.2%, the rate of patient on patient assaults at DSH-Atascadero increased 3.0% from 2019 (see Table IV.A.1), while the rate of patient on staff assaults increased 9.0% from 2019 (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	417802	0.744	-11
2020	297	387756	0.766	3

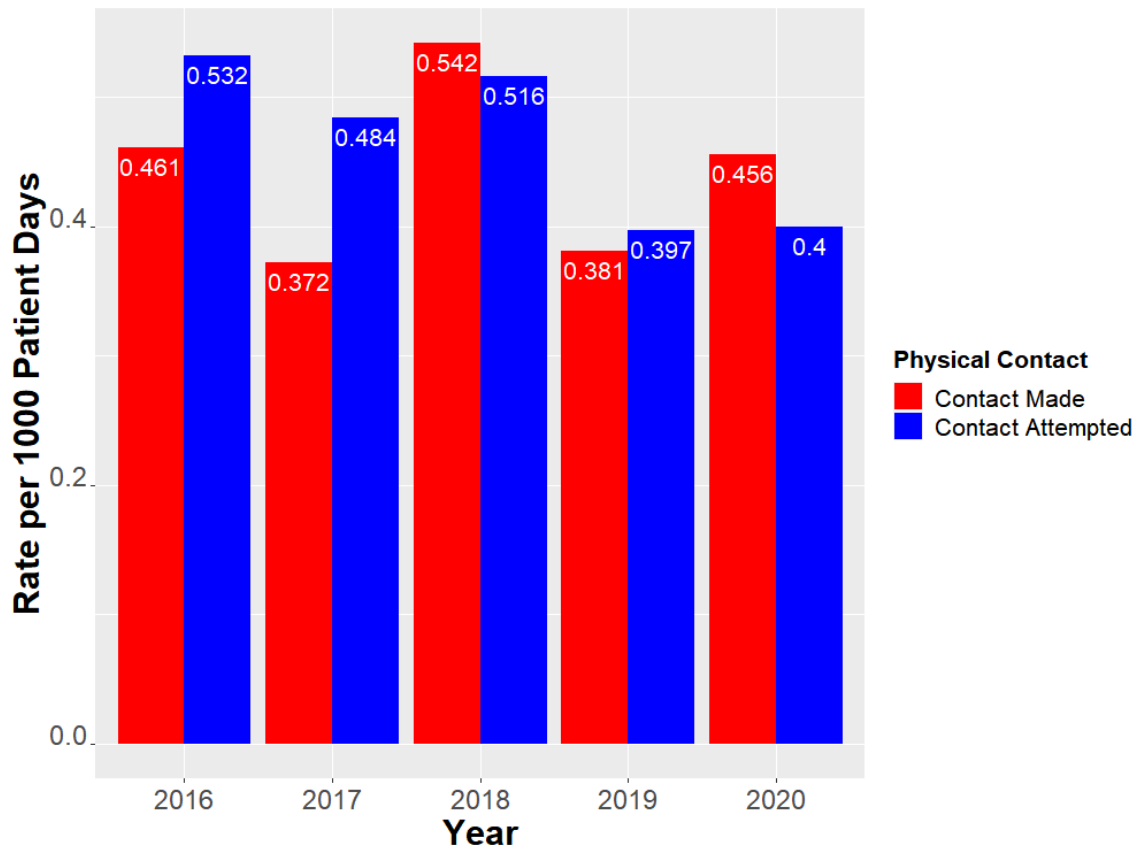
**Table IV.A.2**  
**DSH-Atascadero Yearly A4 Patient on Staff Assault Summary**

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	417802	0.814	-24.5
2020	344	387756	0.887	9

Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. 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**



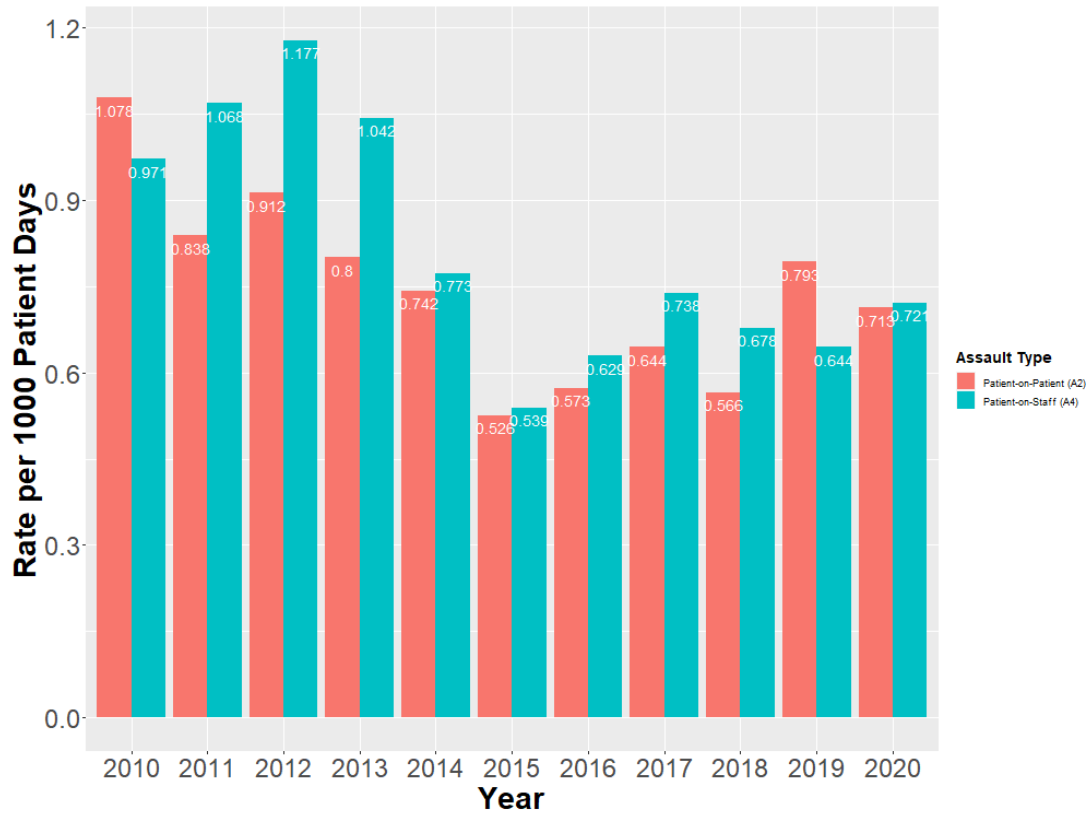
**Table IV.A.3**  
**DSH – Atascadero Staff Assaults – Physical Contact Made and Contact Attempted**

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	417802	0.381	-29.7
2019	Contact Attempted	166	417802	0.397	-22.9
2020	Contact Made	177	387756	0.456	19.9
2020	Contact Attempted	155	387756	0.4	0.6

As seen in the graph and table above, both categories of staff assault increased, with the largest increase (19.9%) 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 2020 the number of patient on patient assaults at DSH-Coalinga decreased 13.4% from the 2019 total (see Table IV.B.1), while the number of patient on staff assault increased 9.1% from 2019 (see Table IV.B.2).
- ▶▶ Coupled with a population decrease (measured in “total patient days”) in 2020 of 2.5%, the rate of patient on patient assaults at DSH-Coalinga decreased 10.1% from 2019 (see Table IV.B.1), while the rate of patient on staff assaults increased 12.0% from 2019 (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**

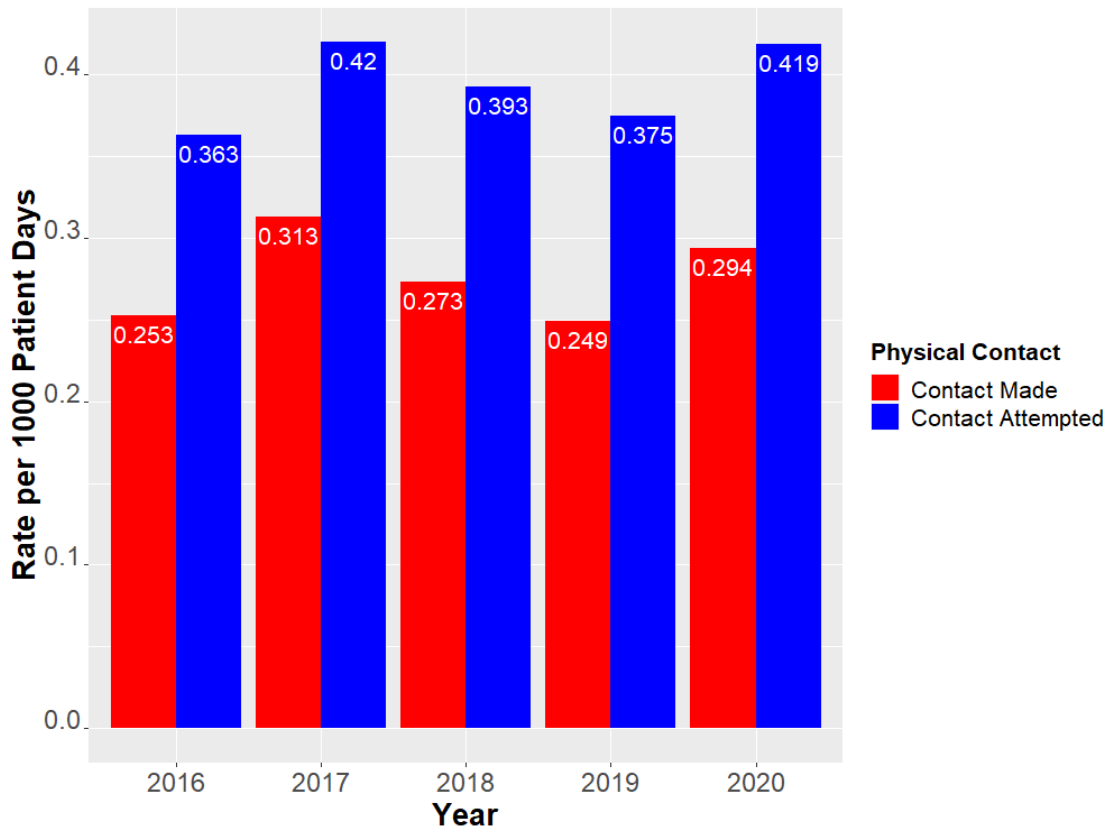
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	375	347927	1.078	NA
2011	295	352043	0.838	-22.3
2012	345	378122	0.912	8.8
2013	318	397491	0.8	-12.3
2014	313	421876	0.742	-7.2
2015	233	443186	0.526	-29.1
2016	267	465622	0.573	8.9
2017	302	468994	0.644	12.4
2018	274	483820	0.566	-12.1
2019	404	509211	0.793	40.1
2020	354	496240	0.713	-10.1

**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
2020	358	496240	0.721	12

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**



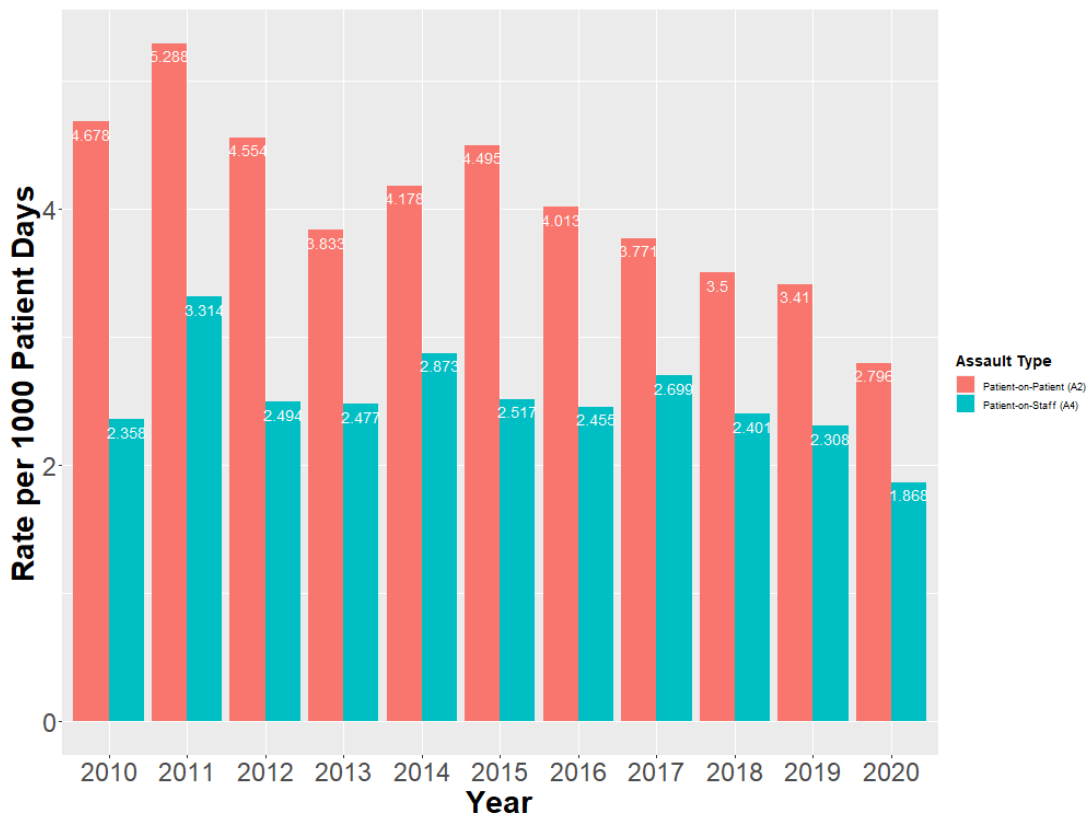
**Table IV.B.3**  
**DSH – Coalinga Staff Assaults – Physical Contact Made and Contact Attempted**

YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	118	465622	0.253	NA
2016	Contact Attempted	169	465622	0.363	NA
2017	Contact Made	147	468994	0.313	23.7
2017	Contact Attempted	197	468994	0.42	15.7
2018	Contact Made	132	483820	0.273	-13
2018	Contact Attempted	190	483820	0.393	-6.5
2019	Contact Made	127	509211	0.249	-8.6
2019	Contact Attempted	191	509211	0.375	-4.5
2020	Contact Made	146	496240	0.294	18.0
2020	Contact Attempted	208	496240	0.419	11.7

As seen in the table and graph above, the category “Physical Contact Made” increased 18.0%, while the category of “Physical Contact Attempted” increased 11.7%.

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 2020 the number of patient on patient assaults at DSH-Metropolitan decreased 16.3% from the 2019 total (see Table IV.C.1), while the number of patient on staff assaults decreased by 17.4% from 2019 (see Table IV.C.2).
- Coupled with a population increase (measured in “total patient days”) in 2020 of 2.1%, the rate of patient on patient assaults at DSH-Metropolitan decreased 18.0% from 2019 (see Table IV.C.1), while the rate of patient on staff assaults decreased 19.1% from 2019 (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**

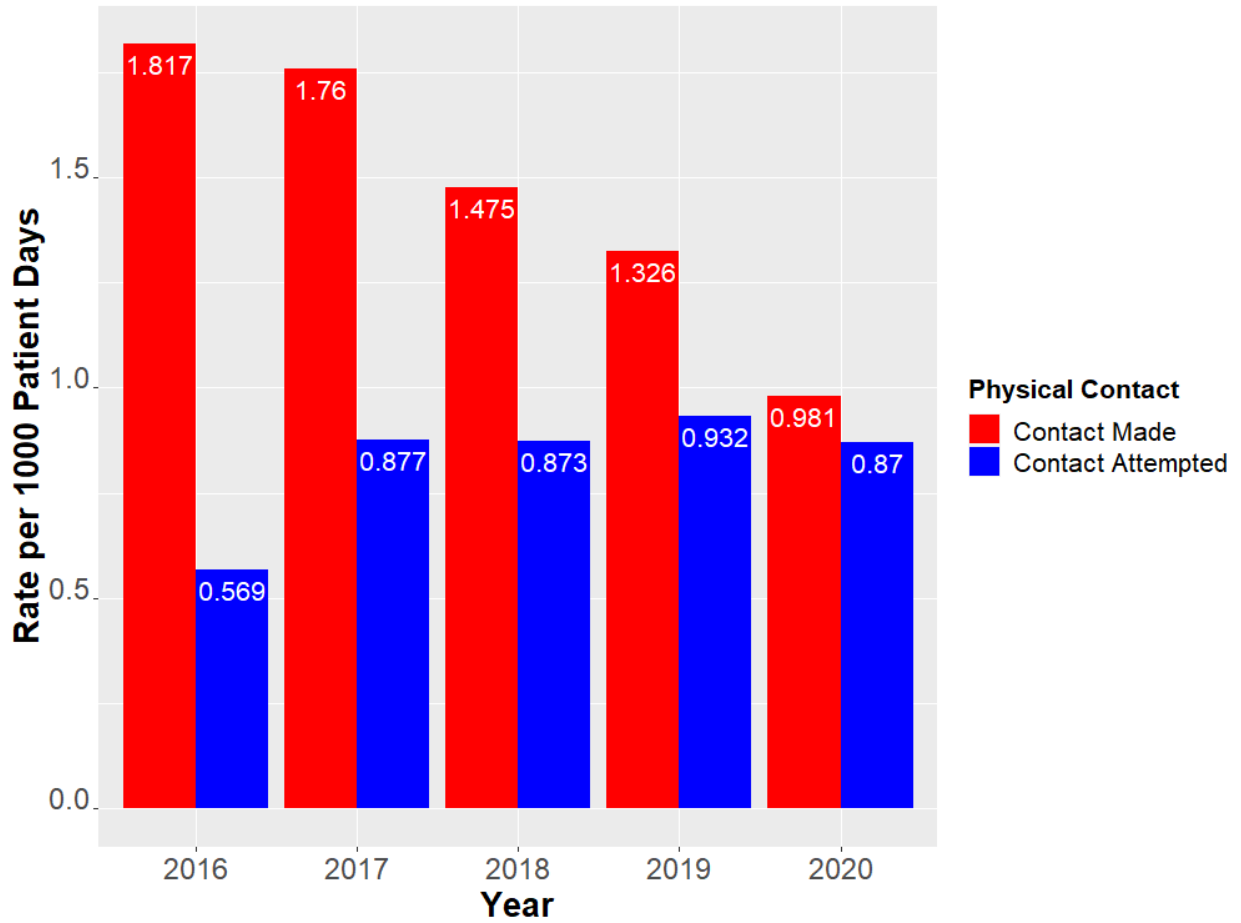
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1103	235766	4.678	NA
2011	1197	226342	5.288	13
2012	1070	234939	4.554	-13.9
2013	916	238968	3.833	-15.8
2014	1079	258248	4.178	9
2015	1200	266946	4.495	7.6
2016	1100	274139	4.013	-10.7
2017	1097	290870	3.771	-6
2018	1035	295690	3.5	-7.2
2019	1021	299385	3.41	-2.6
2020	855	305743	2.796	-18

**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	290870	2.699	9.9
2018	710	295690	2.401	-11
2019	691	299385	2.308	-3.9
2020	571	305743	1.868	-19.1

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**



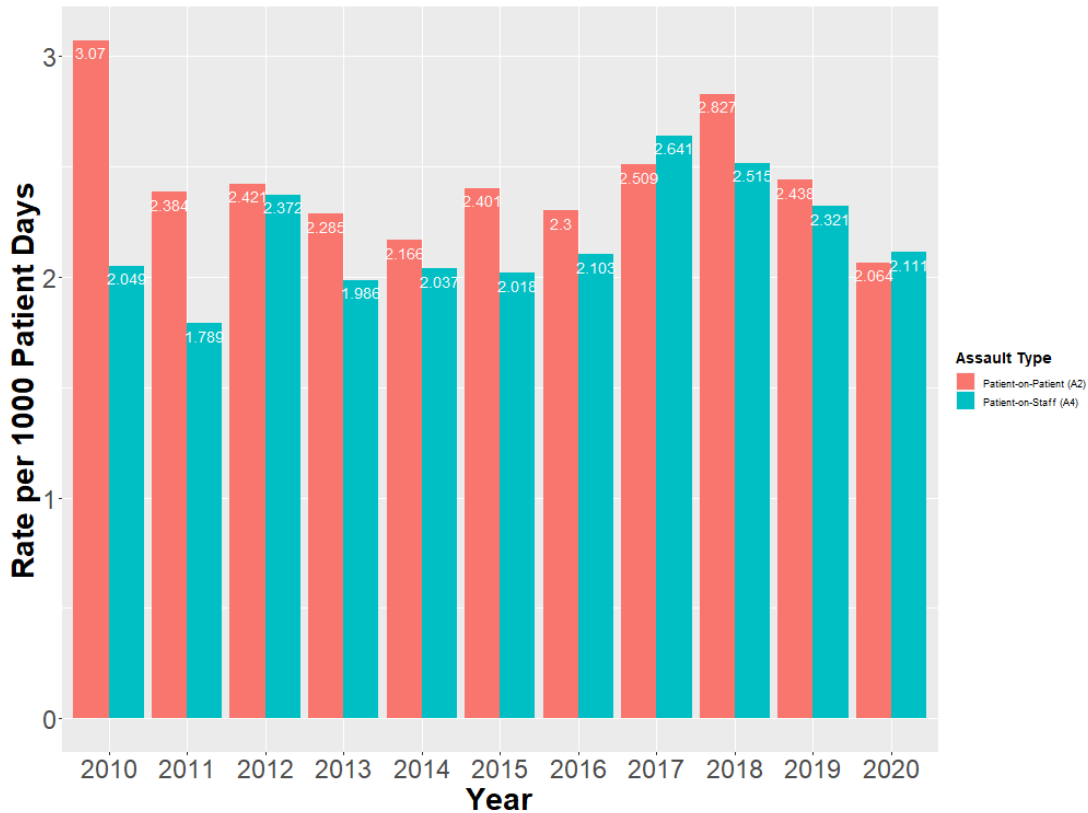
**Table IV.C.3**  
**DSH – Metro Staff Assaults – Physical Contact Made and Contact Attempted**

YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	498	274139	1.817	NA
2016	Contact Attempted	156	274139	0.569	NA
2017	Contact Made	512	290870	1.76	-3.1
2017	Contact Attempted	255	290870	0.877	54.1
2018	Contact Made	436	295690	1.475	-16.2
2018	Contact Attempted	258	295690	0.873	-0.5
2019	Contact Made	397	299385	1.326	-10.1
2019	Contact Attempted	279	299385	0.932	6.8
2020	Contact Made	300	305743	0.981	-26.0
2020	Contact Attempted	266	305743	0.87	-6.6

As seen in the table and graph above, the category of “Physical Contact Made” decreased 26.0% from the previous year, while the category of “Physical Contact Attempted” decreased 6.6%.

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 2020 the number of patient on patient assaults at DSH-Napa decreased 22.2% from the 2019 total (see Table IV.D.1), while the number of patient on staff assaults decreased by 17.4% from 2019 (see Table IV.D.2).
- Coupled with a population decrease (measured in “total patient days”) in 2020 of 8.1%, the rate of patient on patient assaults at DSH-Napa decreased 15.3% from 2019 (see Table IV.D.1), while the rate of patient on staff assaults decreased 9.0% from 2019 (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**

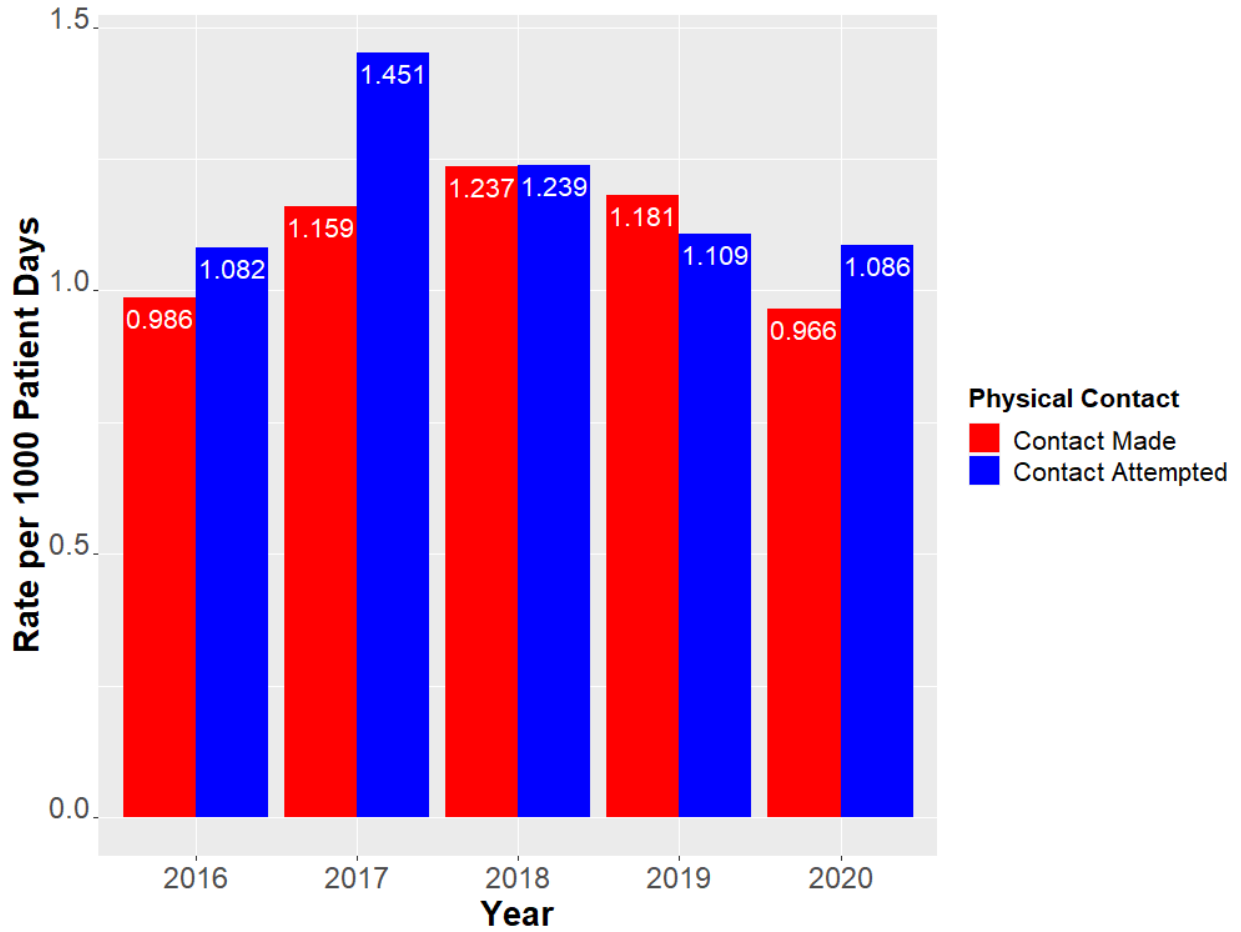
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1311	427063	3.07	NA
2011	1026	430457	2.384	-22.3
2012	1068	441062	2.421	1.6
2013	999	437112	2.285	-5.6
2014	939	433562	2.166	-5.2
2015	1055	439490	2.401	10.8
2016	1052	457470	2.3	-4.2
2017	1145	456309	2.509	9.1
2018	1314	464828	2.827	12.7
2019	1123	460671	2.438	-13.8
2020	874	423548	2.064	-15.3

**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	464828	2.515	-4.8
2019	1069	460671	2.321	-7.7
2020	894	423548	2.111	-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.D.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Napa**



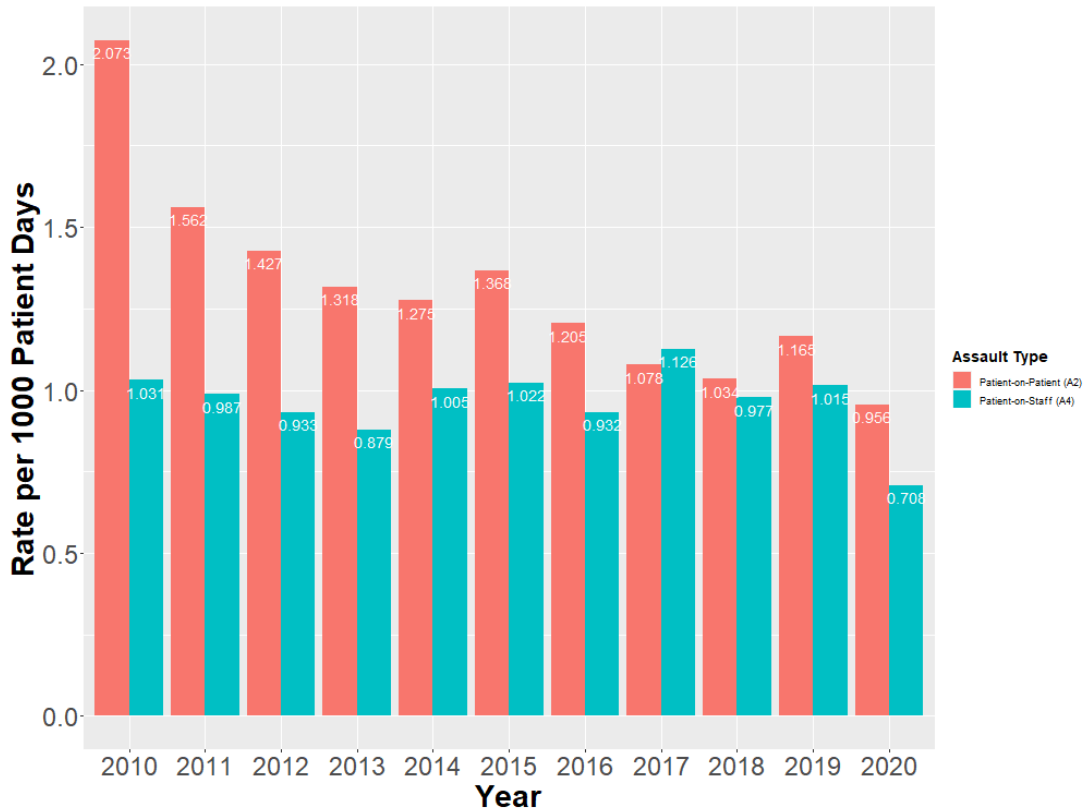
**Table IV.D.3**  
**DSH – Napa Staff Assaults – Physical Contact Made and Contact Attempted**

YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	451	457470	0.986	NA
2016	Contact Attempted	495	457470	1.082	NA
2017	Contact Made	529	456309	1.159	17.6
2017	Contact Attempted	662	456309	1.451	34.1
2018	Contact Made	575	464828	1.237	6.7
2018	Contact Attempted	576	464828	1.239	-14.6
2019	Contact Made	544	460671	1.181	-4.5
2019	Contact Attempted	511	460671	1.109	-10.5
2020	Contact Made	409	423548	0.966	-18.2
2020	Contact Attempted	460	423548	1.086	-2.1

As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 18.2%, while the category of “Physical Contact Attempted” decreased by 2.1%.

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 2020 the number of patient on patient assaults at DSH-Patton decreased 23.4% from the 2019 total (see Table IV.E.1), while the number of patient on staff assaults decreased by 34.1% from 2019 (see Table IV.E.2).
- ▶▶ Coupled with a population decrease (measured in “total patient days”) in 2020 of 6.7%, the rate of patient on patient assaults at DSH-Patton decreased 17.9% from 2019 (see Table IV.E.1), while the rate of patient on staff assaults decreased 30.2% from 2019 (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**

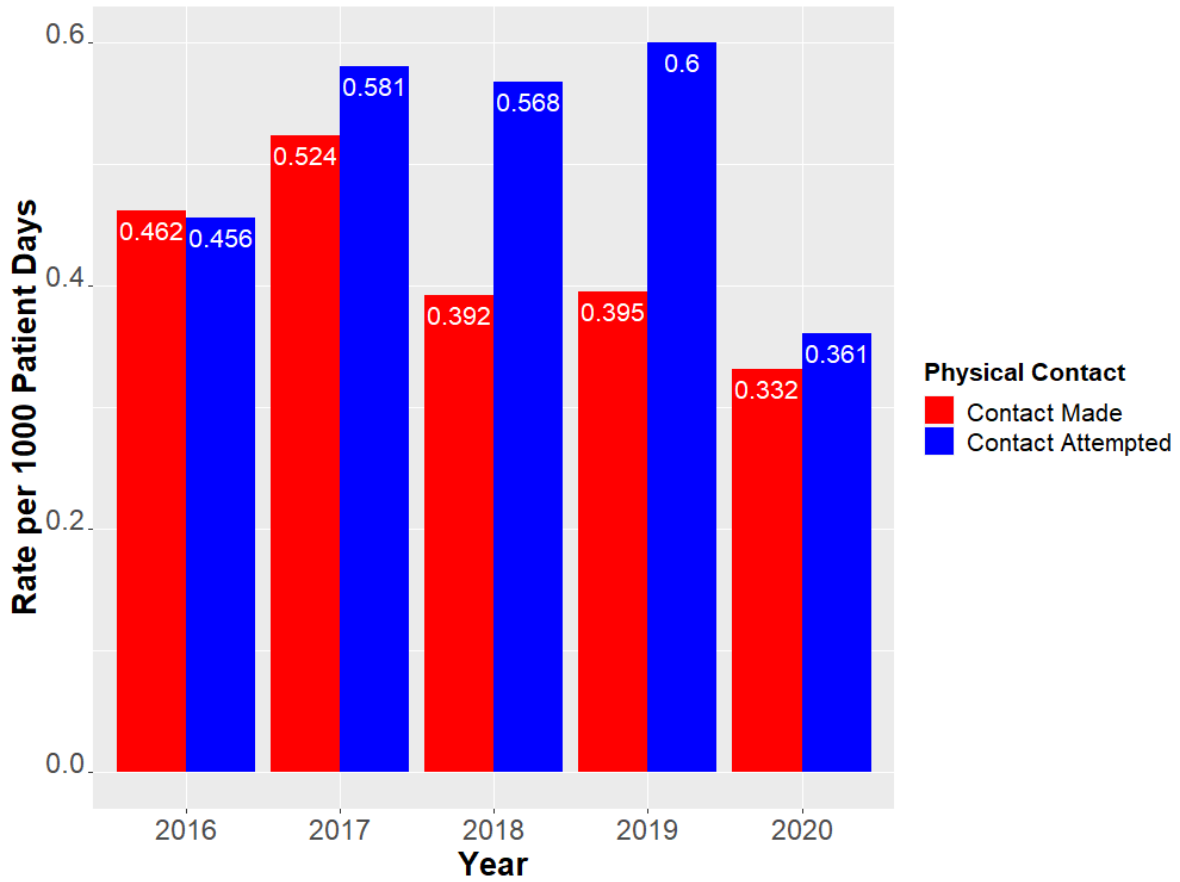
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1192	574958	2.073	NA
2011	882	564493	1.562	-24.7
2012	815	571324	1.427	-8.6
2013	751	569788	1.318	-7.6
2014	723	567247	1.275	-3.3
2015	775	566388	1.368	7.3
2016	689	571873	1.205	-11.9
2017	609	564799	1.078	-10.5
2018	577	558078	1.034	-4.1
2019	654	561417	1.165	12.7
2020	501	523916	0.956	-17.9

**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	561417	1.015	3.9
2020	371	523916	0.708	-30.2

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	571873	0.462	NA
2016	Contact Attempted	261	571873	0.456	NA
2017	Contact Made	296	564799	0.524	13.5
2017	Contact Attempted	328	564799	0.581	27.2
2018	Contact Made	219	558078	0.392	-25.1
2018	Contact Attempted	317	558078	0.568	-2.2
2019	Contact Made	222	561417	0.395	0.8
2019	Contact Attempted	337	561417	0.6	5.7
2020	Contact Made	174	523916	0.332	-16.0
2020	Contact Attempted	189	523916	0.361	-39.9

As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 16.0%, while the category of “Physical Contact Attempted” decreased by 39.9%

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

### A. Patients and Aggressors in 2020

As can be seen in Figure V.1, in 2020 the number of patients treated in DSH hospitals totaled 8,531. Most patients (6,699) were not violent, but 1,832 patients were violent (the number of patients having 1-9 violent acts was 1,707, those with 10 or more violent acts numbered 125).

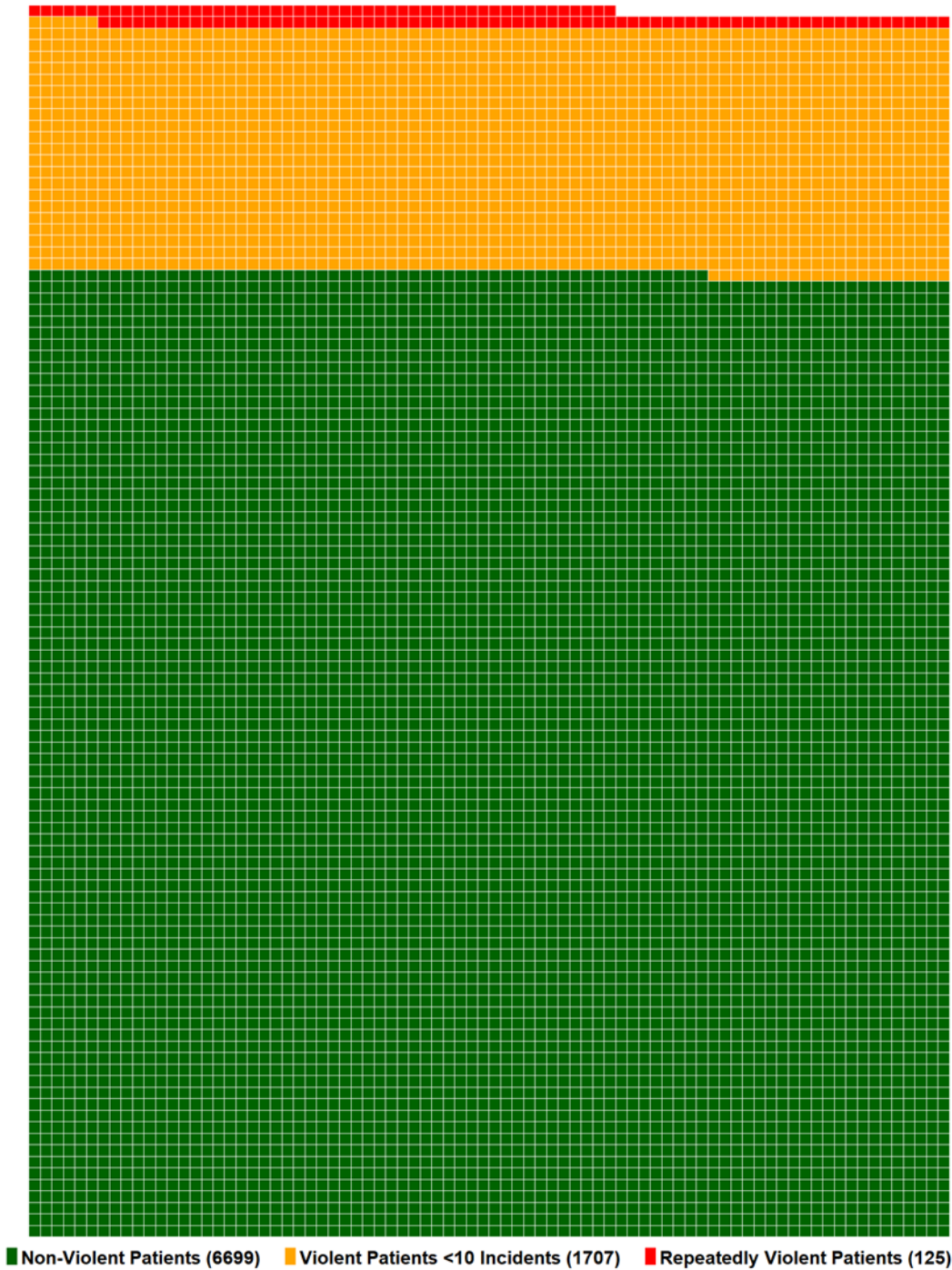
Thus, violent patients as a percentage of all patients treated were about 21.5% of all those treated during 2020. As noted previously in [Section III.D](#), the necessary reduction in the 2020 patient census due to the COVID-19 pandemic resulted in a higher percentage of violent patients in the state hospitals, usually between 42 to 47%, with the percentage recently rising to 51.8% by the conclusion of 2020. This is 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.

In 2020, the 125 patients with 10 or more violent incidents in that year accounted for 42.7% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A](#) of this report for more information on this.

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 – 2019.



**Figure V.1**  
**2020 DSH Patients and Aggressors, 1 Square = 1 Patient**



**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**

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

Readers should note that this report only contains information on patient injuries. Consistent staff injury data collection presents unique challenges due to the confidential nature of staff’s protected health information. 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.

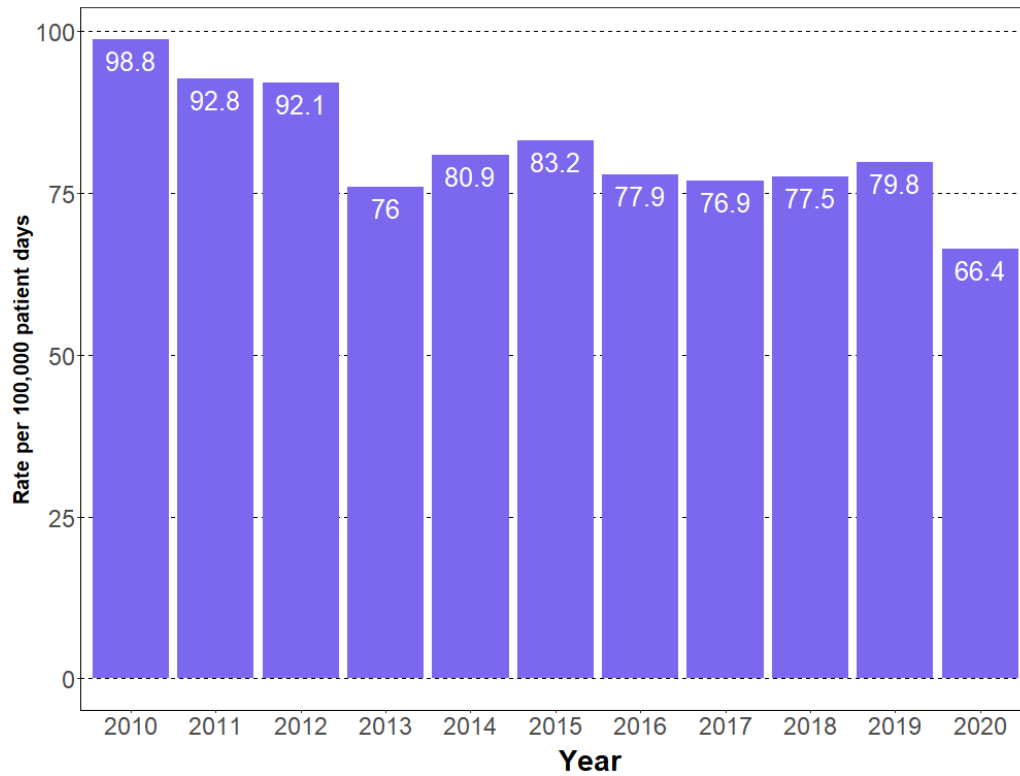
The injury severity rates are presented in terms of rates per 100,000 patient days.

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**



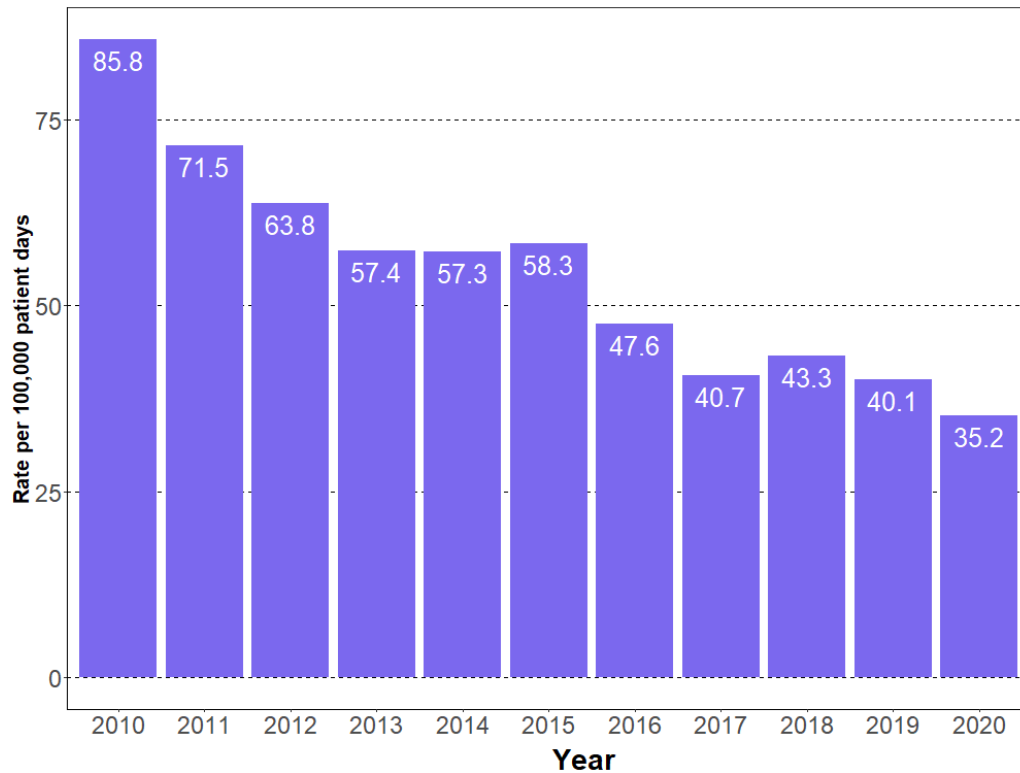
**Table VI.2**  
**SI Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	1977	98.8
2011	1981813	1839	92.8
2012	2024639	1864	92.1
2013	2027565	1540	76
2014	2074235	1679	80.9
2015	2120806	1765	83.2
2016	2196145	1711	77.9
2017	2210508	1700	76.9
2018	2227161	1725	77.5
2019	2248486	1794	79.8
2020	2137203	1419	66.4

## 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**

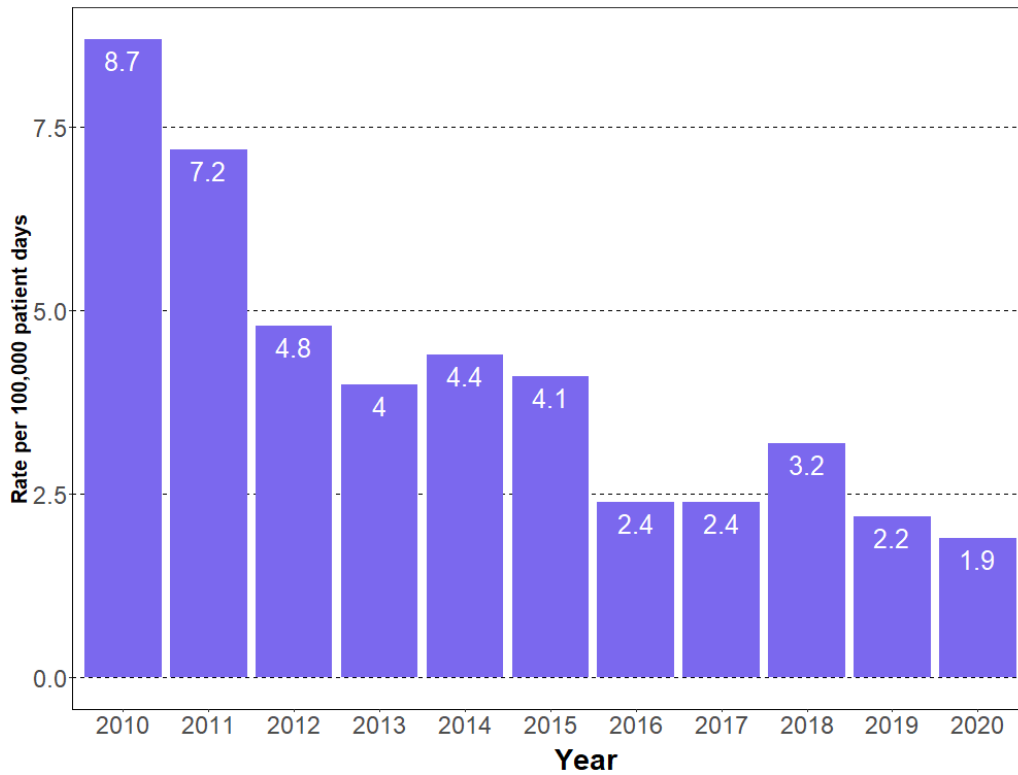
**S2 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	1717	85.8
2011	1981813	1417	71.5
2012	2024639	1291	63.8
2013	2027565	1164	57.4
2014	2074235	1189	57.3
2015	2120806	1236	58.3
2016	2196145	1046	47.6
2017	2210508	900	40.7
2018	2227161	964	43.3
2019	2248486	901	40.1
2020	2137203	753	35.2

## 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**

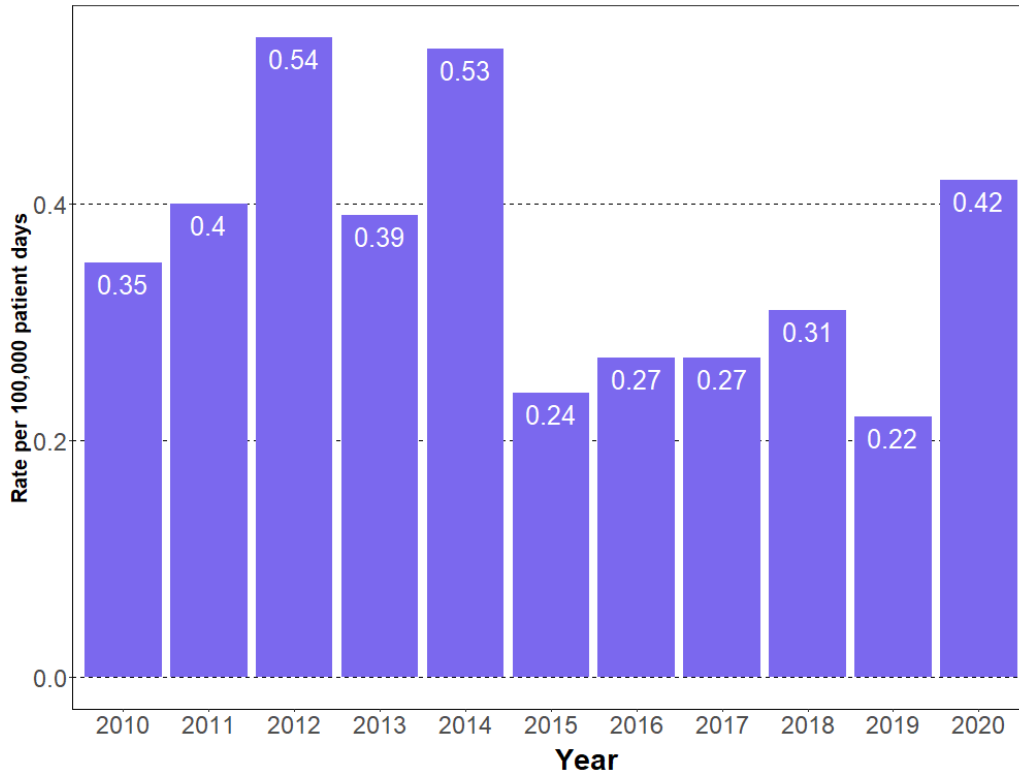
**S3 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	174	8.7
2011	1981813	143	7.2
2012	2024639	97	4.8
2013	2027565	81	4.0
2014	2074235	92	4.4
2015	2120806	87	4.1
2016	2196145	52	2.4
2017	2210508	54	2.4
2018	2227161	71	3.2
2019	2248486	49	2.2
2020	2137203	41	1.9



## Injury Severity S4 – Hospitalization

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

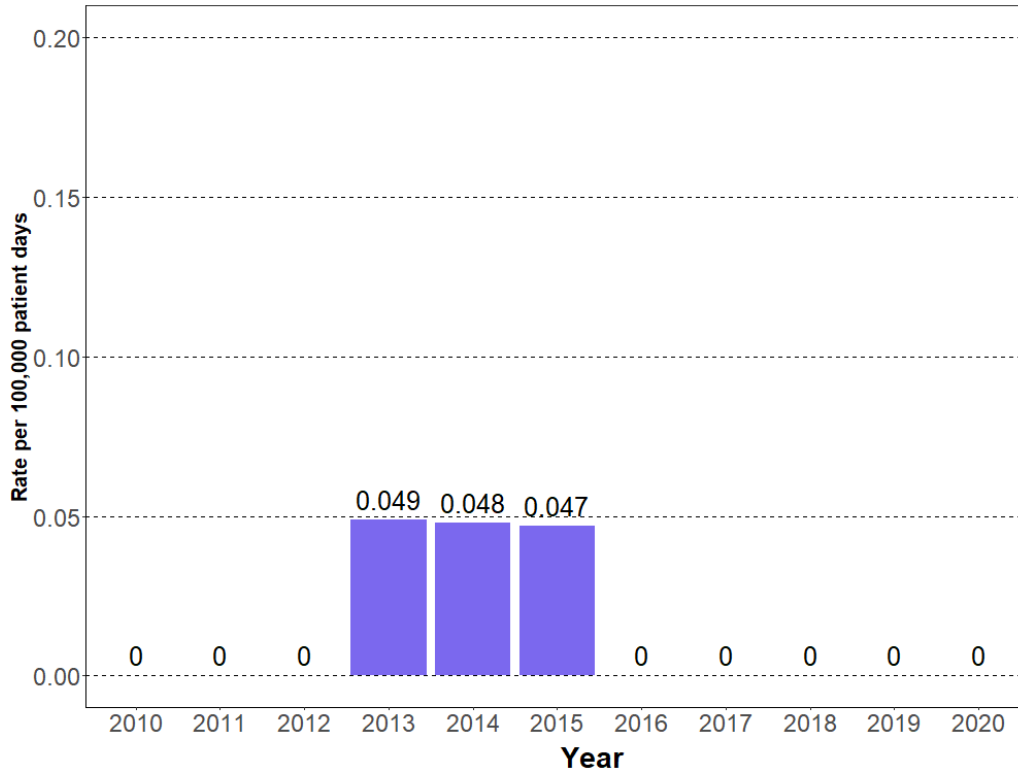


**Table VI.5**  
**S4 Victim Injury Rates**

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	6	0.28
2016	2196145	3	0.14
2017	2210508	2	0.09
2018	2227161	2	0.09
2019	2248486	4	0.18
2020	2137203	5	0.23

## 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	2210508	0	0
2018	2227161	0	0
2019	2248486	0	0
2020	2137203	0	0

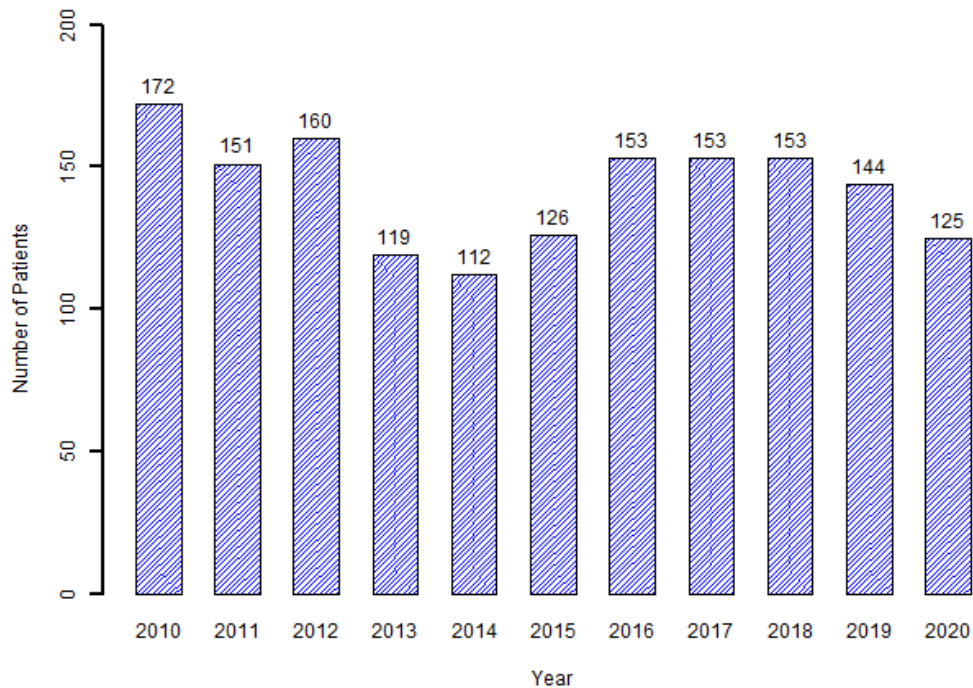


SECTION VII: NUMBER OF PATIENTS WITH 10 OR MORE ASSAULTS PER YEAR

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 13.2% (from 144 patients to 125) from the previous year, as can be seen below in Figure VII.1. In the same time period there was a 5.2% decrease in the average daily census (ADC) at the hospitals.

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

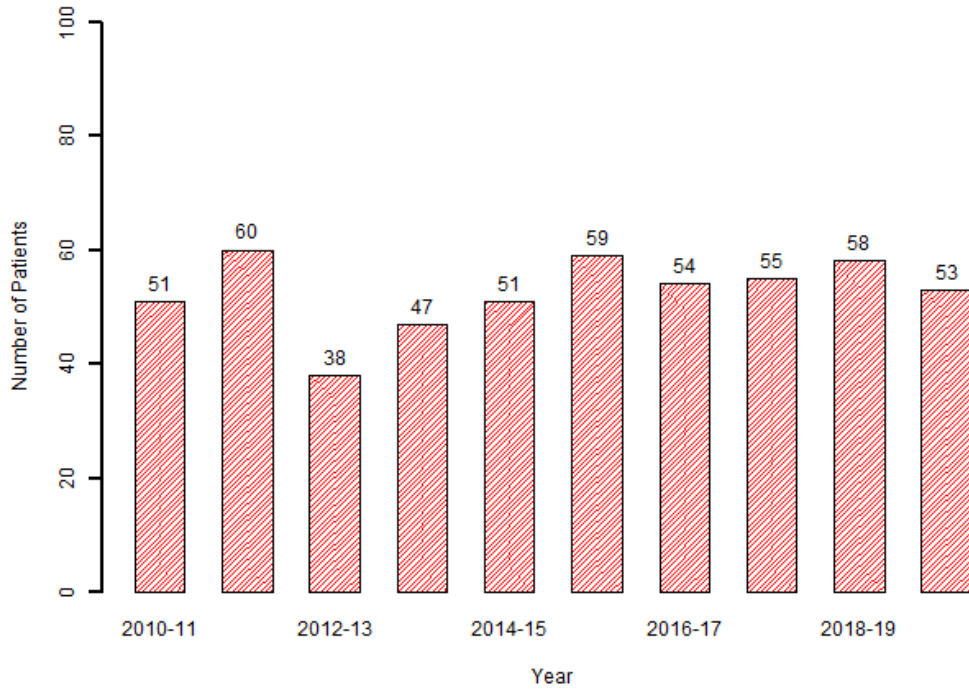


**Table VII.1**  
**Year-by-Year Summary of Patients with 10 or More Aggressive Acts**

YEAR	SUMMARY
2010	172 patients with 10 or more violent incidents accounted for 35.9% 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	160 patients with 10 or more violent incidents accounted for 38.2% of all violent patient on patient and patient on staff assault incidents
2013	119 patients with 10 or more violent incidents accounted for 35.2% of all violent patient on patient and patient on staff assault incidents
2014	112 patients with 10 or more violent incidents accounted for 34.4% of all violent patient on patient and patient on staff assault incidents
2015	126 patients with 10 or more violent incidents accounted for 33.7% of all violent patient on patient and patient on staff assault incidents
2016	153 patients with 10 or more violent incidents accounted for 37.4% of all violent patient on patient and patient on staff assault incidents
2017	153 patients with 10 or more violent incidents accounted for 39.0% of all violent patient on patient and patient on staff assault incidents
2018	153 patients with 10 or more violent incidents accounted for 39.4% of all violent patient on patient and patient on staff assault incidents
2019	144 patients with 10 or more violent incidents accounted for 41.7% of all violent patient on patient and patient on staff assault incidents
2020	125 patients with 10 or more violent incidents accounted for 42.7% 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

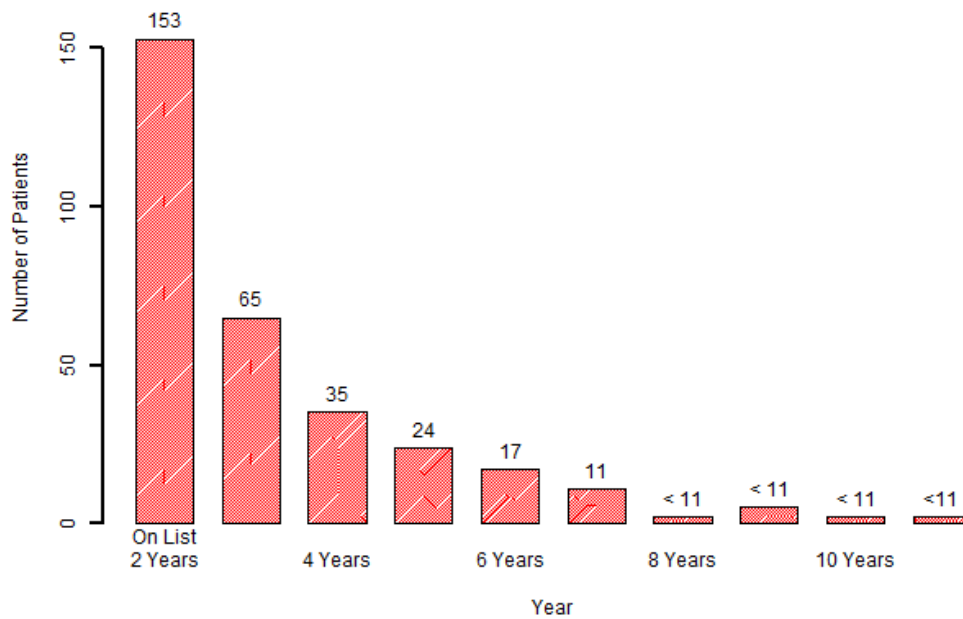
**Figure VII.2**  
**Patients with 10 or More Violent Acts, Across Two Consecutive Calendar Years**



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 2010-2020. As a rate, the 53 patients during 2010-2020 represent about 0.27% of all the patients treated during that two year timeframe.

### 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 2010-2020**



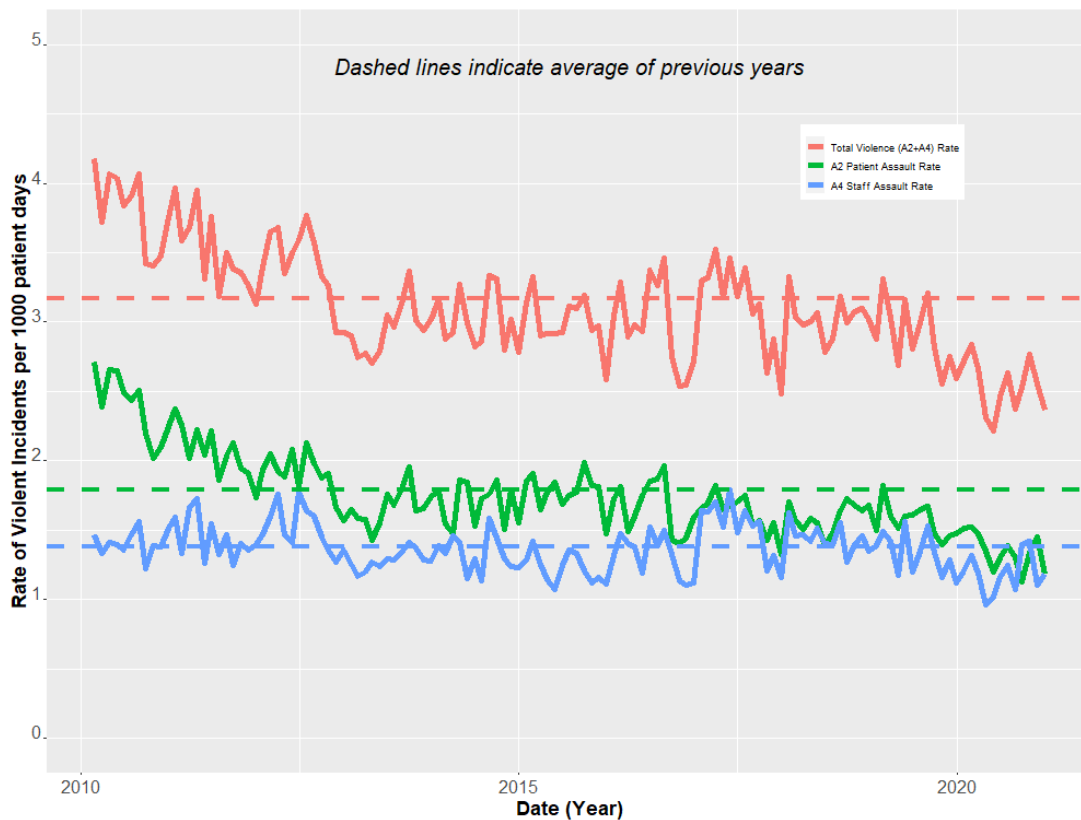
When any multiple year period (not necessarily consecutive years) is considered, there are a very small number of patients who had multiple, repeated high levels of violence (more than 10 incidents in a year).

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**

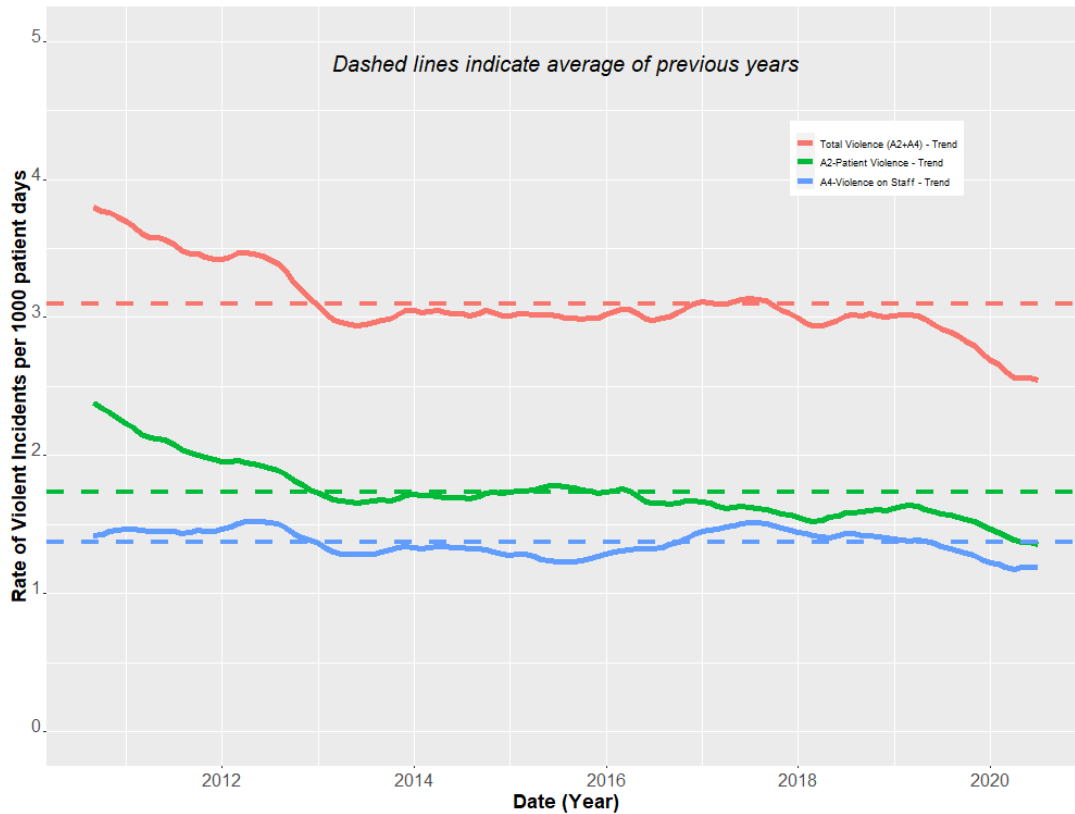


The graph above shows the monthly rate of violence, per 1000 patient days. This measure (rate per 1000 patient days) takes into account the changes in DSH population (as well as differences in the number of days in a month).

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. Recently, since late 2019, both patient and patient-on-staff assault rates have trended lower.

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 (2020) to the previous year (2019), whether an increase or decrease was seen overall in violence (patient or staff) across legal classes.

**Table VIII.1 Comparison of overall 2020 Violence Rates to 2019 Rates**

Legal Class	Patient Violence	Staff Violence
IST	Decreased 20.8%	Decreased 9.4%
LPS	Decreased 11.6%	Decreased 19.2%
OMD	Decreased 5.3%	Increased 6.0%
NGRI	Decreased 14.8%	Decreased 2.8%
CDCR	Decreased 7.0%	Increased 4.7%
SVP	Decreased 8.1%	Decreased 2.3%

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

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
January	2010	360	183	543
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



MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
November	2012	278	212	490
December	2012	271	234	505
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

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
December	2015	270	203	473
January	2016	316	242	558
February	2016	313	255	568
March	2016	276	260	536
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

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
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
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
January	2020	291	232	523
February	2020	274	238	512
March	2020	284	229	513
April	2020	250	179	429
May	2020	225	192	417
June	2020	226	201	427
July	2020	244	218	462
August	2020	224	185	409
September	2020	187	231	418
October	2020	231	245	476
November	2020	242	185	427
December	2020	203	203	406

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	2.714962	1.465948	4.18091
March	2010	2.387487	1.333659	3.721146
April	2010	2.653155	1.412559	4.065715
May	2010	2.646709	1.391446	4.038155
June	2010	2.488846	1.353689	3.842535
July	2010	2.439424	1.468334	3.907758
August	2010	2.502704	1.561267	4.063971
September	2010	2.202377	1.21885	3.421227
October	2010	2.021725	1.384823	3.406548
November	2010	2.095613	1.376945	3.472558
December	2010	2.243019	1.510963	3.753982
January	2011	2.37307	1.593766	3.966836
February	2011	2.255639	1.333769	3.589408
March	2011	2.018545	1.664414	3.682959
April	2011	2.222777	1.723413	3.946191
May	2011	2.045232	1.262709	3.307941
June	2011	2.214894	1.546714	3.761608
July	2011	1.859642	1.324017	3.183659
August	2011	2.03736	1.464729	3.502089
September	2011	2.130761	1.247576	3.378337
October	2011	1.950547	1.403442	3.353989
November	2011	1.904856	1.357978	3.262833
December	2011	1.735886	1.393432	3.129318
January	2012	1.929718	1.464939	3.394657
February	2012	2.050337	1.598886	3.649223
March	2012	1.922659	1.758027	3.680686
April	2012	1.881068	1.468447	3.349515
May	2012	2.083698	1.412479	3.496177
June	2012	1.814991	1.772782	3.587774
July	2012	2.13201	1.63822	3.770231
August	2012	1.975768	1.598047	3.573815
September	2012	1.879248	1.446961	3.326209
October	2012	1.910458	1.352999	3.263457
November	2012	1.660088	1.265966	2.926054

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
December	2012	1.569359	1.355092	2.924451
January	2013	1.648523	1.249407	2.89793
February	2013	1.582492	1.164354	2.746846
March	2013	1.577616	1.200612	2.778229
April	2013	1.428145	1.272782	2.700926
May	2013	1.550863	1.238376	2.789239
June	2013	1.755374	1.294064	3.049438
July	2013	1.680926	1.285414	2.966341
August	2013	1.786923	1.341638	3.12856
September	2013	1.957323	1.410954	3.368277
October	2013	1.636652	1.374554	3.011206
November	2013	1.656467	1.283009	2.939476
December	2013	1.740578	1.277596	3.018174
January	2014	1.778287	1.386362	3.16465
February	2014	1.545774	1.33323	2.879005
March	2014	1.472575	1.455251	2.927826
April	2014	1.859507	1.409435	3.268942
May	2014	1.847651	1.148386	2.996037
June	2014	1.528524	1.294267	2.822791
July	2014	1.725242	1.135176	2.860418
August	2014	1.755646	1.581764	3.337409
September	2014	1.862736	1.446224	3.30896
October	2014	1.50578	1.293067	2.798847
November	2014	1.78591	1.236844	3.022754
December	2014	1.551091	1.231913	2.783004
January	2015	1.852961	1.281958	3.134919
February	2015	1.907057	1.416316	3.323374
March	2015	1.64998	1.251515	2.901495
April	2015	1.770292	1.143434	2.913726
May	2015	1.84322	1.075678	2.918898
June	2015	1.683133	1.245057	2.92819
July	2015	1.753614	1.358355	3.11197
August	2015	1.772333	1.32925	3.101582
September	2015	1.98634	1.206602	3.192943
October	2015	1.824648	1.117802	2.94245
November	2015	1.810634	1.161964	2.972598
December	2015	1.474822	1.108847	2.583669

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
January	2016	1.722841	1.319391	3.042231
February	2016	1.811993	1.476224	3.288217
March	2016	1.488713	1.402411	2.891124
April	2016	1.600809	1.378475	2.979284
May	2016	1.748149	1.186817	2.934966
June	2016	1.855513	1.518649	3.374162
July	2016	1.871193	1.388651	3.259844
August	2016	1.965441	1.496966	3.462406
September	2016	1.427329	1.32697	2.754299
October	2016	1.399314	1.136607	2.535921
November	2016	1.440167	1.103576	2.543743
December	2016	1.591693	1.121663	2.713356
January	2017	1.657367	1.64138	3.298747
February	2017	1.693255	1.628357	3.321612
March	2017	1.817184	1.705275	3.522459
April	2017	1.650201	1.523686	3.173887
May	2017	1.674836	1.786848	3.461684
June	2017	1.698832	1.48372	3.182553
July	2017	1.749912	1.637875	3.387787
August	2017	1.526718	1.532056	3.058773
September	2017	1.567571	1.56207	3.129641
October	2017	1.429406	1.206228	2.635634
November	2017	1.555791	1.319399	2.87519
December	2017	1.3212	1.162019	2.48322
January	2018	1.706385	1.621859	3.328244
February	2018	1.571868	1.460844	3.032711
March	2018	1.509338	1.467119	2.976457
April	2018	1.581545	1.417937	2.999482
May	2018	1.552303	1.510064	3.062367
June	2018	1.38474	1.401095	2.785834
July	2018	1.484322	1.394523	2.878846
August	2018	1.636221	1.551771	3.187991
September	2018	1.727616	1.268376	2.995993
October	2018	1.679806	1.39275	3.072556
November	2018	1.642531	1.456377	3.098908
December	2018	1.675362	1.346651	3.022013
January	2019	1.494587	1.384072	2.87866

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
February	2019	1.823091	1.486341	3.309432
March	2019	1.603585	1.420766	3.024352
April	2019	1.509426	1.175196	2.684622
May	2019	1.602908	1.561002	3.16391
June	2019	1.605522	1.201411	2.806933
July	2019	1.650853	1.344944	2.995796
August	2019	1.673425	1.531787	3.205212
September	2019	1.473871	1.338405	2.812276
October	2019	1.396786	1.157039	2.553826
November	2019	1.459713	1.287982	2.747695
December	2019	1.47699	1.118144	2.595133
January	2020	1.513756	1.206844	2.7206
February	2020	1.51735	1.31799	2.83534
March	2020	1.473197	1.187895	2.661092
April	2020	1.347266	0.964642	2.311908
May	2020	1.194826	1.019585	2.21441
June	2020	1.3033	1.159129	2.462429
July	2020	1.390963	1.242746	2.633709
August	2020	1.298777	1.07265	2.371427
September	2020	1.13088	1.396969	2.527849
October	2020	1.340864	1.422128	2.762992
November	2020	1.447663	1.106684	2.554347
December	2020	1.182694	1.182694	2.365388

These data show the values that were graphed in the monthly plot of violence rates (Figure 30, “DSH Monthly Rates of Aggressive Incidents, per 1000 Patient Days”. Again, the monthly variability in violence can make discerning a trend difficult, for this reason, using the “smoothed” plots (such as Figure 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 2019 and 2020 is provided in Table VIII.4.

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

LEGAL CLASS	ADC 12/2019	ADC 12/2020	PERCENTAGE CHANGE
<b>CDCR:</b> Mentally Ill CDCR Inmate Patient	320.87	202.25	-33.2%
<b>DJJ:</b> Division of Juvenile Justice Patient	1	2	+100%
<b>IST:</b> Incompetent to Stand Trial Patient	1482.55	909.2	-38.7%
<b>LPS:</b> Lanterman-Petris-Short Patient	760.72	797.12	+4.8%
<b>MDSO:</b> Mentally Disordered Sexual Offender	15.16	13.77	- 9.2%
<b>NGRI:</b> Not Guilty by Reason of Insanity Patient	1407.7	1375.93	- 2.3%
<b>OMD:</b> Offender with Mental Health Disorder	1261.77	1291.1	+2.3%
<b>SVP:</b> Sexually Violent Predator Patient	956.32	942.45	- 1.5%

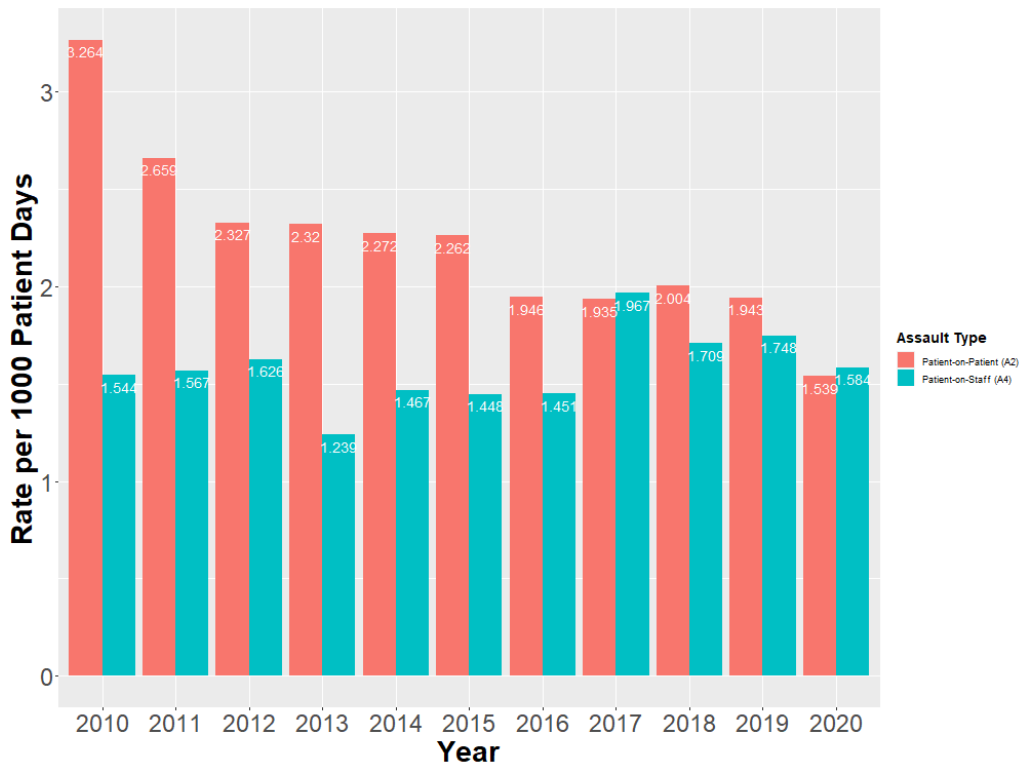
Data on the violence rates in DSH, per legal class, are presented in the next section in alphabetical order by legal class. Because there were too few patients in the DJJ and MDSO to present meaningful data, these groups were omitted.



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 for IST patients decreased 20.8%
- Patient-on-staff assaults for IST patients decreased 9.4%

Please see the tables and graphs below for more details.

**Table VIII.5**  
**DSH IST Yearly A2 Patient on Patient Assault Summary**

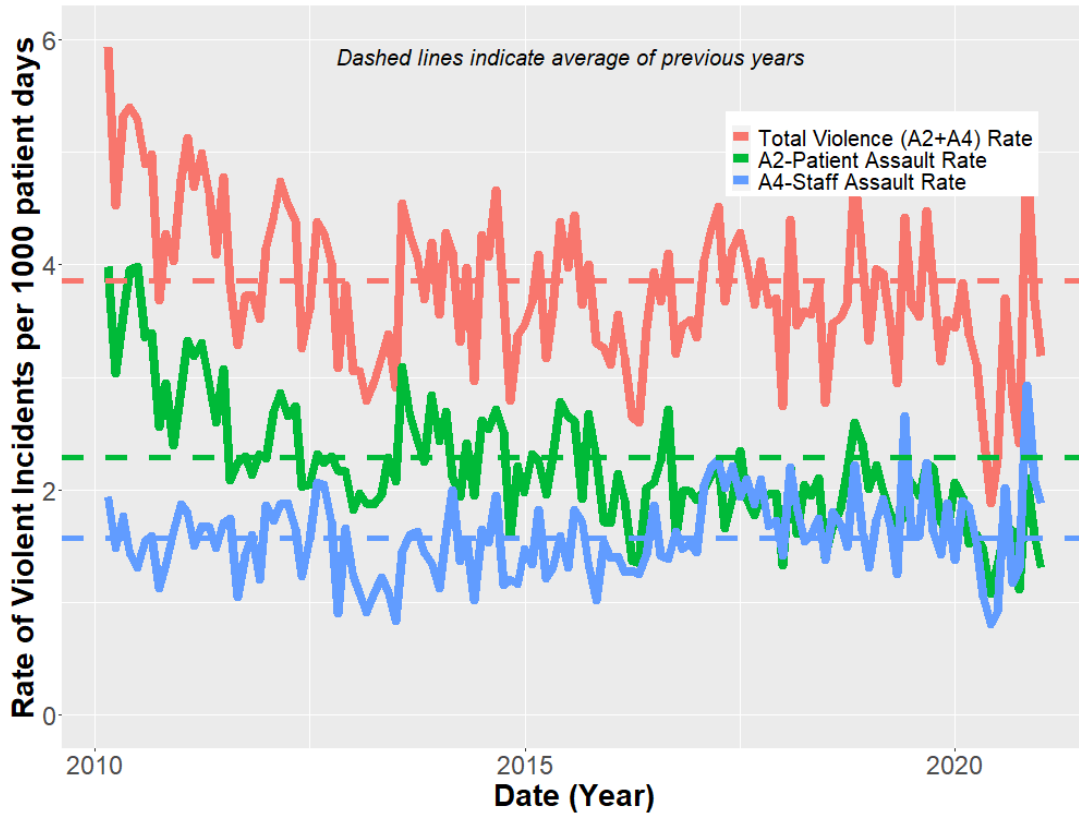
YEAR	IST ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1281	392485	3.264	NA
2011	1071	402730	2.659	-18.5
2012	989	424971	2.327	-12.5
2013	1037	447042	2.32	-0.3
2014	1078	474429	2.272	-2.1
2015	1132	500536	2.262	-0.4
2016	1050	539685	1.946	-14
2017	1023	528645	1.935	-0.6
2018	998	498069	2.004	3.6
2019	1029	529637	1.943	-3
2020	649	421836	1.539	-20.8

**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	606	392485	1.544	NA
2011	631	402730	1.567	1.5
2012	691	424971	1.626	3.8
2013	554	447042	1.239	-23.8
2014	696	474429	1.467	18.4
2015	725	500536	1.448	-1.3
2016	783	539685	1.451	0.2
2017	1040	528645	1.967	35.6
2018	851	498069	1.709	-13.1
2019	926	529637	1.748	2.3
2020	668	421836	1.584	-9.4

## Monthly Violence Rates

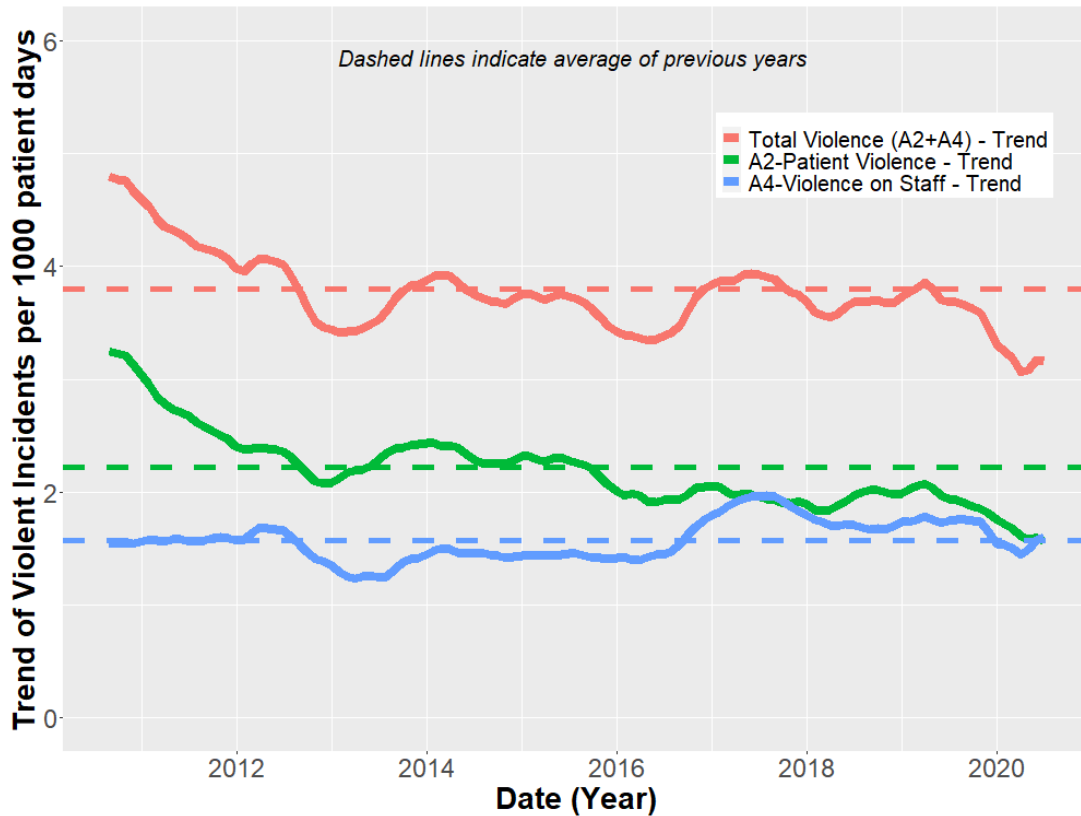
**Figure VIII.4**  
**Monthly Rates of IST Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for IST patients. 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 for IST patients. 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 for LPS patients decreased 11.6%
- Patient-on-staff assaults for LPS patients decreased 19.2%

Please see the tables and graphs below for more details.

**Table VIII.7**  
**DSH LPS Yearly A2 Patient on Patient Assault Summary**

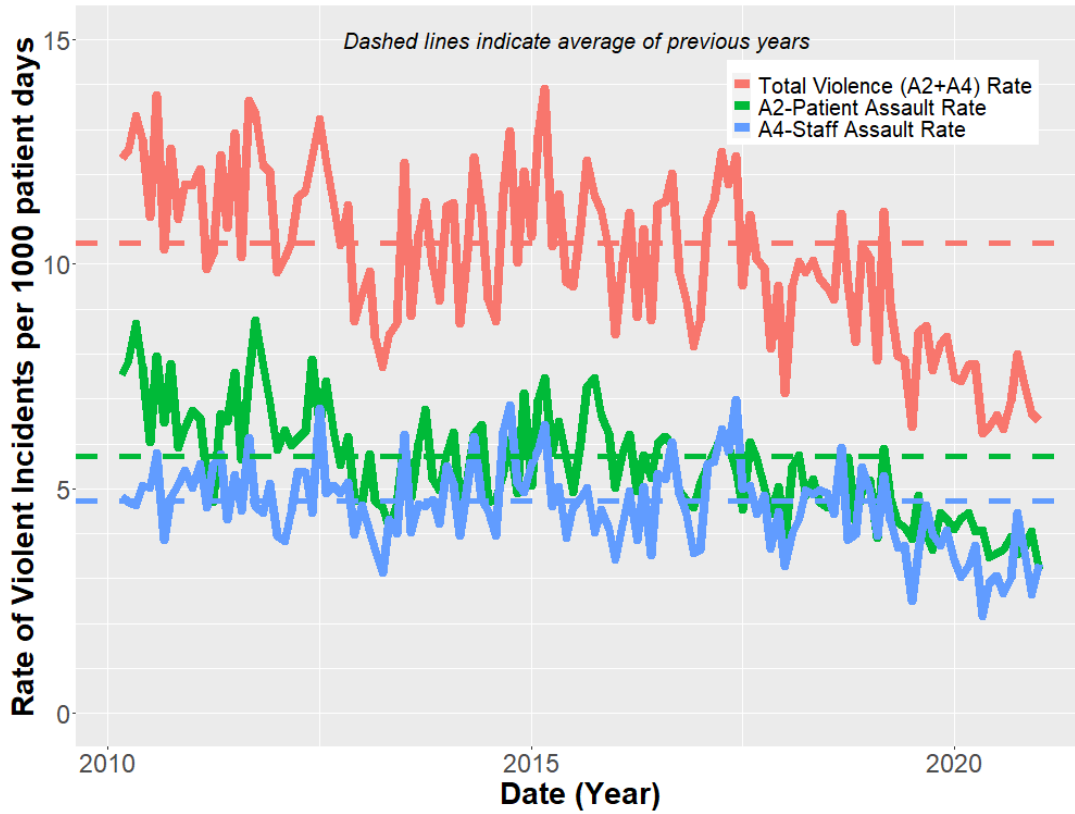
YEAR	LPS ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1202	167309	7.184	NA
2011	1252	187966	6.661	-7.3
2012	1241	201773	6.15	-7.7
2013	1056	199503	5.293	-13.9
2014	1185	212769	5.569	5.2
2015	1441	227909	6.323	13.5
2016	1317	241387	5.456	-13.7
2017	1361	257748	5.28	-3.2
2018	1375	272359	5.048	-4.4
2019	1230	283126	4.344	-13.9
2020	1113	289991	3.838	-11.6

**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	825	167309	4.931	NA
2011	937	187966	4.985	1.1
2012	992	201773	4.916	-1.4
2013	882	199503	4.421	-10.1
2014	1108	212769	5.208	17.8
2015	1066	227909	4.677	-10.2
2016	1101	241387	4.561	-2.5
2017	1308	257748	5.075	11.3
2018	1288	272359	4.729	-6.8
2019	1105	283126	3.903	-17.5
2020	914	289991	3.152	-19.2

## Monthly Violence Rates

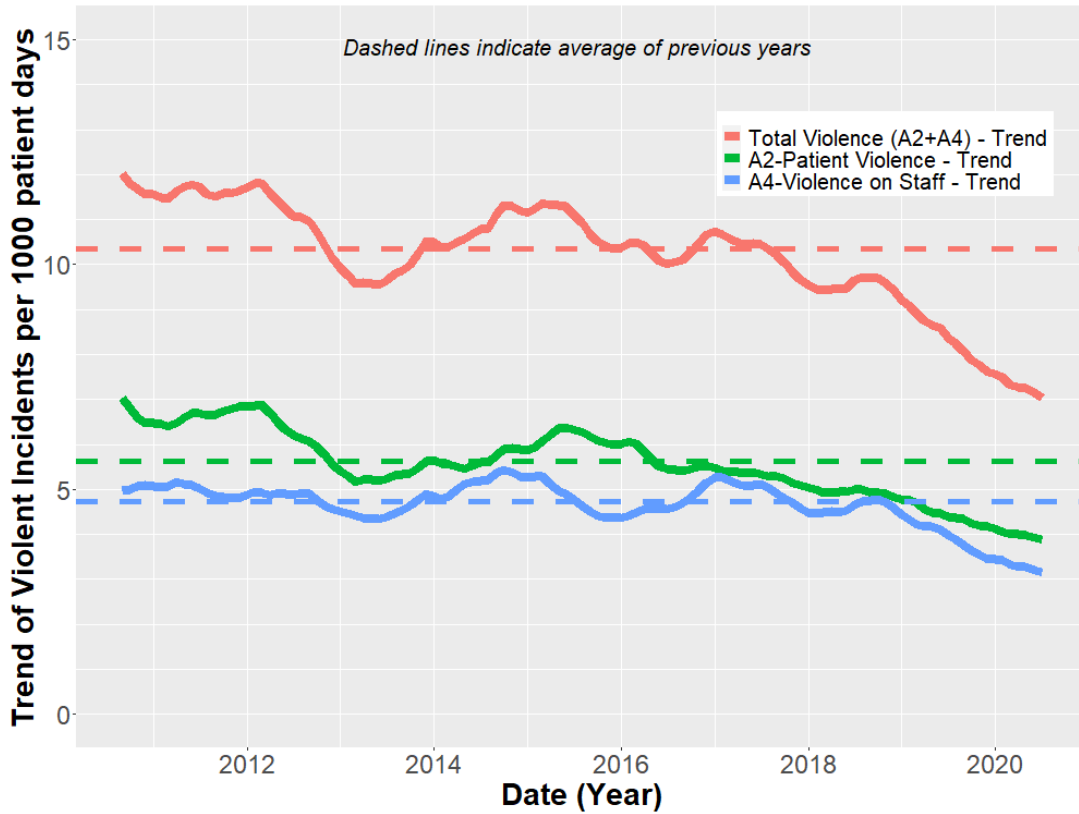
**Figure VIII.7**  
**Monthly Rates of LPS Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for LPS patients. 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**



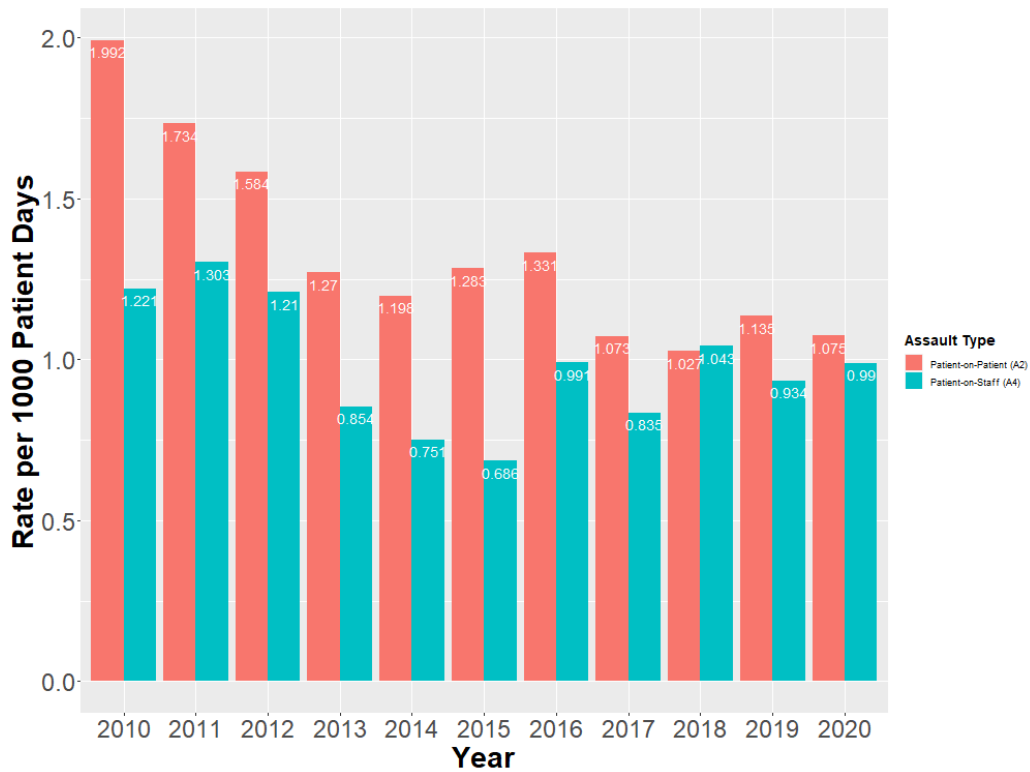
This graph presents the trend data of the monthly rates for LPS patients. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & 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 for OMD patients decreased 5.3%
- Patient-on-staff assaults for OMD patients increased 6.0%

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	516	502431	1.027	-4.3
2019	547	481840	1.135	10.5
2020	501	465865	1.075	-5.3

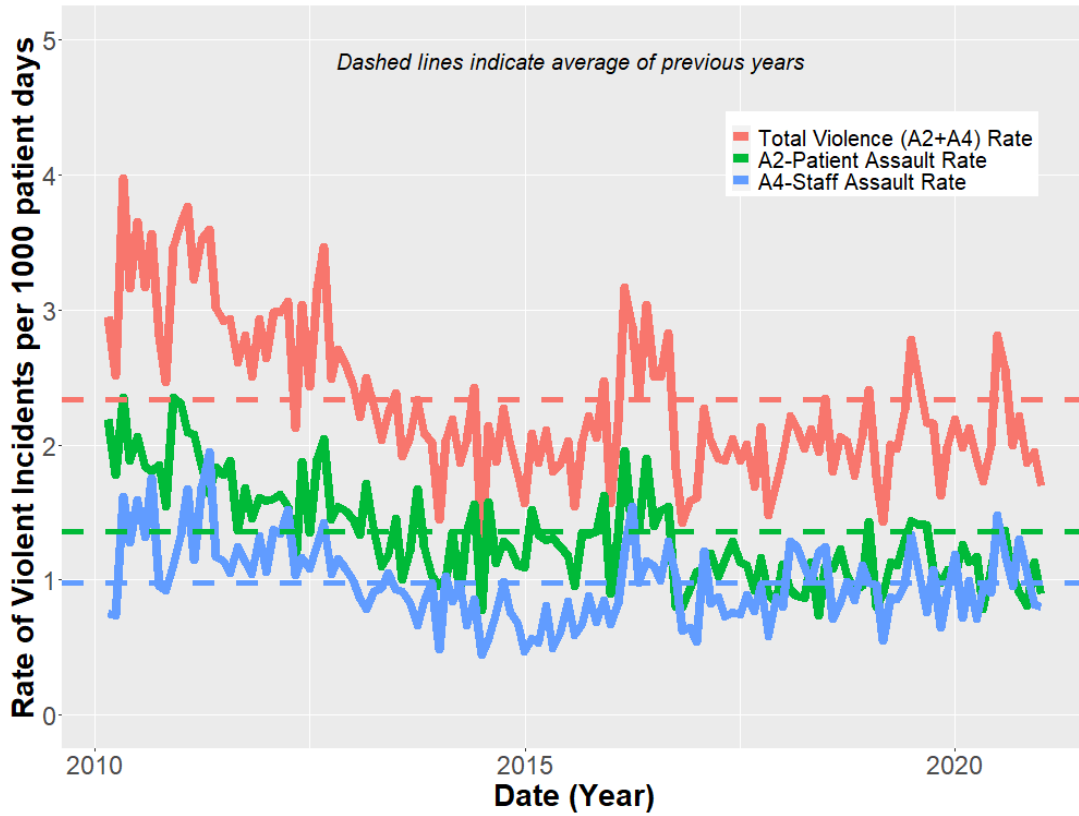
**Table VIII.10**  
**DSH OMD Yearly A4 Patient on Staff Assault Summary**

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	524	502431	1.043	24.9
2019	450	481840	0.934	-10.5
2020	461	465865	0.99	6

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

## Monthly Violence Rates

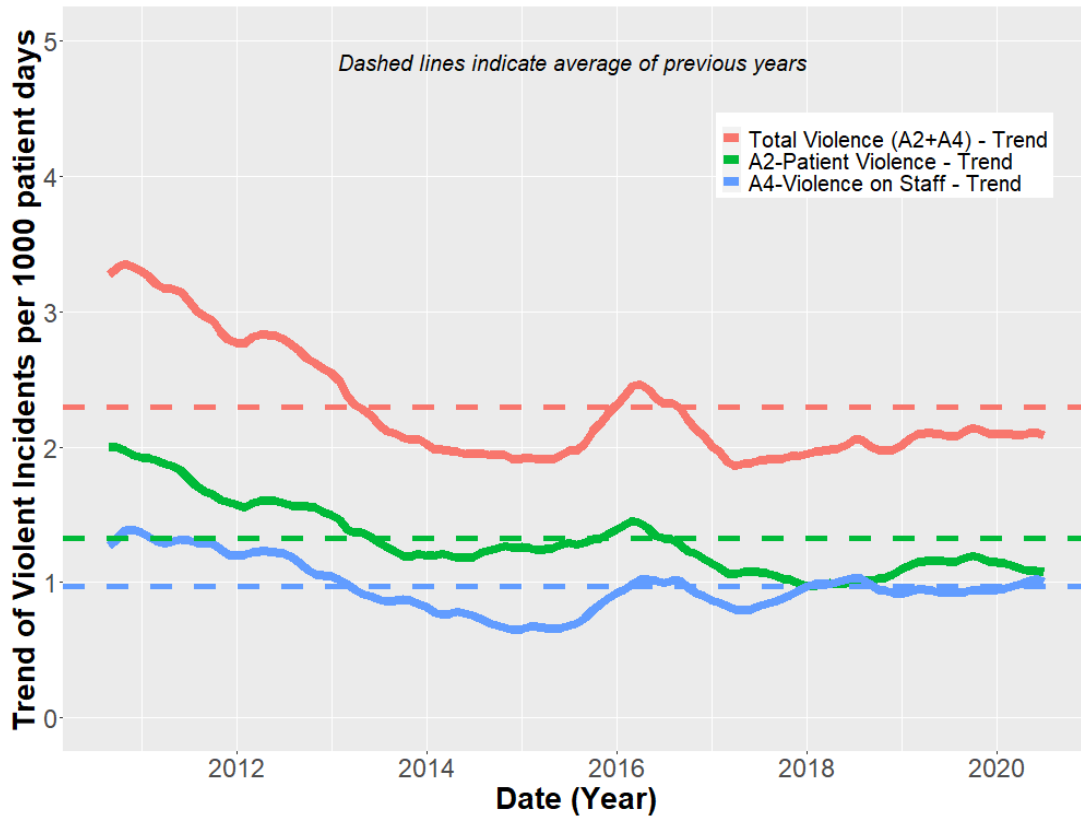
**Figure VIII.10**  
**Monthly Rates of OMD Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for OMD patients. 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**

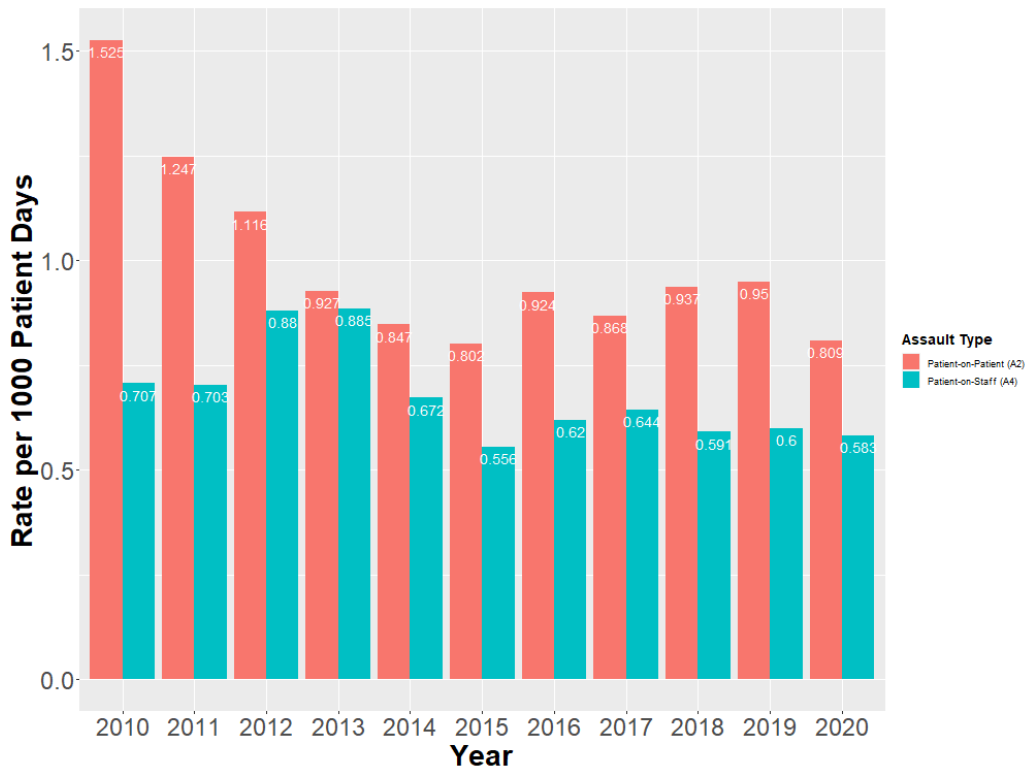


This graph presents the trend data of the monthly rates for OMD patients. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & 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 for NGRI patients decreased 14.8%
- Patient-on-staff assaults for NGRI patients decreased 2.8%

Please see the tables and graphs below for more details.

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

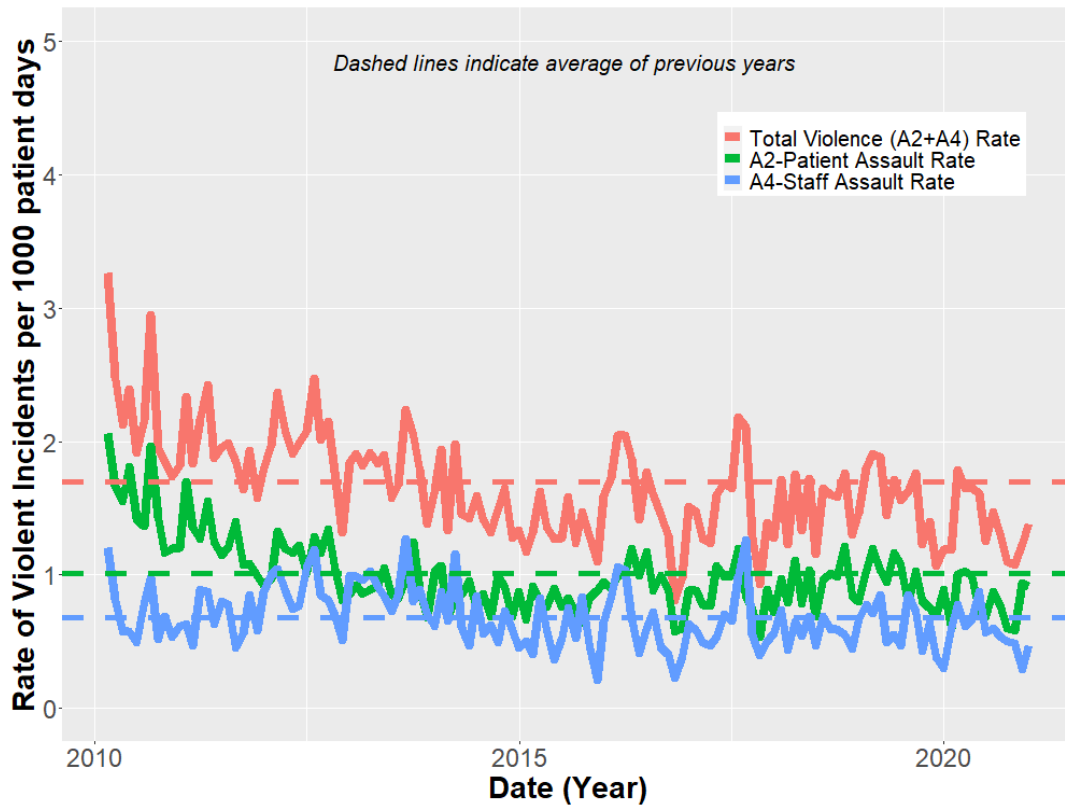
YEAR	NGRI ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	686	449798	1.525	NA
2011	622	498969	1.247	-18.2
2012	554	496509	1.116	-10.5
2013	464	500690	0.927	-16.9
2014	429	506285	0.847	-8.6
2015	411	512222	0.802	-5.3
2016	471	509770	0.924	15.2
2017	437	503361	0.868	-6.1
2018	480	512457	0.937	7.9
2019	488	513610	0.95	1.4
2020	414	511446	0.809	-14.8

**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	318	449798	0.707	NA
2011	351	498969	0.703	-0.6
2012	437	496509	0.88	25.2
2013	443	500690	0.885	0.6
2014	340	506285	0.672	-24.1
2015	285	512222	0.556	-17.3
2016	316	509770	0.62	11.5
2017	324	503361	0.644	3.9
2018	303	512457	0.591	-8.2
2019	308	513610	0.6	1.5
2020	298	511446	0.583	-2.8

## Monthly Violence Rates

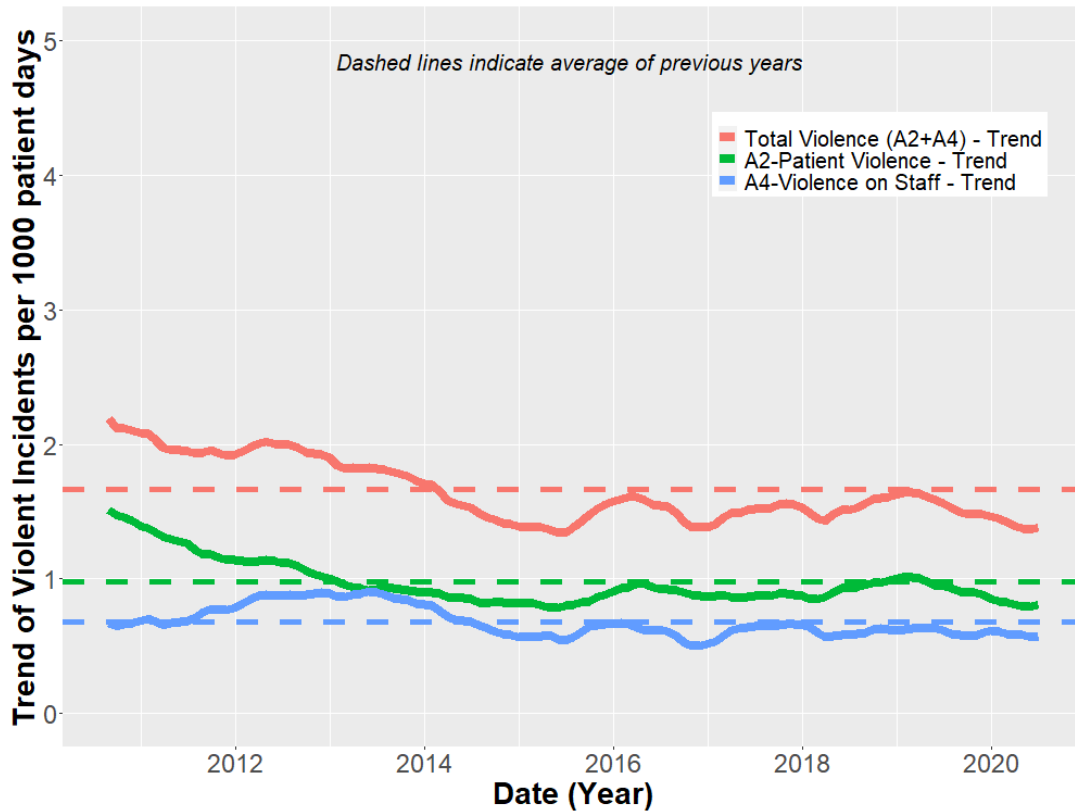
**Figure VIII.13**  
**Monthly Rates of NGRI Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for NGRI patients. 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 for NGRI patients. 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 for CDCR patients decreased 7.0%
- Patient-on-staff assaults for CDCR patients increased 4.7%

Please see the tables and graphs below for more details.

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

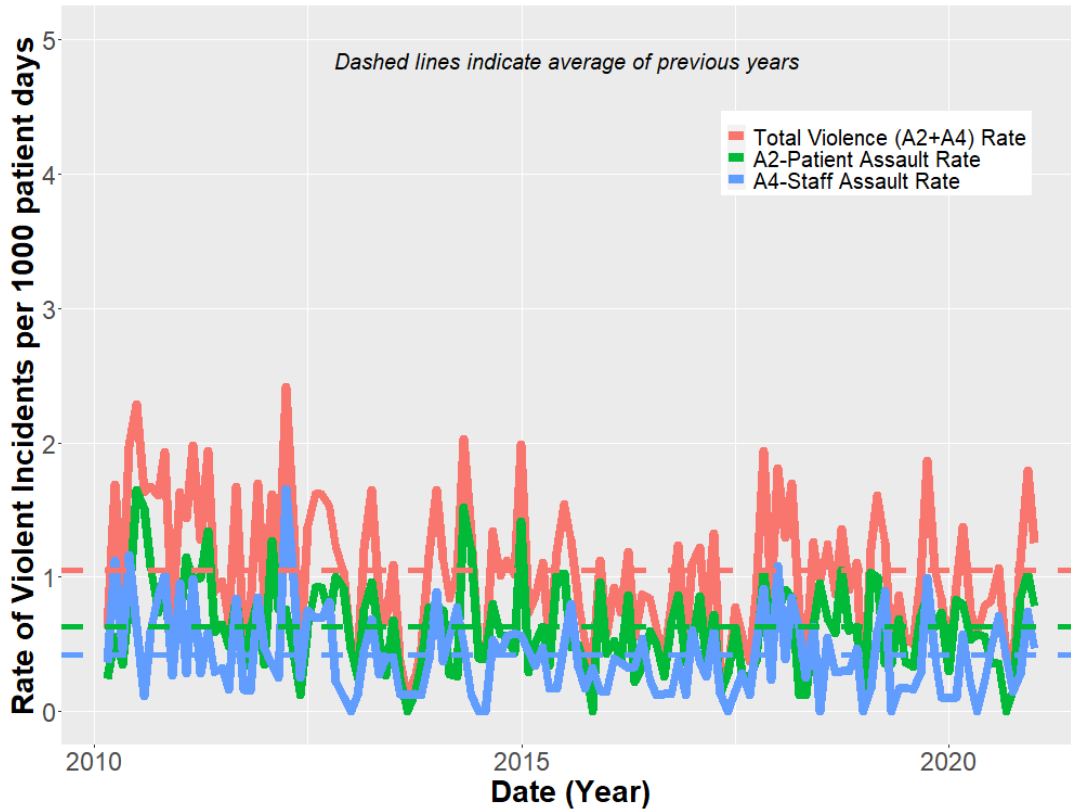
YEAR	CDCR ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	73	89576	0.815	NA
2011	61	79955	0.763	-6.4
2012	75	99466	0.754	-1.2
2013	43	90337	0.476	-36.9
2014	65	89669	0.725	52.3
2015	40	73840	0.542	-25.2
2016	50	98815	0.506	-6.6
2017	50	93567	0.534	5.5
2018	51	86136	0.592	10.9
2019	51	83094	0.614	3.7
2020	55	96365	0.571	-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
2020	34	96365	0.353	4.7

## Monthly Violence Rates

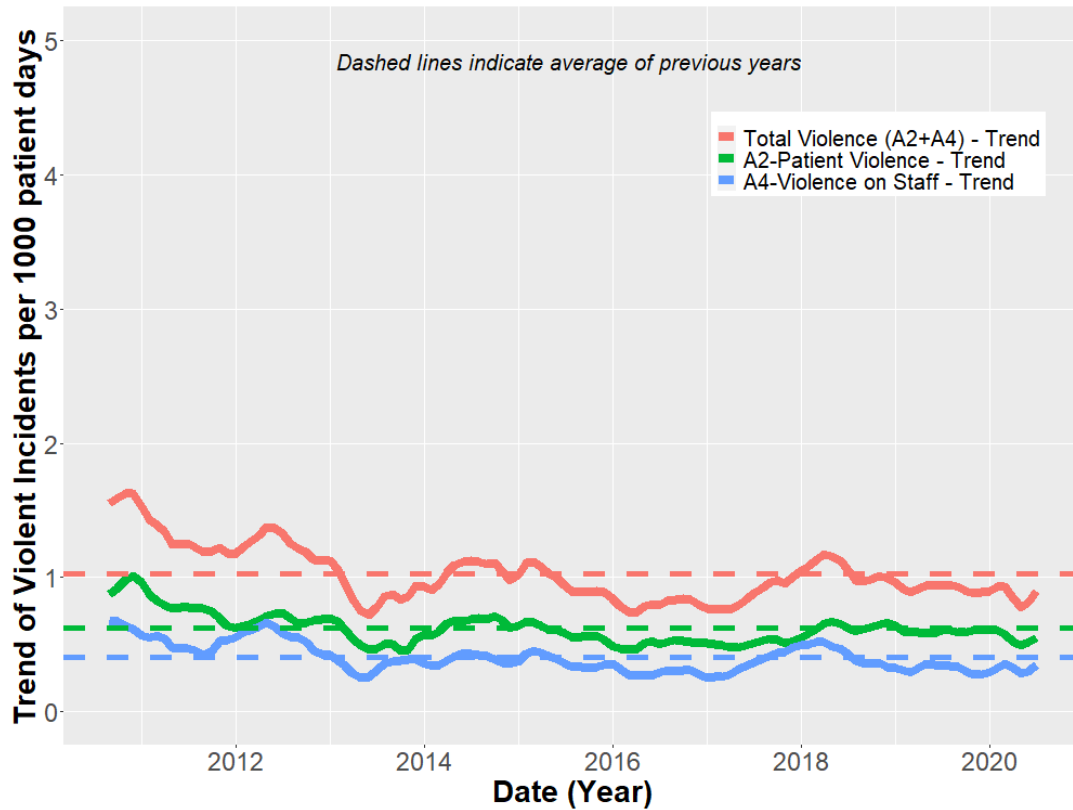
**Figure VIII.17**  
**Monthly Rates of CDCR Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for CDCR patients. 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**

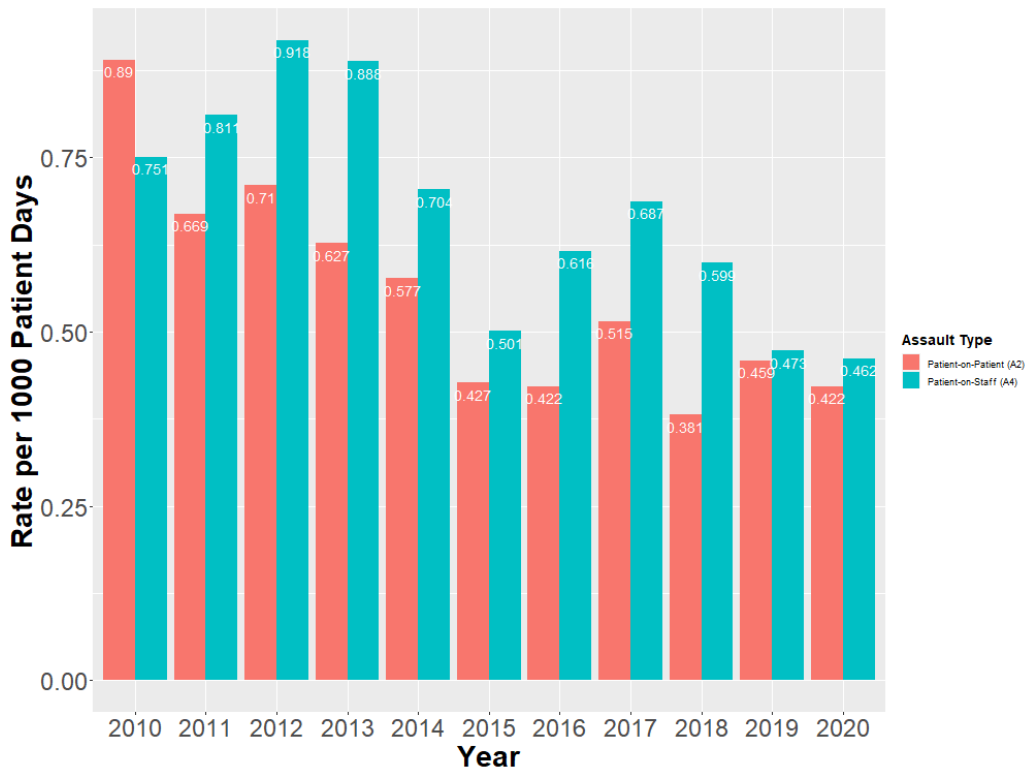


This graph presents the trend data of the monthly rates for CDCR patients. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & 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 for SVP patients decreased 8.1%
- Patient-on-staff assaults for SVP patients decreased 2.3%

Please see the tables and graphs below for more details.

**Table VIII.15**  
**DSH SVP Yearly A2 Patient on Patient Assault Summary**

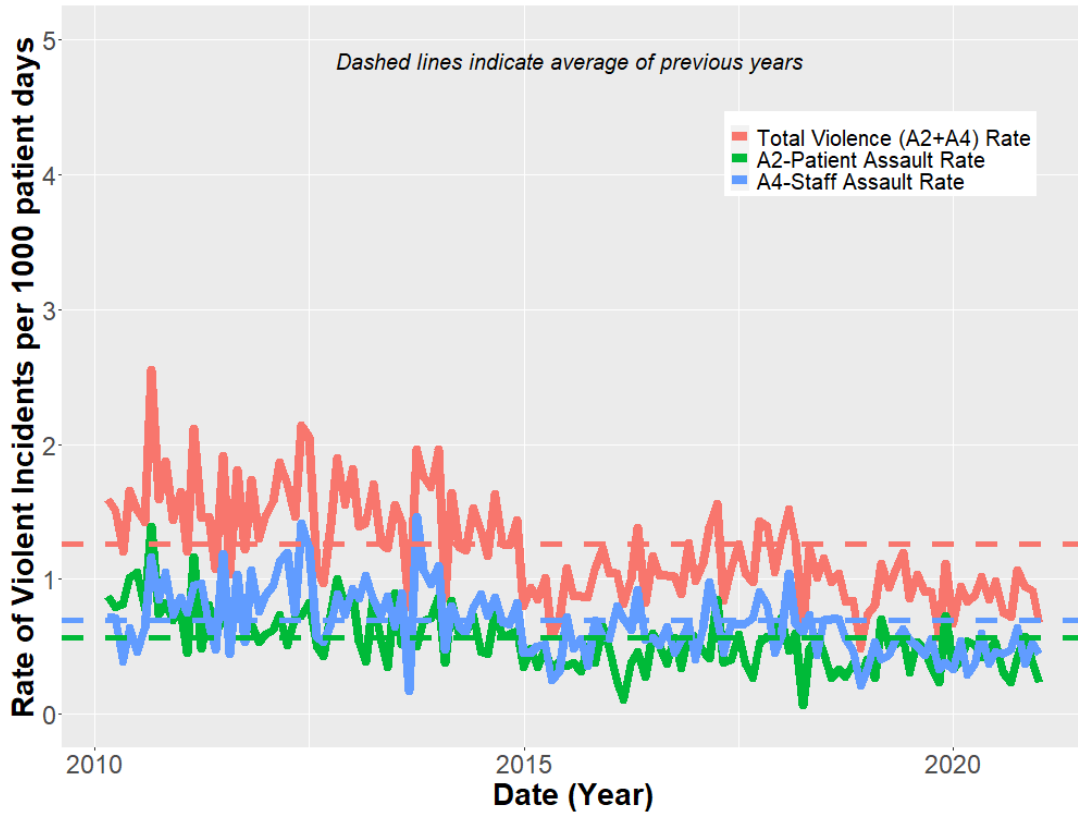
YEAR	SVP ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	255	286447	0.89	NA
2011	212	317075	0.669	-24.8
2012	232	326960	0.71	6.1
2013	211	336696	0.627	-11.7
2014	196	339488	0.577	-8
2015	144	337447	0.427	-26
2016	145	343989	0.422	-1.2
2017	179	347731	0.515	22
2018	133	348725	0.381	-26
2019	161	350882	0.459	20.5
2020	146	346263	0.422	-8.1

**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	350882	0.473	-21
2020	160	346263	0.462	-2.3

## Monthly Violence Rates

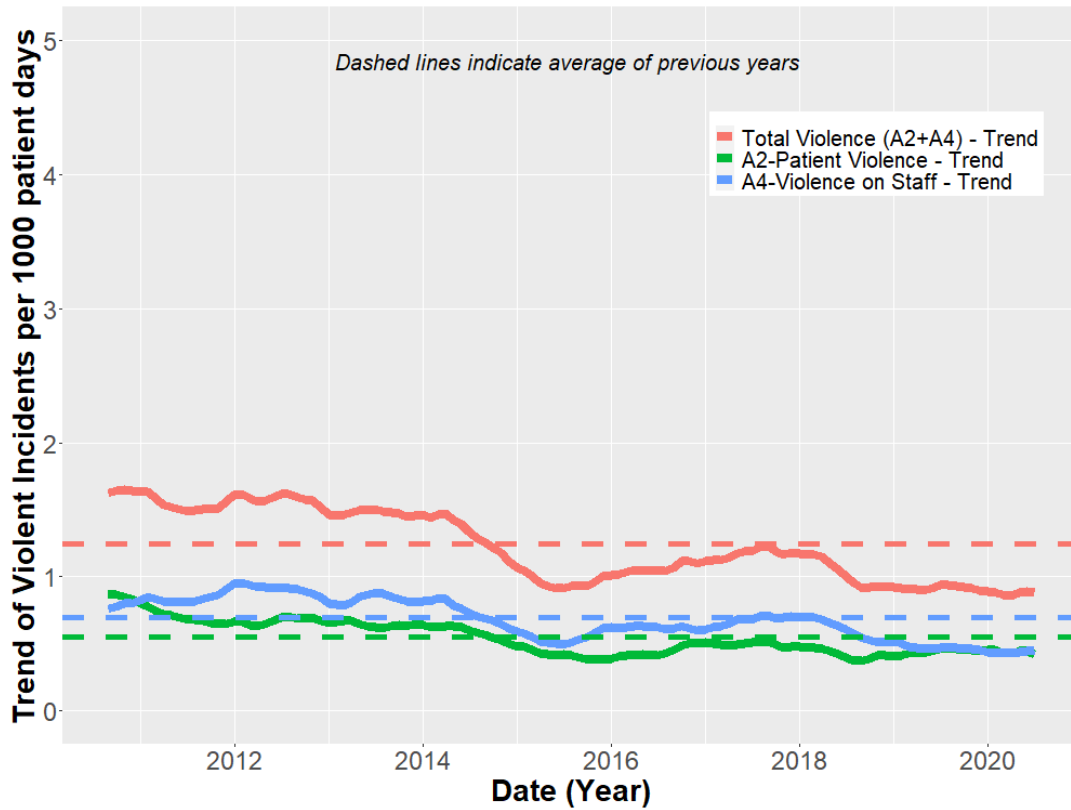
**Figure VIII.20**  
**Monthly Rates of SVP Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence for SVP patients. 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 for SVP patients. 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 2010-2020, 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	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2010	219.29	0	82.65	3	599.04	3.42	124.29	11.8	1043.49
2/28/2010	241.18	0	77.54	3	586.64	3	123.21	12	1046.57
3/31/2010	251.29	0	65.81	3	583.16	3	123.03	12	1041.29
4/30/2010	254.43	0	66.7	3	586.13	3	122.13	11.24	1046.63
5/31/2010	249.71	0	108.13	3	592.58	3	121.55	12	1089.97
6/30/2010	236.57	0	170.33	2.93	601.56	3	123.5	10.5	1148.39
7/31/2010	249.13	0	190.97	2	600.65	3	124.16	5	1174.91
8/31/2010	242.16	0	194.58	2	609.42	3	122.19	5.9	1179.25
9/30/2010	243.03	0	216.77	2	606.33	3	125.67	7	1203.8
10/31/2010	227.94	0	239.19	2.06	610.77	3	124.48	7.74	1215.18
11/30/2010	224.27	0	237.83	3	611.8	3	126.37	8	1214.27
12/31/2010	215.74	0	234.45	3	622.16	3	124.39	8.39	1211.13
1/31/2011	206.77	0	227.77	3	629.61	2.32	122.52	7.77	1199.76
2/28/2011	201.36	0	208.64	3	630.46	2	122.75	8.21	1176.42
3/31/2011	213.03	0	199.45	3	640.49	2	125.33	7	1190.3
4/30/2011	206.9	0	201.63	3	646	2	129.64	7	1196.17
5/31/2011	201.29	0	163.1	3.03	646.65	2	130.55	7.74	1154.36
6/30/2011	192.37	0	125.33	3	644.2	2	130.66	7.46	1105.02
7/31/2011	180.84	0	99.65	3	652.15	2	130.19	7.71	1075.54
8/31/2011	174.65	0	94.13	3	653.67	1.84	127.35	7.55	1062.19
9/30/2011	178.3	0	94.27	3	652.66	1	125.1	7	1061.33
10/31/2011	188.58	0	99.58	3.45	652.87	1	123.48	7	1075.96
11/30/2011	200.7	0	88.5	4.03	637.1	1	125.33	7	1063.66
12/31/2011	213.52	0	83	4.26	639.16	1	124.7	6.94	1072.58
1/31/2012	212.13	0	83.03	4	646.52	1	123.35	5.81	1075.84
2/29/2012	205.9	0	88.21	4.31	646.07	1	123.89	5	1074.38
3/31/2012	193.42	0	100.61	5	643.12	1	123.58	5.71	1072.44
4/30/2012	183.63	0	122.3	5	637	1	125.13	5	1079.06
5/31/2012	196.68	0	142.48	5	628.36	1	122.8	4.94	1101.26
6/30/2012	205.23	0	138.13	5	617.87	1	122.3	4	1093.53
7/31/2012	218	0	133.06	5.13	610.26	1	121.81	4	1093.26
8/31/2012	220.55	0	127.77	4.48	599.44	1	125.51	4	1082.75
9/30/2012	226.9	0	125.17	4	597.27	1	128.1	4	1086.44
10/31/2012	235.32	0	133.16	4.03	583.77	1	132.19	3.52	1092.99

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
11/30/2012	234.73	0	157.87	4	588	1	131.47	3	1120.07
12/31/2012	227.16	0	162.22	4	586.45	1	131.84	3	1115.67
1/31/2013	209.39	0	170.55	4	592.65	1	130.36	4.19	1112.14
2/28/2013	199.61	0	174.21	4.39	592.15	1	127.75	4	1103.11
3/31/2013	195.48	0	186.58	6	563.48	1	127.16	4	1083.7
4/30/2013	197.43	0	183.8	6	568.5	1	126.2	4	1086.93
5/31/2013	200.16	0	184.1	6.97	554.12	1	126.17	4	1076.52
6/30/2013	204.03	0	173.47	7	546.73	1	124.8	4	1061.03
7/31/2013	200.94	0	164.38	7	530.1	1	125.84	4	1033.26
8/31/2013	217.03	0	153.65	6.65	533.61	1	126.39	4	1042.33
9/30/2013	211.23	0	146.53	6	535.94	1	127.1	4	1031.8
10/31/2013	212.61	0	127	4.06	533.9	1	128.39	4	1010.96
11/30/2013	207	0	119.73	4.03	538.96	1	129	4	1003.72
12/31/2013	202.39	0	115.81	4.39	533.61	1	128.74	4	989.94
1/31/2014	205.65	0	113.9	4.35	539.75	1	130.45	4	999.1
2/28/2014	203.89	0	126.22	4.14	541.24	1	134.61	4	1015.1
3/31/2014	198.68	0	152.35	5	543.71	1	137.55	4	1042.29
4/30/2014	211.4	0	164.07	5.04	554.84	1	138.37	4	1078.72
5/31/2014	215.61	0	181.42	4.61	552.71	1	138.59	3.58	1097.52
6/30/2014	199.97	0	186.93	5.13	557.24	1	136.8	3.2	1090.27
7/31/2014	196.68	0	183.65	5.68	566	1	139.87	3.48	1096.36
8/31/2014	189.06	0	191.87	5	570.99	1	142.58	3	1103.5
9/30/2014	178.9	0	191.5	5	581.43	1	142.9	3	1103.73
10/31/2014	178.19	0	183.16	6	585.94	1	143.03	3.26	1100.58
11/30/2014	177.73	0	184.7	6	590.93	1	140.13	3.2	1103.69
12/31/2014	175.23	0	173.7	6	597.36	1	140.42	2	1095.71
1/31/2015	166.74	0	164.77	7	613.68	1	141.36	2	1096.55
2/28/2015	159.39	0	164.39	7	623.29	1	140.28	2	1097.35
3/31/2015	155.13	0	163.29	8	634.45	1	142.84	0.87	1105.58
4/30/2015	148.4	0	160.07	7.97	639.33	1	144.26	0	1101.03
5/31/2015	150.45	0	168.84	7	631.58	1	142.35	0	1101.22
6/30/2015	150.37	0	164.2	7	635.13	1	143.8	0	1101.5
7/31/2015	150.1	0	173.52	7	615	1	143.61	0	1090.23
8/31/2015	145.06	0	209.13	7	574.16	1	146.19	0.19	1082.73
9/30/2015	143	0	236.17	7.5	573.74	1	144.27	1	1106.68
10/31/2015	145.84	0	251.87	8	582.61	1	145.29	1	1135.61
11/30/2015	158.7	0	248.74	8	580.73	1	146.3	1	1144.47

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
12/31/2015	172.87	0	237.13	8	581.09	1	143.74	1	1144.83
1/31/2016	193.32	0	226.81	8.61	582.51	0.97	141.22	0.45	1153.89
2/29/2016	229.1	0	213.14	10	583.66	1	135.97	0.03	1172.9
3/31/2016	248.74	0	207.55	9.1	564.64	1	127.71	1.23	1159.97
4/30/2016	248.57	0	216.97	9	564.1	1	121.93	1.06	1162.63
5/31/2016	247.42	0	227.2	9.19	576.13	1	118.74	1.26	1180.94
6/30/2016	232.83	0	242.37	10	569.87	1	119.8	1	1176.87
7/31/2016	217.61	0	243.9	10	567.32	0.94	119.84	1.03	1160.64
8/31/2016	212.35	0	231.42	9.26	563.9	1	120.23	1	1139.16
9/30/2016	210.1	0	228.07	10.57	573.4	1	119.4	1	1143.54
10/31/2016	216.87	0	258.9	10.74	573.97	1	120.03	1	1182.51
11/30/2016	223.03	0	256.7	10.5	573.53	1	120.9	1	1186.66
12/31/2016	217.59	0	248.04	10	583	1	119.49	3	1182.12
1/31/2017	216	0	244.45	10.42	591.81	1	121	4.29	1188.97
2/28/2017	222.85	0	221.78	11	594.78	1	122	5	1178.41
3/31/2017	217.87	0	216.55	10.94	605.83	1	124.35	5.58	1182.12
4/30/2017	203.86	0	222.53	11	617.06	1	124.13	6	1185.58
5/31/2017	182.71	0	240.84	11	610.91	1	126	5.16	1177.62
6/30/2017	170.4	0	240.84	11.27	619.17	1	127.2	4.63	1174.51
7/31/2017	174.22	0	217.74	11.64	627.81	1	129.26	4.65	1166.32
8/31/2017	198.13	0	192.16	11.29	618.84	1	131.68	4	1157.1
9/30/2017	211.07	0	180.4	11.2	630.23	1	131.5	4.5	1169.9
10/31/2017	223.97	0	168.97	10.06	646.91	1	130.94	5	1186.85
11/30/2017	223.83	0	160.24	11.5	642.07	1	133.6	4.63	1176.87
12/31/2017	211.45	0	177.06	12	636.48	1	134	5.61	1177.6
1/31/2018	194.1	0	185.49	12.77	643.67	1	134.81	7.52	1179.36
2/28/2018	190.46	0	176.89	13	650.54	1	136.36	8.14	1176.39
3/31/2018	202.06	0	162.17	12.94	651.81	1	136.23	8	1174.21
4/30/2018	197.33	0	159.37	12	660.11	1	137.6	4.77	1172.18
5/31/2018	187.26	0	173.61	12	665.13	1	139.58	2	1180.58
6/30/2018	172.1	0	181.76	12.03	665.23	1	139.67	2	1173.79
7/31/2018	160.65	0	171.78	12.48	672.94	1	141.06	1.84	1161.75
8/31/2018	149.29	0	182.9	13	671.29	1	140.9	1.13	1159.51
9/30/2018	154.03	0	183.86	12.4	656.63	1	141.3	0.83	1150.05
10/31/2018	153.16	0	194.06	11.71	647.97	1	138.68	0.87	1147.45
11/30/2018	152.6	0	208.84	11.03	641.27	0	137.57	0	1151.31
12/31/2018	143	0	217.26	12	624.29	0	142.1	0	1138.65

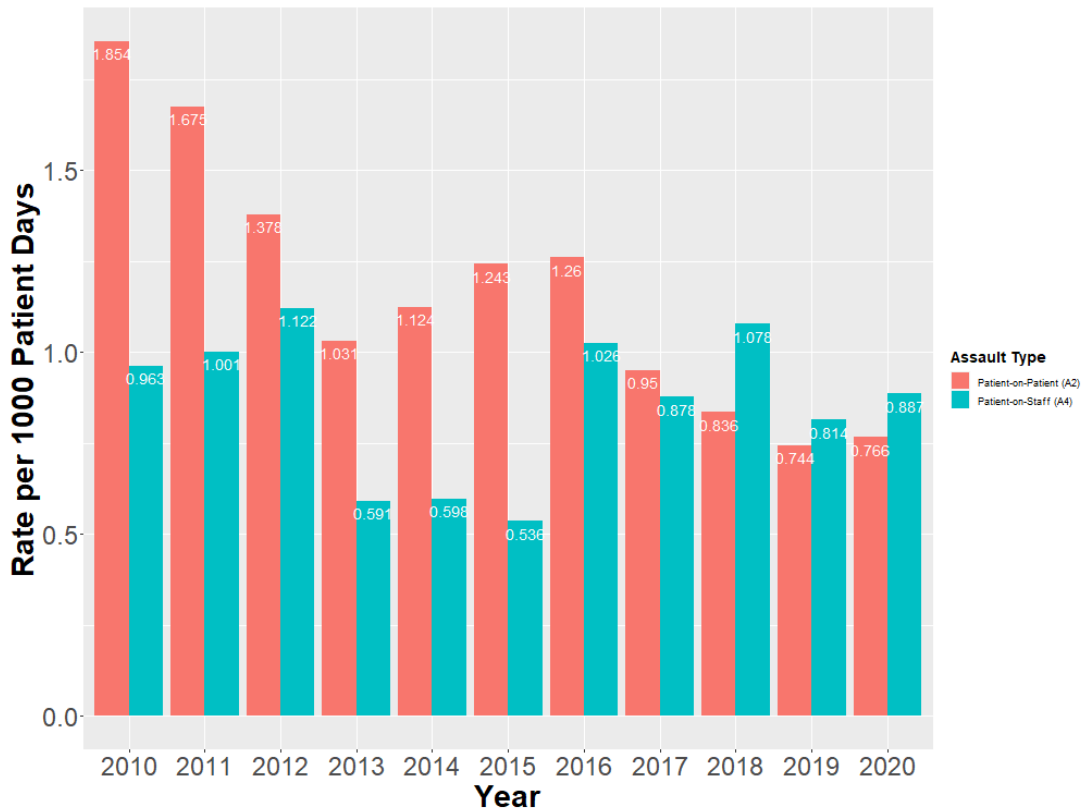
DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2019	130.32	0	244.8	12.23	619.58	0	143.68	0	1150.61
2/28/2019	124.36	0	266.18	13.86	606.93	0	141.07	0	1152.4
3/31/2019	125.1	0	281.29	15	595.38	0	140.06	0	1156.83
4/30/2019	132.63	0	288.7	14.47	570.1	0	139.53	0	1145.43
5/31/2019	133.42	0	292.64	14.13	552.39	0	144.87	0	1137.45
6/30/2019	135.2	0	295.13	14.17	534.9	0	150.27	0	1129.67
7/31/2019	148.68	0	296.38	15	521.61	0	151.2	0	1132.87
8/31/2019	175.52	0	283.42	14.9	518.48	0	153.61	0	1145.93
9/30/2019	209.8	0	267.9	13.8	504.13	0	155.24	0	1150.87
10/31/2019	244.68	0	243.52	13	487.96	0	156.29	0	1145.45
11/30/2019	254.07	0	246.96	13	472.2	0	160.43	0	1146.66
12/31/2019	254.03	0	256.46	13.26	458.96	0	159.61	0	1142.32
1/31/2020	248.06	0	245.29	14	464.96	0	163.32	0	1135.63
2/29/2020	242.86	0	247.27	14.17	464.14	0	163.72	0	1132.16
3/31/2020	237.71	0	237.19	15	476.99	0	164.1	0	1130.99
4/30/2020	230.9	0	224.43	15.94	484.6	0	162.3	0	1118.17
5/31/2020	230.32	0	209.2	16.32	485.52	0	162.1	0	1103.46
6/30/2020	225.63	0	159.57	18.77	478.27	0	164.49	0	1046.73
7/31/2020	218.58	0	148.36	20	469.84	0	162.93	0	1019.71
8/31/2020	190.97	0	142.81	20	489.23	0	161.19	0.19	1004.39
9/30/2020	176.67	0	149.2	20.07	501.07	0	163.74	1	1011.75
10/31/2020	182.94	0	168.23	21	495.48	0	161.8	1	1030.45
11/30/2020	174.73	0	158.57	21	488.9	0	160.87	1	1005.07
12/31/2020	162.06	0	144.07	21	488.55	0	160	2	977.68

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 2020 the number of patient-on-patient assaults at DSH-Atascadero decreased 4.5% from the 2019 (Table IV.A.1), while the number of patient on staff assaults increased by 1.2% from 2019 (see Table IV.A.2).
- ▶▶ Coupled with a population decrease (measured in “total patient days”) in 2020 of 7.2%, the rate of patient-on-patient assaults at DSH-Atascadero increased 3.0% from 2019 (see Table IV.A.1), while the rate of patient on staff assault increased 9.0% from 2019 (see Table IV.A.2).

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

**Table 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	417802	0.744	-11
2020	297	387756	0.766	3

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

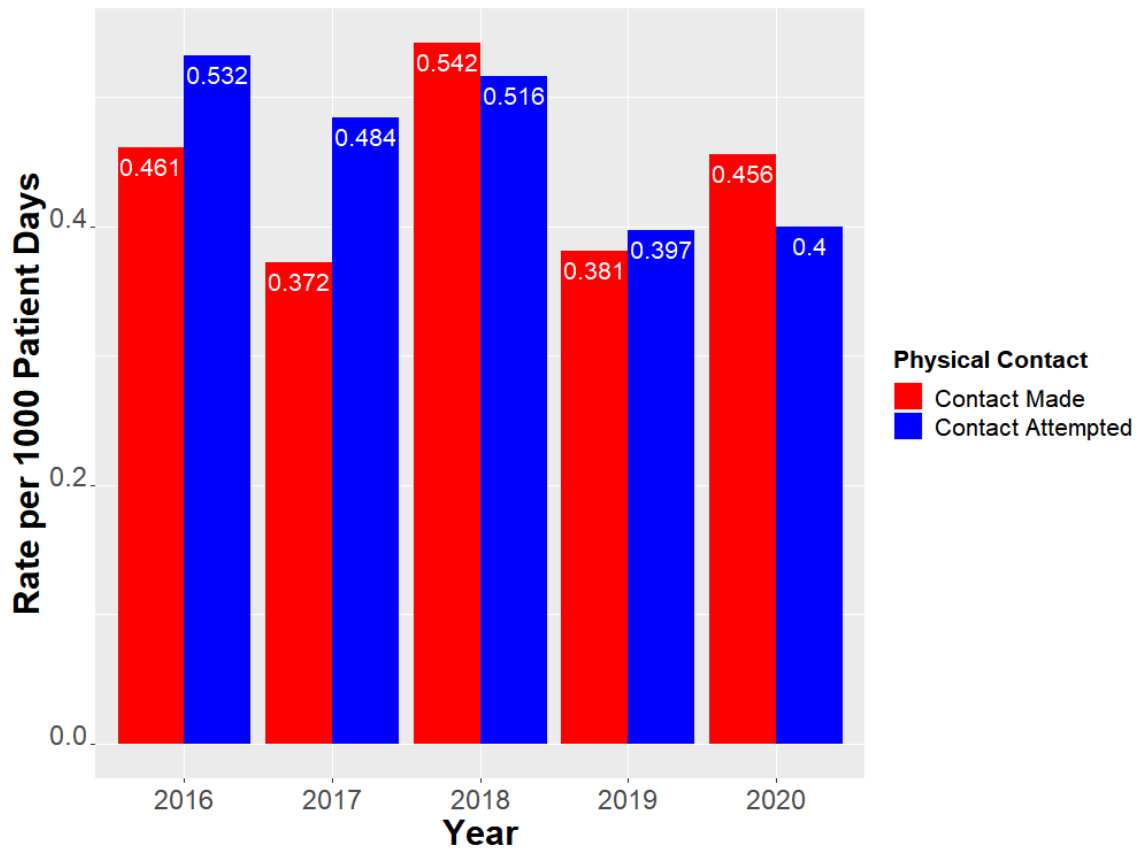
YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	399	414309	0.963	NA
2011	409	408478	1.001	3.9
2012	448	399192	1.122	12.1
2013	227	384206	0.591	-47.3
2014	235	393302	0.598	1.2
2015	217	404796	0.536	-10.4
2016	438	427041	1.026	91.4
2017	377	429536	0.878	-14.4
2018	458	424745	1.078	22.8
2019	340	417802	0.814	-24.5
2020	344	387756	0.887	9

Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. 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.3**  
**DSH – Atascadero Staff Assaults – Physical Contact Made and Contact Attempted**

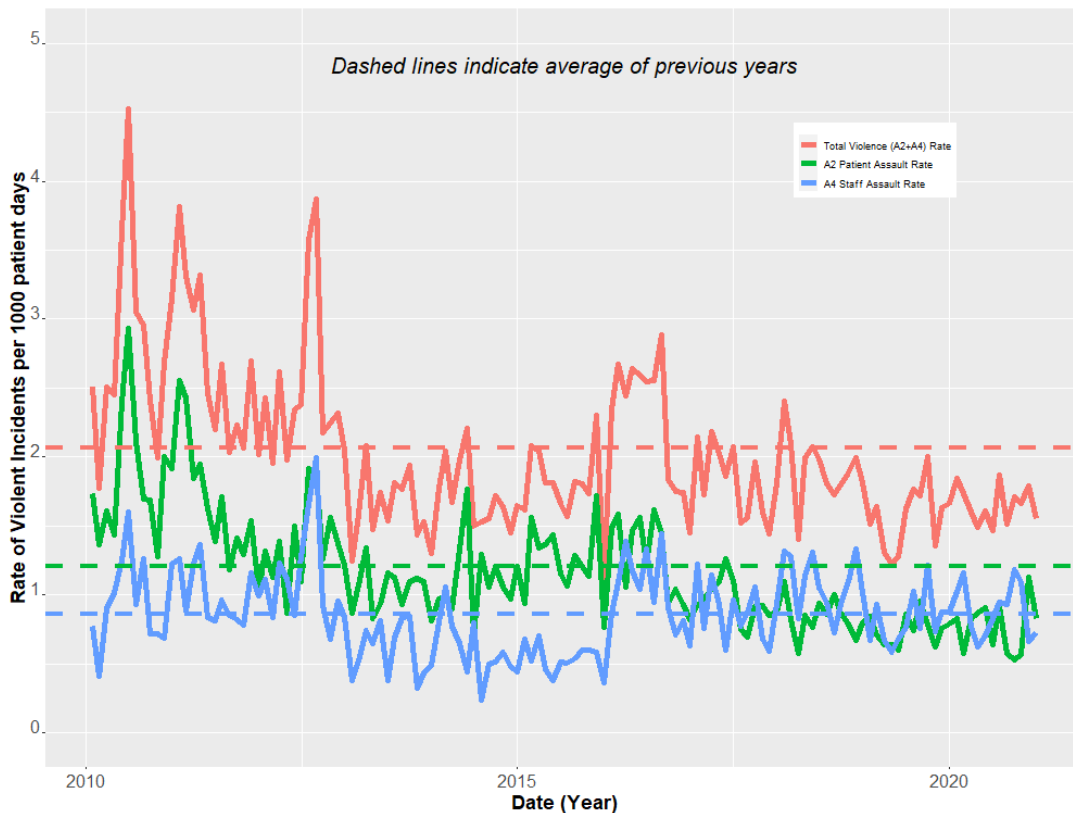
YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	197	427041	0.461	NA
2016	Contact Attempted	227	427041	0.532	NA
2017	Contact Made	160	429536	0.372	-19.3
2017	Contact Attempted	208	429536	0.484	-8.9
2018	Contact Made	230	424745	0.542	45.4
2018	Contact Attempted	219	424745	0.516	6.5
2019	Contact Made	159	417802	0.381	-29.7
2019	Contact Attempted	166	417802	0.397	-22.9
2020	Contact Made	177	387756	0.456	19.9
2020	Contact Attempted	155	387756	0.4	0.6

As seen in the graph and table above, both categories of staff assault increased, with the largest increase (19.9%) 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.

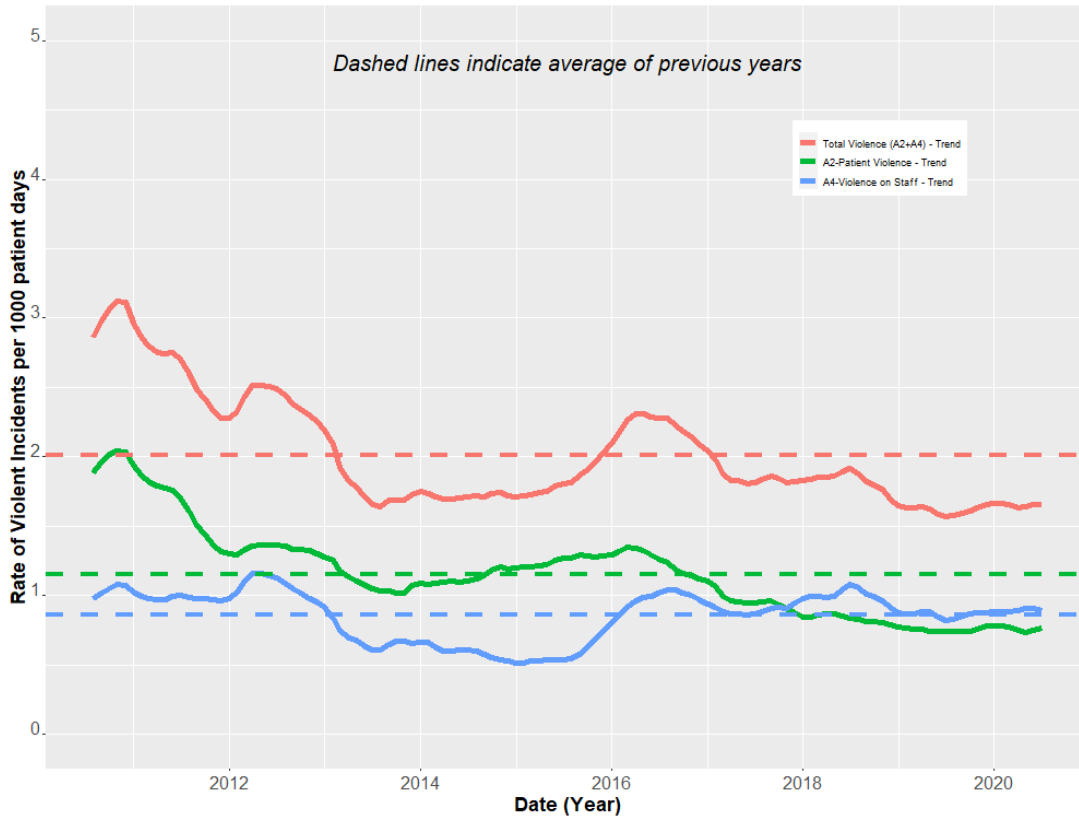
**Figure A.3**  
**DSH-Atascadero Monthly Rates of Violence per 1000 Patient Days**



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.I.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 (2010-2019) average rate for each category, for comparison with 2020. 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	1.731173	0.772845	2.504019
2/28/2010	1.365001	0.4095	1.774502
3/31/2010	1.610905	0.898389	2.509294
4/30/2010	1.433167	1.019141	2.452307
5/31/2010	2.39723	1.243008	3.640238
6/30/2010	2.931615	1.596424	4.528039
7/31/2010	2.114107	0.933502	3.047609
8/31/2010	1.695982	1.258309	2.954291
9/30/2010	1.689096	0.719942	2.409038
10/31/2010	1.27419	0.716732	1.990921
11/30/2010	2.003953	0.686285	2.690238
12/31/2010	1.917699	1.225196	3.142895
1/31/2011	2.554244	1.263679	3.817923
2/28/2011	2.428658	0.880389	3.309047
3/31/2011	1.842868	1.219545	3.062414
4/30/2011	1.950676	1.365473	3.316149
5/31/2011	1.620791	0.83834	2.459131
6/30/2011	1.38759	0.814455	2.202045
7/31/2011	1.709556	0.95975	2.669306
8/31/2011	1.184402	0.85034	2.034742
9/30/2011	1.413317	0.816583	2.229899
10/31/2011	1.289162	0.779493	2.068655
11/30/2011	1.535569	1.159511	2.69508
12/31/2011	1.022556	0.992481	2.015038
1/31/2012	1.319301	1.109412	2.428713
2/29/2012	1.123343	0.834483	1.957826
3/31/2012	1.383625	1.233231	2.616856
4/30/2012	0.864945	1.112072	1.977017
5/31/2012	1.493893	0.849468	2.343361
6/30/2012	1.09736	1.280254	2.377614
7/31/2012	1.917913	1.652356	3.570269
8/31/2012	1.876899	1.996067	3.872967
9/30/2012	1.257939	0.920443	2.178382
10/31/2012	1.564206	0.678806	2.243013

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2012	1.368966	0.952324	2.32129
12/31/2012	1.214364	0.83849	2.052854
1/31/2013	0.870171	0.377074	1.247244
2/28/2013	1.068411	0.518017	1.586428
3/31/2013	1.339485	0.744158	2.083643
4/30/2013	0.828018	0.644014	1.472031
5/31/2013	0.928922	0.809061	1.737984
6/30/2013	1.162389	0.376991	1.53938
7/31/2013	1.123911	0.686835	1.810746
8/31/2013	0.928448	0.835603	1.764051
9/30/2013	1.098404	0.839956	1.93836
10/31/2013	1.116784	0.319081	1.435865
11/30/2013	1.095909	0.431722	1.52763
12/31/2013	0.814651	0.48879	1.303441
1/31/2014	0.968617	0.807181	1.775797
2/28/2014	0.985118	1.055483	2.040601
3/31/2014	0.897527	0.77373	1.671257
4/30/2014	1.32876	0.648929	1.977689
5/31/2014	1.763513	0.440878	2.204391
6/30/2014	0.703192	0.794913	1.498104
7/31/2014	1.294613	0.235384	1.529997
8/31/2014	1.052355	0.496945	1.5493
9/30/2014	1.208021	0.513409	1.72143
10/31/2014	1.055161	0.586201	1.641362
11/30/2014	0.966446	0.483223	1.449669
12/31/2014	1.207054	0.441605	1.648659
1/31/2015	0.94137	0.67661	1.61798
2/28/2015	1.562195	0.520732	2.082927
3/31/2015	1.342164	0.70026	2.042424
4/30/2015	1.362357	0.454119	1.816475
5/31/2015	1.435351	0.380807	1.816158
6/30/2015	1.149947	0.51445	1.664397
7/31/2015	1.065183	0.503003	1.568187
8/31/2015	1.281096	0.536273	1.817369
9/30/2015	1.204819	0.60241	1.807229
10/31/2015	1.136235	0.596523	1.732758
11/30/2015	1.718413	0.582513	2.300926

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2015	0.760778	0.3663	1.127078
1/31/2016	1.481647	0.866624	2.348271
2/29/2016	1.587582	1.087787	2.675369
3/31/2016	1.056759	1.390472	2.447232
4/30/2016	1.462198	1.175492	2.63769
5/31/2016	1.556994	1.037996	2.59499
6/30/2016	1.217923	1.331218	2.549142
7/31/2016	1.612007	0.944969	2.556976
8/31/2016	1.444186	1.444186	2.888373
9/30/2016	0.932781	0.903632	1.836413
10/31/2016	1.036609	0.709259	1.745867
11/30/2016	0.926966	0.814607	1.741573
12/31/2016	0.818666	0.627644	1.446309
1/31/2017	0.922459	1.220902	2.143361
2/28/2017	0.969815	0.757668	1.727482
3/31/2017	1.036948	1.146101	2.183049
4/30/2017	1.096491	0.9278	2.024291
5/31/2017	1.260067	0.602641	1.862708
6/30/2017	1.106854	0.96495	2.071804
7/31/2017	0.746764	0.774422	1.521186
8/31/2017	0.696961	0.864232	1.561193
9/30/2017	0.911759	1.054221	1.96598
10/31/2017	0.924114	0.679496	1.603609
11/30/2017	0.849714	0.5948	1.444514
12/31/2017	0.876568	0.931354	1.807922
1/31/2018	1.094092	1.31291	2.407002
2/28/2018	0.819697	1.275084	2.094781
3/31/2018	0.576923	0.824176	1.401099
4/30/2018	0.853121	1.137495	1.990616
5/31/2018	0.765069	1.311547	2.076616
6/30/2018	0.937127	1.050718	1.987846
7/31/2018	0.860776	0.944077	1.804854
8/31/2018	1.00153	0.723327	1.724857
9/30/2018	0.869515	0.927482	1.796997
10/31/2018	0.787158	1.096399	1.883557
11/30/2018	0.665914	1.331828	1.997742
12/31/2018	0.793246	1.019888	1.813134

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	0.841066	0.672853	1.51392
2/28/2019	0.712803	0.929742	1.642545
3/31/2019	0.641347	0.669232	1.310579
4/30/2019	0.640223	0.582021	1.222245
5/31/2019	0.595559	0.680639	1.276197
6/30/2019	0.85571	0.767188	1.622898
7/31/2019	0.74034	1.025086	1.765426
8/31/2019	0.957099	0.76005	1.717149
9/30/2019	0.782019	1.216475	1.998494
10/31/2019	0.619561	0.732209	1.35177
11/30/2019	0.755814	0.872093	1.627907
12/31/2019	0.790692	0.875409	1.666102
1/31/2020	0.823747	1.022582	1.846329
2/29/2020	0.578686	1.157372	1.736058
3/31/2020	0.82713	0.770086	1.597216
4/30/2020	0.86451	0.626025	1.490535
5/31/2020	0.906247	0.701611	1.607858
6/30/2020	0.636902	0.827973	1.464875
7/31/2020	0.917402	0.949037	1.866439
8/31/2020	0.578109	0.931398	1.509507
9/30/2020	0.527148	1.186083	1.713231
10/31/2020	0.563486	1.095667	1.659154
11/30/2020	1.12762	0.663306	1.790926
12/31/2020	0.824865	0.725881	1.550746



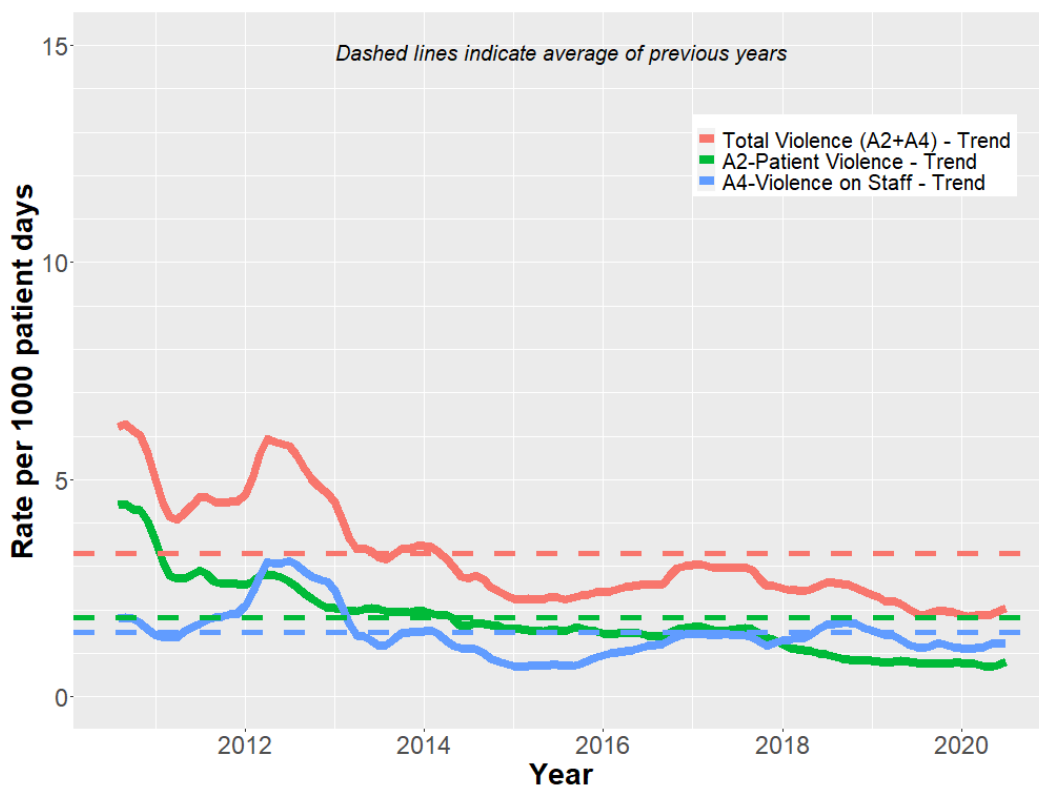
## Violence Rates by Major Legal Classes

### 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**

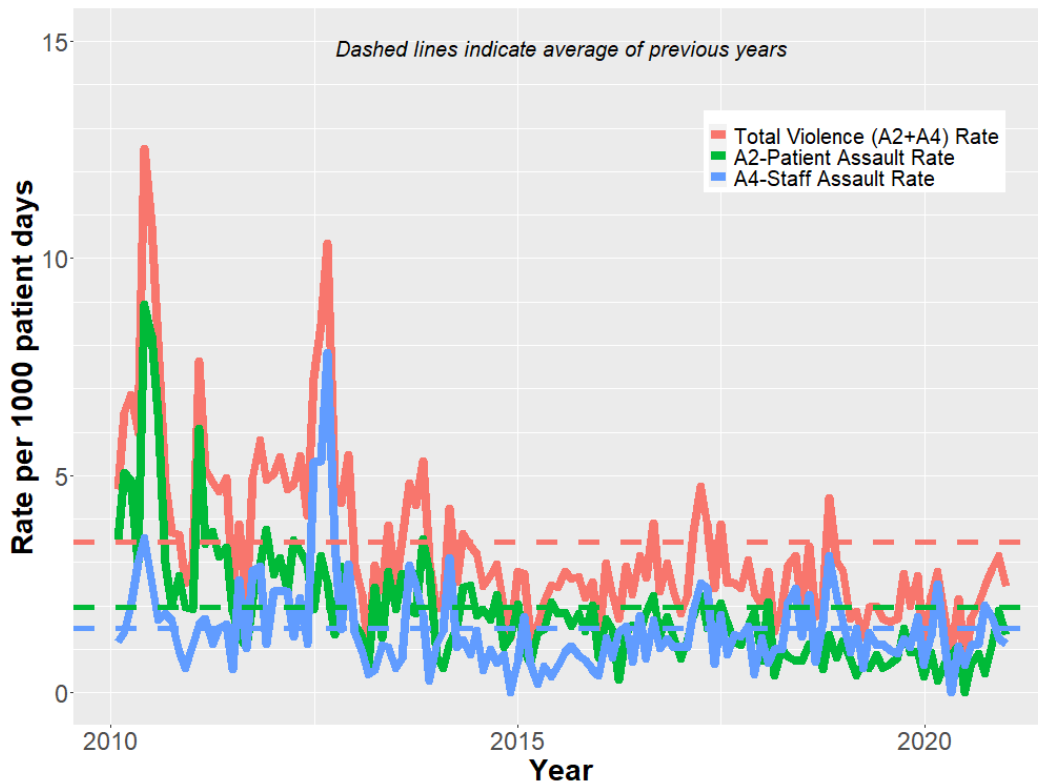


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. 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.1.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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	1.284	2.017
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

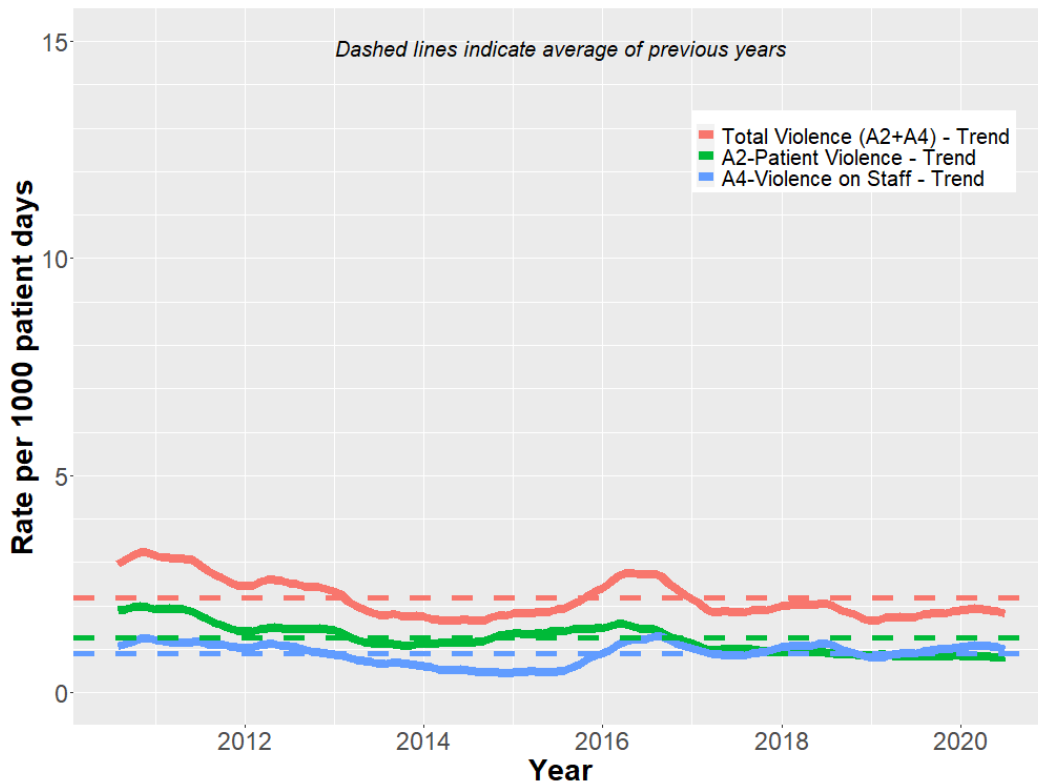
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2018	1.188	1.633	2.821
1/31/2019	0.791	0.922	1.713
2/28/2019	0.403	1.476	1.878
3/31/2019	0.688	0.573	1.261
4/30/2019	0.577	1.386	1.963
5/31/2019	0.882	1.102	1.984
6/30/2019	0.565	1.129	1.694
7/31/2019	0.653	0.980	1.633
8/31/2019	0.797	0.911	1.707
9/30/2019	1.493	1.244	2.737
10/31/2019	0.927	1.060	1.987
11/30/2019	0.945	1.755	2.699
12/31/2019	0.377	0.629	1.006
1/31/2020	0.921	1.315	2.236
2/29/2020	0.279	2.510	2.789
3/31/2020	0.680	1.088	1.768
4/30/2020	0.891	0.000	0.891
5/31/2020	1.079	1.079	2.159
6/30/2020	0.000	0.627	0.627
7/31/2020	0.652	1.087	1.740
8/31/2020	0.904	1.129	2.033
9/30/2020	0.447	2.011	2.458
10/31/2020	1.151	1.726	2.876
11/30/2020	1.892	1.261	3.153
12/31/2020	1.343	1.120	2.463

## 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**

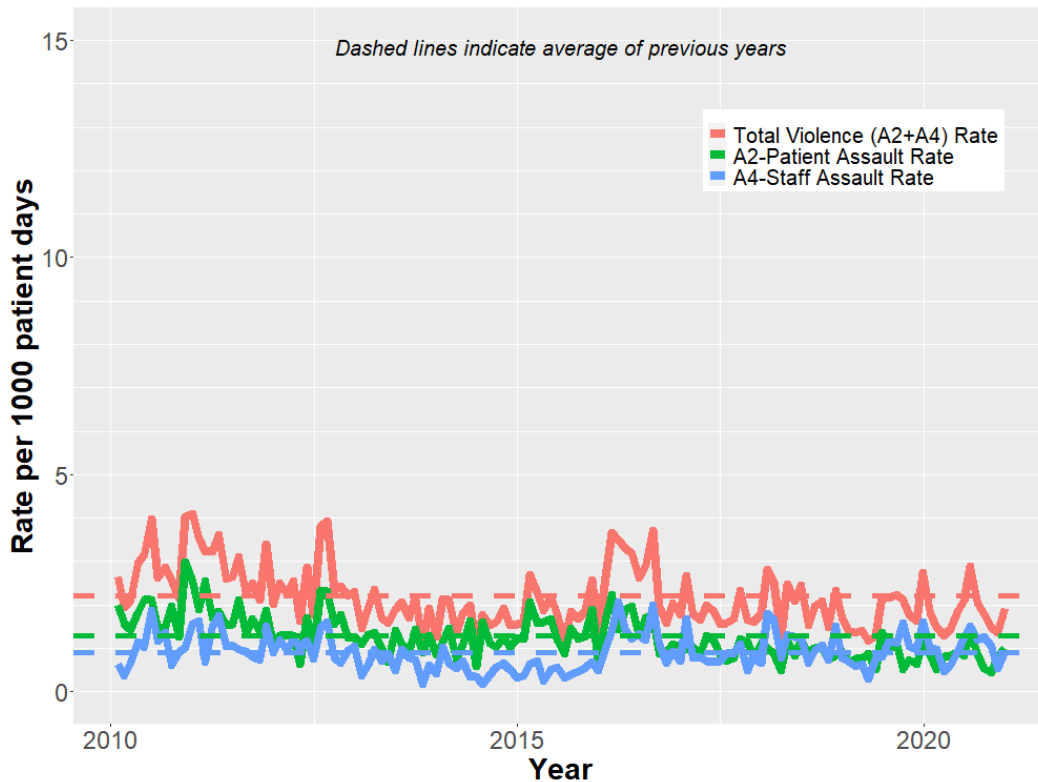


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**.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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	1.253	2.455
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

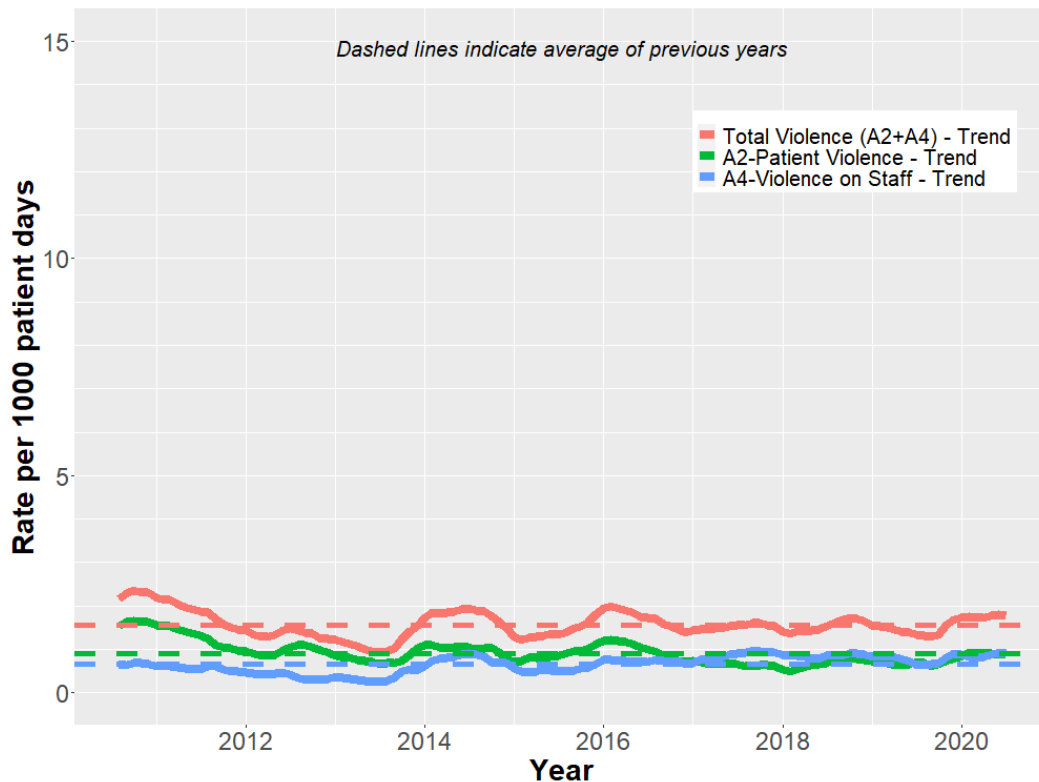
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2018	0.930	0.775	1.705
1/31/2019	0.677	0.677	1.354
2/28/2019	0.765	0.588	1.353
3/31/2019	0.759	0.650	1.409
4/30/2019	0.877	0.292	1.169
5/31/2019	0.526	0.759	1.285
6/30/2019	1.371	0.810	2.181
7/31/2019	0.989	1.175	2.165
8/31/2019	1.120	1.120	2.240
9/30/2019	0.529	1.587	2.116
10/31/2019	0.727	1.058	1.785
11/30/2019	0.635	0.988	1.624
12/31/2019	1.125	1.617	2.741
1/31/2020	0.833	0.971	1.804
2/29/2020	0.520	0.966	1.486
3/31/2020	0.812	0.473	1.285
4/30/2020	0.825	0.619	1.444
5/31/2020	0.930	0.930	1.860
6/30/2020	0.836	1.255	2.091
7/31/2020	1.373	1.510	2.884
8/31/2020	0.857	1.187	2.044
9/30/2020	0.532	1.264	1.796
10/31/2020	0.456	1.042	1.497
11/30/2020	0.818	0.545	1.364
12/31/2020	0.990	0.924	1.915

## 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**

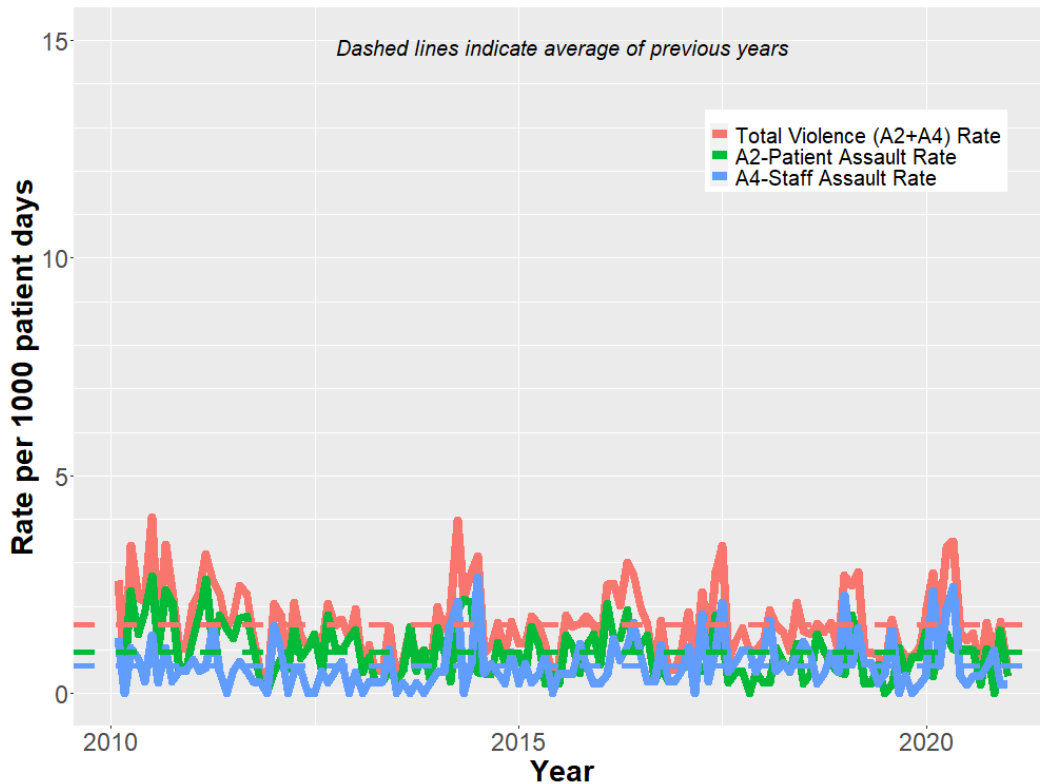


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**.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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	0.485	0.485	0.969

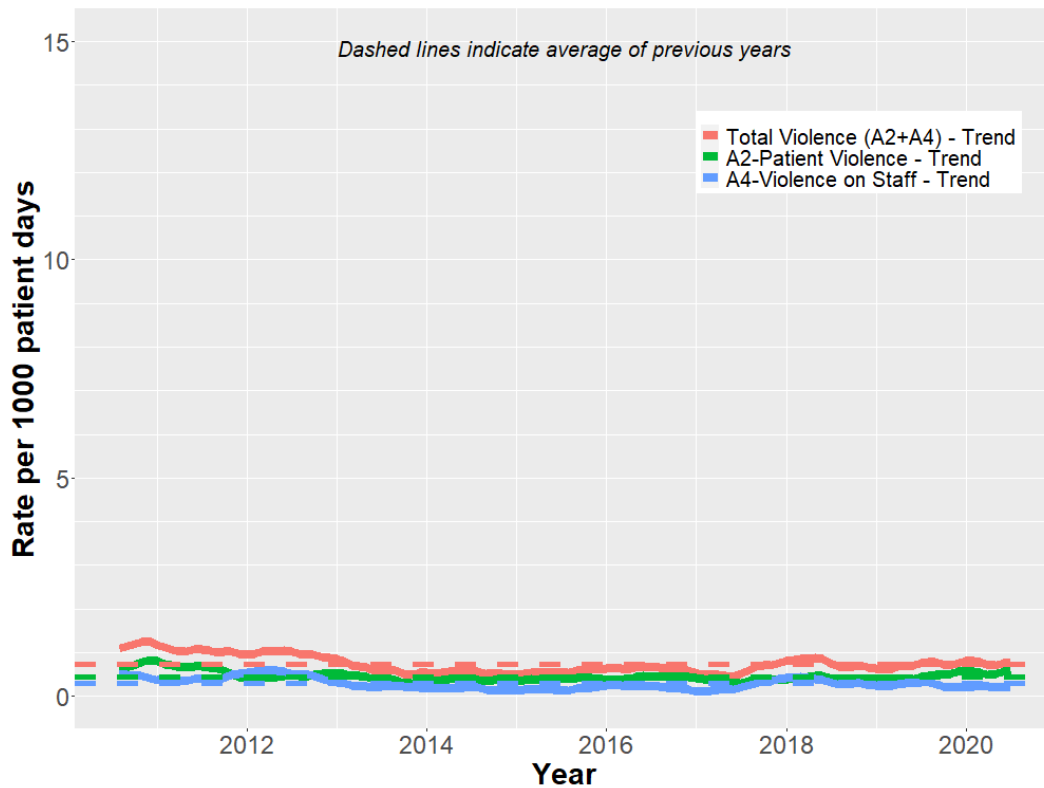
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2018	0.454	2.270	2.724
1/31/2019	1.796	0.674	2.470
2/28/2019	1.266	1.519	2.785
3/31/2019	0.230	0.691	0.921
4/30/2019	0.239	0.717	0.956
5/31/2019	0.668	0.223	0.891
6/30/2019	0.000	0.444	0.444
7/31/2019	0.213	1.493	1.707
8/31/2019	1.050	0.000	1.050
9/30/2019	0.429	0.429	0.859
10/31/2019	0.826	0.000	0.826
11/30/2019	0.831	0.208	1.039
12/31/2019	1.415	0.404	1.819
1/31/2020	0.395	2.370	2.765
2/29/2020	1.053	0.632	1.685
3/31/2020	1.376	1.966	3.342
4/30/2020	1.027	2.465	3.491
5/31/2020	0.995	0.398	1.393
6/30/2020	1.013	0.203	1.216
7/31/2020	0.990	0.396	1.386
8/31/2020	0.200	0.400	0.600
9/30/2020	1.018	0.611	1.629
10/31/2020	0.000	0.997	0.997
11/30/2020	1.450	0.207	1.658
12/31/2020	0.403	0.202	0.605

## 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**

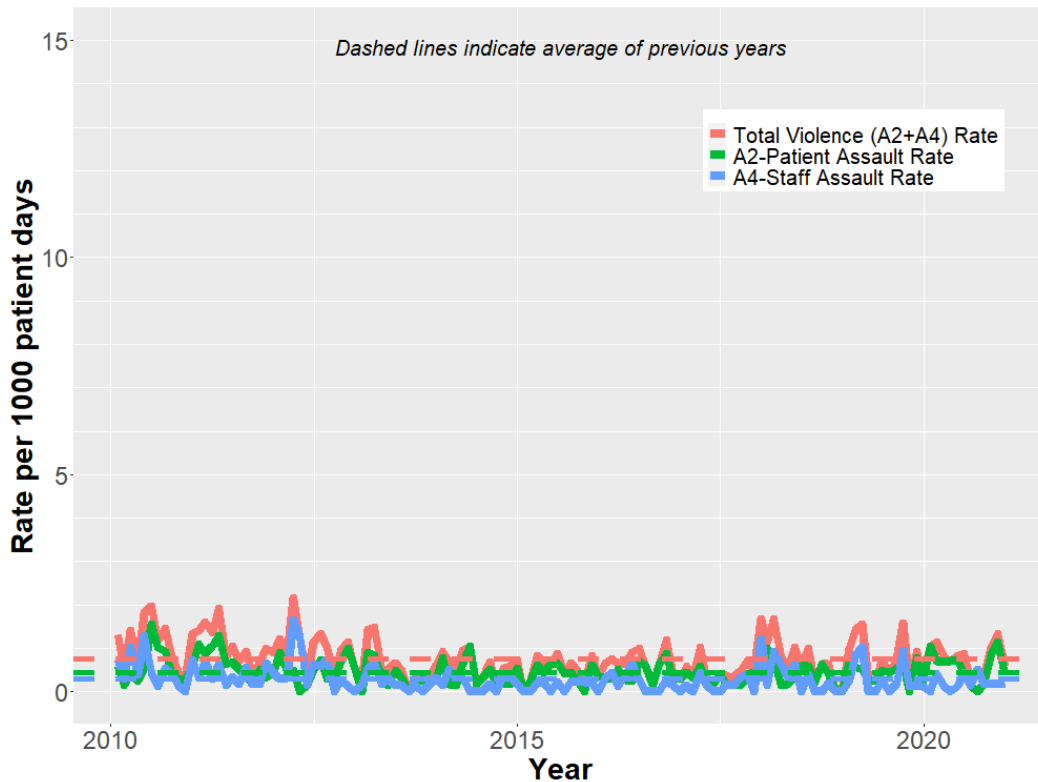


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**.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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2012	0.685	0.274	0.960
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2015	0.630	0.210	0.840
12/31/2015	0.373	0.000	0.373
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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
1/31/2020	1.040	0.000	1.040
2/29/2020	0.710	0.426	1.136
3/31/2020	0.679	0.136	0.814
4/30/2020	0.722	0.000	0.722
5/31/2020	0.700	0.140	0.840
6/30/2020	0.443	0.443	0.886
7/31/2020	0.148	0.148	0.295
8/31/2020	0.000	0.507	0.507
9/30/2020	0.189	0.189	0.377
10/31/2020	0.882	0.176	1.058
11/30/2020	1.145	0.191	1.335
12/31/2020	0.398	0.199	0.597



## 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 2010-2020, 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	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2010	34.23	0	0	0	87.26	1.58	0	843.61	966.68
2/28/2010	28.57	0	0	0	98.07	2	0	840.68	969.32
3/31/2010	12.77	0	0	0	101	2	0	841.49	957.26
4/30/2010	4.9	0	0	0	101	2	0	844.1	952
5/31/2010	0	0	0	0	100.71	2	0	844.8	947.51
6/30/2010	0	0	0	0	98.33	2	0	846.8	947.13
7/31/2010	0	0	0	0	98	2	0	853.3	953.3
8/31/2010	0	0	0	0	97.29	2	0	852.1	951.39
9/30/2010	0	0	0	0	97	2	0	851.3	950.3
10/31/2010	0	0	0	0	97	2	0	849.84	948.84
11/30/2010	0	0	0	0	97	2	0	848.73	947.73
12/31/2010	0	0	0	0	96.65	2	0	849.65	948.3
1/31/2011	0	0	0	0	96.32	2.68	0	847.58	946.58
2/28/2011	0	0	0	0	95.04	3	0	851.46	949.5
3/31/2011	0	0	0	0	96	3	0	854.13	953.13
4/30/2011	0	0	0	0	95.7	3	0	856.4	955.1
5/31/2011	0	0	0	0	95.87	3.9	0	860.26	960.03
6/30/2011	0	0	0	0	96.6	4	0	862.94	963.54
7/31/2011	0	0	0	0	95.19	4	0	864.51	963.7
8/31/2011	0	0	0	0	95.45	4	0	863.38	962.83
9/30/2011	0	0	0	0	96	4.33	0	865.67	966
10/31/2011	0	0	0	0	96	5	0	865.29	966.29
11/30/2011	15.1	0	0	0	94.97	5	0	864.53	979.6
12/31/2011	40.32	0	0	0	93.84	5	0	867.29	1006.45
1/31/2012	49.42	0	0	0	92.84	5	0	871.77	1019.03
2/29/2012	49.52	0	0	0	93	5	0	878.76	1026.28
3/31/2012	48.03	0	0	0	93	5	0	881.97	1028
4/30/2012	45.63	0	0	0	92.13	5	0	882.6	1025.36
5/31/2012	49.65	0	0	0	90.42	5	0	882.74	1027.81
6/30/2012	49.57	0	0	0	90.3	5	0	884.2	1029.07
7/31/2012	49.23	0	0	0	90	5	0	888.93	1033.16
8/31/2012	49.61	0	0	0	92	5	0	892.61	1039.22
9/30/2012	49.67	0	0	0	91.63	5	0	896.97	1043.27
10/31/2012	48.32	0	0	0	91.52	5	0	896.9	1041.74

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
11/30/2012	47.43	0	0	0	90.9	5	0	899.33	1042.66
12/31/2012	45.06	0	0	0	92.65	5	0	898.94	1041.65
1/31/2013	40.81	0	0	0	92.39	5	0	898.97	1037.17
2/28/2013	32.75	0	0	0	96.57	5	0	901.65	1035.97
3/31/2013	36.23	0	0	0	122.87	5	0	903.42	1067.52
4/30/2013	37.03	0	0	0	133	5	0	905.9	1080.93
5/31/2013	40.42	0	0	0	136	5	0	912.93	1094.35
6/30/2013	37.6	0	0	0	135.77	5	0	919.57	1097.94
7/31/2013	36	0	0	0	135	5	0	923.78	1099.78
8/31/2013	37.58	0	0	0	133.81	5	0	926.06	1102.45
9/30/2013	40.03	0	0	0	132.37	5	0	929.1	1106.5
10/31/2013	45.13	0	0	0	132.29	5	0	929.29	1111.71
11/30/2013	49.17	0	0	0	132	5	0	928.03	1114.2
12/31/2013	49.52	0	0	0	132	5	0	929.45	1115.97
1/31/2014	49.19	0	0	0	130.87	5	0	931.49	1116.55
2/28/2014	49.04	0	0	0	135.14	5	0	930.18	1119.36
3/31/2014	48.68	0	0	0	156.58	5	0	930.48	1140.74
4/30/2014	49.73	0	0	0	167.67	5	0	926.94	1149.34
5/31/2014	49.29	0	0	0	167.9	5	0	926.1	1148.29
6/30/2014	49.73	0	0	0	177.67	5	0	928.63	1161.03
7/31/2014	49.42	0	0	0	182.39	5	0.06	927.32	1164.19
8/31/2014	49.45	0	0	0	184.71	5	0	922.87	1162.03
9/30/2014	49.7	0	0	0	193.77	5	0	922.1	1170.57
10/31/2014	49.61	0	0	0	197.06	5	0	920.77	1172.44
11/30/2014	49.43	0	0	0	205.37	5	0	920.04	1179.84
12/31/2014	50	0	0	0	206.26	5	0	921.93	1183.19
1/31/2015	49.52	0	0	0	203.29	5	0	924.19	1182
2/28/2015	49.14	0	0	0	201.54	5	0	923.68	1179.36
3/31/2015	46.03	0	0	0	199.16	5	0	923.38	1173.57
4/30/2015	43.37	0	0	0	204.77	5.67	0	920.97	1174.78
5/31/2015	37.23	0	0	0	216	9.81	0	921.93	1184.97
6/30/2015	41.53	0	0	0	221.7	10	0	923.03	1196.26
7/31/2015	49.52	0	0	0	234.26	10	0	923.87	1217.65
8/31/2015	48.97	0	0	0	264.06	10	0	923.71	1246.74
9/30/2015	47.9	0	0	0	270.03	10	0	922.4	1250.33
10/31/2015	48.52	0	0	0	272.1	10	0.81	921	1252.43
11/30/2015	47.23	0	0	0	272.83	10.47	1	921.57	1253.1

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
12/31/2015	47.77	0	0	0	273.32	11	1	923.42	1256.51
1/31/2016	48.55	0	0	0	273.23	11	1	926.9	1260.68
2/29/2016	49.31	0	0	0	275.1	11	1	929.41	1265.82
3/31/2016	48.06	0	0	0	278	11	1	931.77	1269.83
4/30/2016	47.83	0	0	0	275.7	11	1	935.1	1270.63
5/31/2016	47.16	0	0	0	275.06	11	1	936.36	1270.58
6/30/2016	43.8	0	0	0	277.1	11	1	937.13	1270.03
7/31/2016	39.35	0	0	0	278.06	11.06	1.03	940.09	1269.59
8/31/2016	38.1	0	0	0.71	278.55	11	1	942.13	1271.49
9/30/2016	37.17	0	0	1	279	11	1	942.47	1271.64
10/31/2016	43.97	0	0	1	279.65	11	1.23	943.42	1280.27
11/30/2016	47.87	0	0	1	278.5	11	2	943.07	1283.44
12/31/2016	46.45	0	0	1	276.65	11	2	945	1282.1
1/31/2017	47.65	0	0	1	276	11	2	946.26	1283.91
2/28/2017	48.79	0	0	1	275.21	10.07	2	945.53	1282.6
3/31/2017	49.29	0	0	1	271.74	10	2	943.93	1277.96
4/30/2017	44.87	0	0	1	274.67	10	2	946.4	1278.94
5/31/2017	45.42	0	0	1	278.52	10	2	948.33	1285.27
6/30/2017	44.03	0	0	1	281.9	10	2	946.77	1285.7
7/31/2017	48.23	0	0	1	280	10	2	948.9	1290.13
8/31/2017	49.06	0	0	1	278.87	10	2	949	1289.93
9/30/2017	47.73	0	0	1	278	10	2	947.44	1286.17
10/31/2017	47.81	0	0	1	277.61	10	2	946.78	1285.2
11/30/2017	47.9	0	0	1	276.43	10	2	945.23	1282.56
12/31/2017	48.55	0	0	1	282.16	10	2	946.48	1290.19
1/31/2018	48.65	0	0	1	295.58	9.06	2	945.61	1301.9
2/28/2018	49.14	0	0	1	303.93	9	2	946.53	1311.6
3/31/2018	47.74	0	0	1	306.16	9	2	944.9	1310.8
4/30/2018	47.93	0	0	1	308.4	9	2	945.64	1313.97
5/31/2018	48.68	0	0	1	310	9	2	950.84	1321.52
6/30/2018	48.6	0	0	1	310	9	2	950.4	1321
7/31/2018	47.61	0	0	1	308.61	9	2	952.71	1320.93
8/31/2018	48.71	0	0	1	308	9	2	955.2	1323.91
9/30/2018	47.83	0	0	1	316.4	9	2	955.24	1331.47
10/31/2018	49.16	0	0	1	324.55	9	2	954.71	1340.42
11/30/2018	48.3	0	0	1	328.47	9.2	2	955.73	1344.7
12/31/2018	46.87	0	0	1	344	11	2	958.26	1363.13

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2019	48.35	0	0	1	357.29	11	2	958.16	1377.8
2/28/2019	47.32	0	0	1	368.14	11	2	957.54	1387
3/31/2019	48.61	0	0	1	378.23	11.39	2	959.87	1401.1
4/30/2019	48.57	0	0	1	381.37	11.47	2	964.4	1408.81
5/31/2019	46.45	0	0	1	381.77	11	2	965.87	1408.09
6/30/2019	38.83	0	0	1	379.7	11	2	965.07	1397.6
7/31/2019	34.97	0	0	1.81	377.23	11	2	960.68	1387.69
8/31/2019	41.13	0	0	2.32	376.03	11	2	959.71	1392.19
9/30/2019	44.97	0	0	3	374.03	11	2	957.83	1392.83
10/31/2019	43.29	0	0	3	378.26	11	2	959.36	1396.91
11/30/2019	45.23	0	0	3.57	376.8	11	2	957.1	1395.7
12/31/2019	49.23	0	0	4	371.68	10.16	2	958.09	1395.16
1/31/2020	48	0	0	4	370.87	9.84	2	953.06	1387.77
2/29/2020	45.69	0	0	4.9	368.21	9	3	948.87	1379.67
3/31/2020	47.35	0	0	5	366.32	9.87	3	947.97	1379.51
4/30/2020	45.83	0	0	5	366.87	10	3	943.83	1374.53
5/31/2020	45	0	0	5	363.35	10	3	943.07	1369.42
6/30/2020	45.03	0	0	4.2	360.83	10	3	942.6	1365.66
7/31/2020	44.42	0	0	3.42	354.52	10	3	941.96	1357.32
8/31/2020	39.52	0	0	3.13	337.16	10	3	939.35	1332.16
9/30/2020	36.37	0	0	3	335.43	10	3	936.83	1324.63
10/31/2020	37.65	0	0	3	335.65	10.32	3	951.64	1341.26
11/30/2020	36.67	0	0	3	335	11	3	947.03	1335.7
12/31/2020	32.42	0	0	3	334.68	10.77	3	939.45	1323.32

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 NGRI's were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

## Rates of Violence at DSH-Coalinga

### Yearly Rates

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



- While percentages vary across different legal classes, overall, in 2020 the number of patient-on-patient assaults at DSH-Coalinga decreased 13.4% from the 2019 total (see Table IV.B.1), while the number of patient-on-staff assault increased 30% from 2019 (see Table IV.B.2).
- Coupled with a population decrease (measured in “total patient days”) in 2020 of 2.5%, the rate of patient-on-patient assaults at DSH-Coalinga decreased 10.1% from 2019 (see Table IV.B.1), while the rate of patient-on-staff assaults increased 12.0% from 2019 (see

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**

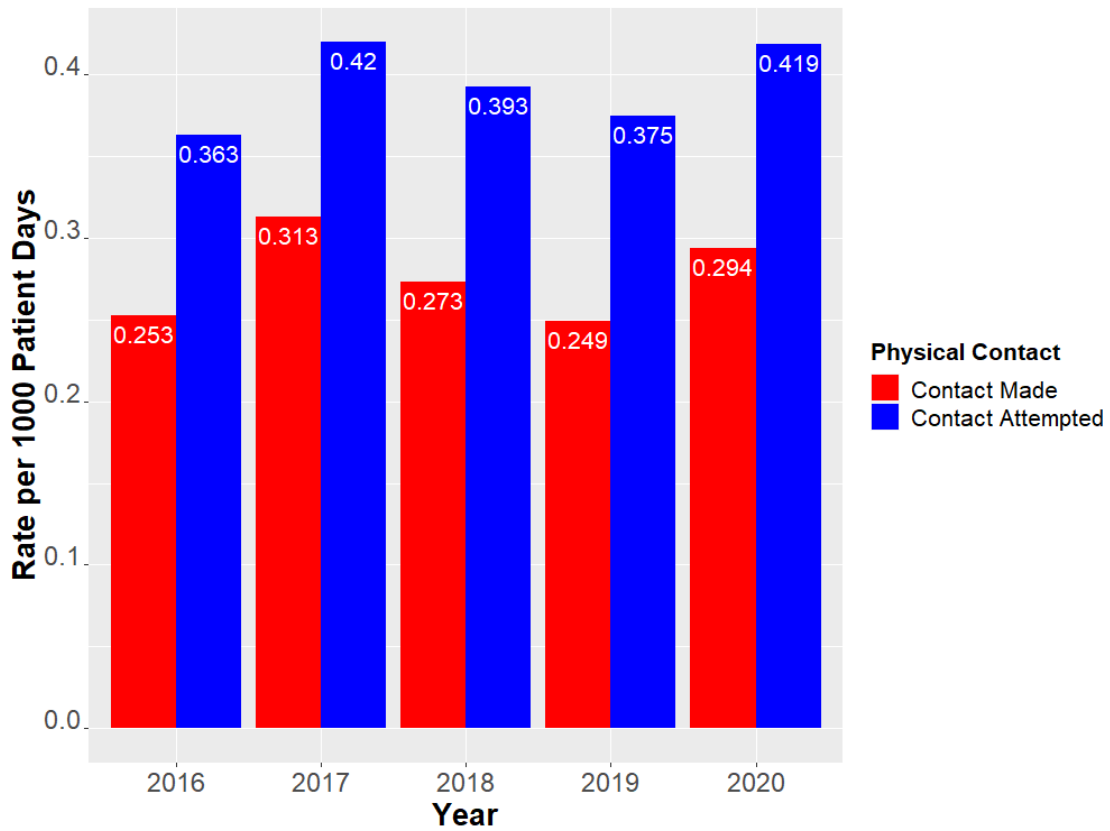
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	375	347927	1.078	NA
2011	295	352043	0.838	-22.3
2012	345	378122	0.912	8.8
2013	318	397491	0.8	-12.3
2014	313	421876	0.742	-7.2
2015	233	443186	0.526	-29.1
2016	267	465622	0.573	8.9
2017	302	468994	0.644	12.4
2018	274	483820	0.566	-12.1
2019	404	509211	0.793	40.1
2020	354	496240	0.713	-10.1

**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
2020	358	496240	0.721	12

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**

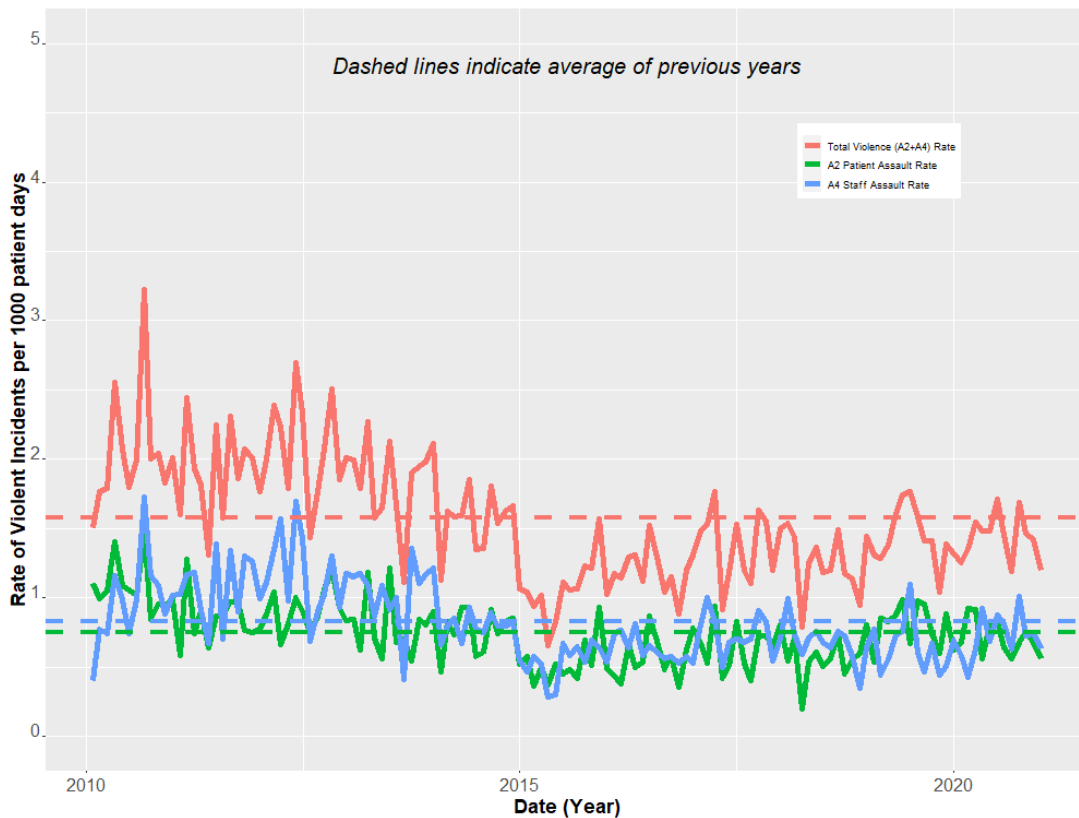
YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	118	465622	0.253	NA
2016	Contact Attempted	169	465622	0.363	NA
2017	Contact Made	147	468994	0.313	23.7
2017	Contact Attempted	197	468994	0.42	15.7
2018	Contact Made	132	483820	0.273	-13
2018	Contact Attempted	190	483820	0.393	-6.5
2019	Contact Made	127	509211	0.249	-8.6
2019	Contact Attempted	191	509211	0.375	-4.5
2020	Contact Made	146	496240	0.294	18.0
2020	Contact Attempted	208	496240	0.419	11.7

As seen in the table and graph above, the category “Physical Contact Made” increased 18.0%, while the category of “Physical Contact Attempted” increased 11.7%.

## 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**

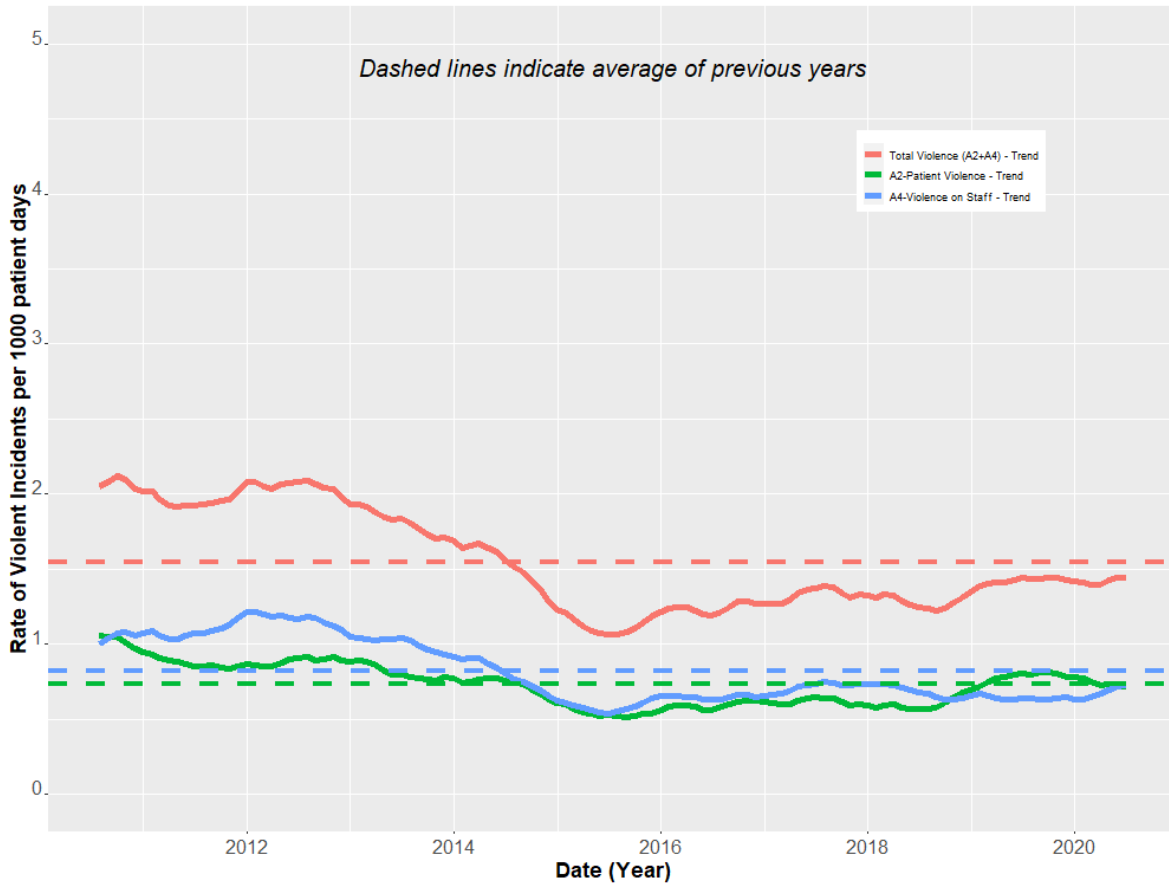


Figure B.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Coalinga. The dashed lines indicate the previous years (2010-2019) average rate for each category, for comparison with 2020. 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
1/31/2020	0.674	0.581	1.255
2/29/2020	0.925	0.425	1.350
3/31/2020	0.912	0.631	1.543
4/30/2020	0.558	0.922	1.479
5/31/2020	0.801	0.683	1.484
6/30/2020	0.830	0.879	1.709
7/31/2020	0.642	0.808	1.450
8/31/2020	0.557	0.630	1.187
9/30/2020	0.679	1.007	1.686
10/31/2020	0.746	0.722	1.467
11/30/2020	0.674	0.749	1.422
12/31/2020	0.561	0.634	1.194

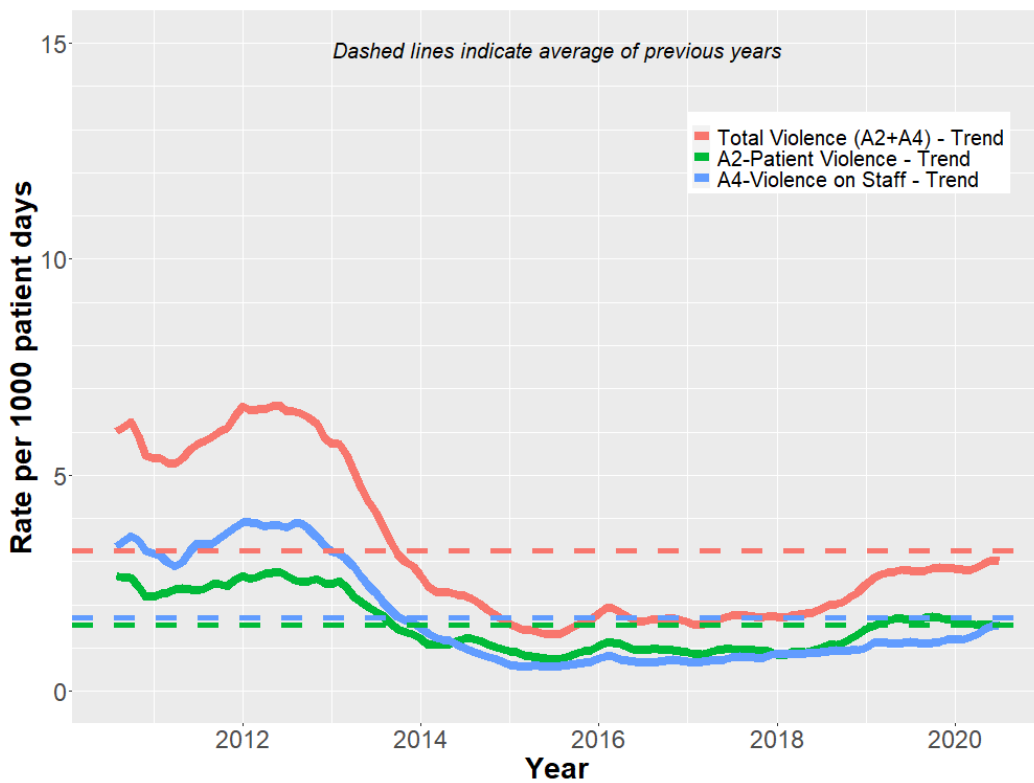
## Violence Rates by Major Legal Classes

### 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**

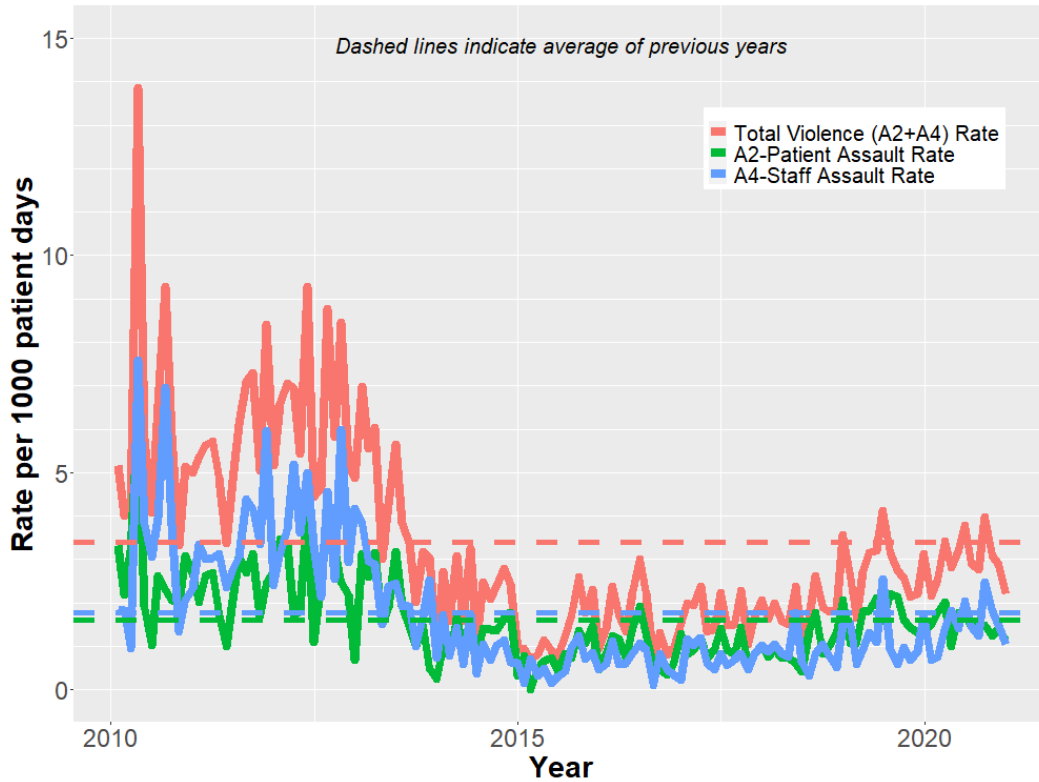




### Monthly Rates Data

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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

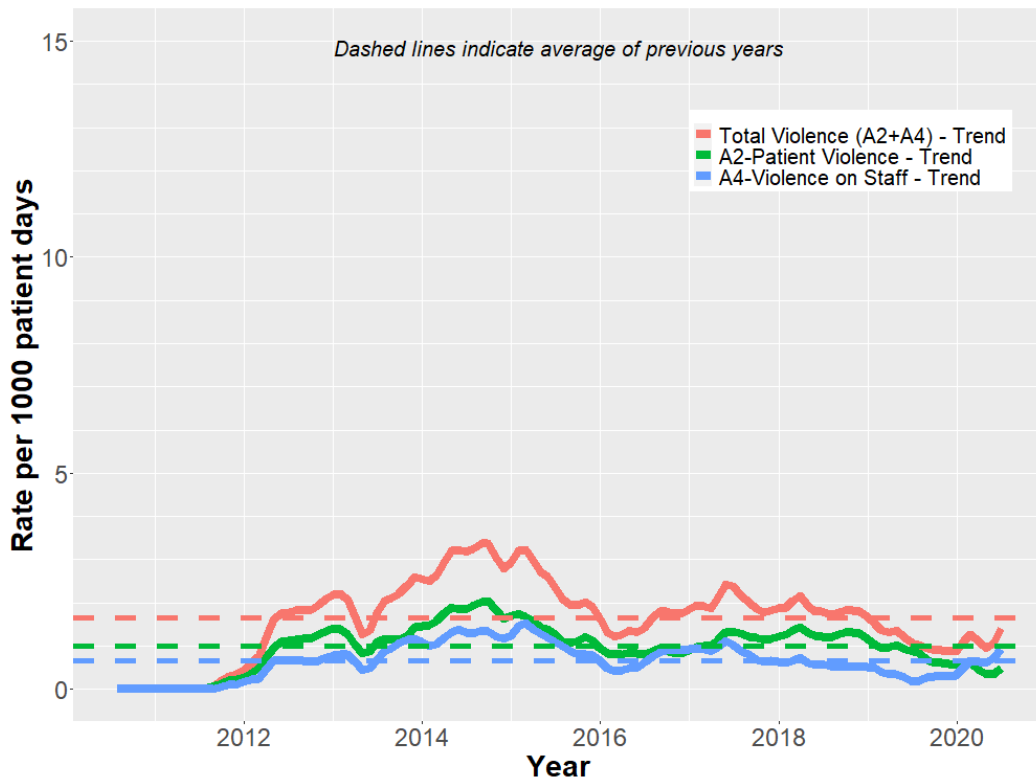
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	1.083	1.535	2.618
2/28/2019	1.067	0.582	1.649
3/31/2019	1.791	0.938	2.729
4/30/2019	1.836	1.311	3.147
5/31/2019	2.112	1.098	3.211
6/30/2019	1.580	2.546	4.126
7/31/2019	2.223	0.941	3.164
8/31/2019	2.145	0.600	2.745
9/30/2019	1.604	0.980	2.584
10/31/2019	1.450	0.682	2.132
11/30/2019	1.327	0.885	2.212
12/31/2019	1.389	1.736	3.124
1/31/2020	1.479	0.696	2.174
2/29/2020	1.779	0.749	2.529
3/31/2020	2.025	1.409	3.434
4/30/2020	0.999	1.817	2.817
5/31/2020	1.776	1.420	3.196
6/30/2020	1.755	2.032	3.788
7/31/2020	1.456	1.456	2.912
8/31/2020	1.531	1.244	2.775
9/30/2020	1.491	2.484	3.975
10/31/2020	1.249	1.826	3.075
11/30/2020	1.393	1.493	2.886
12/31/2020	1.157	1.060	2.217

## 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.

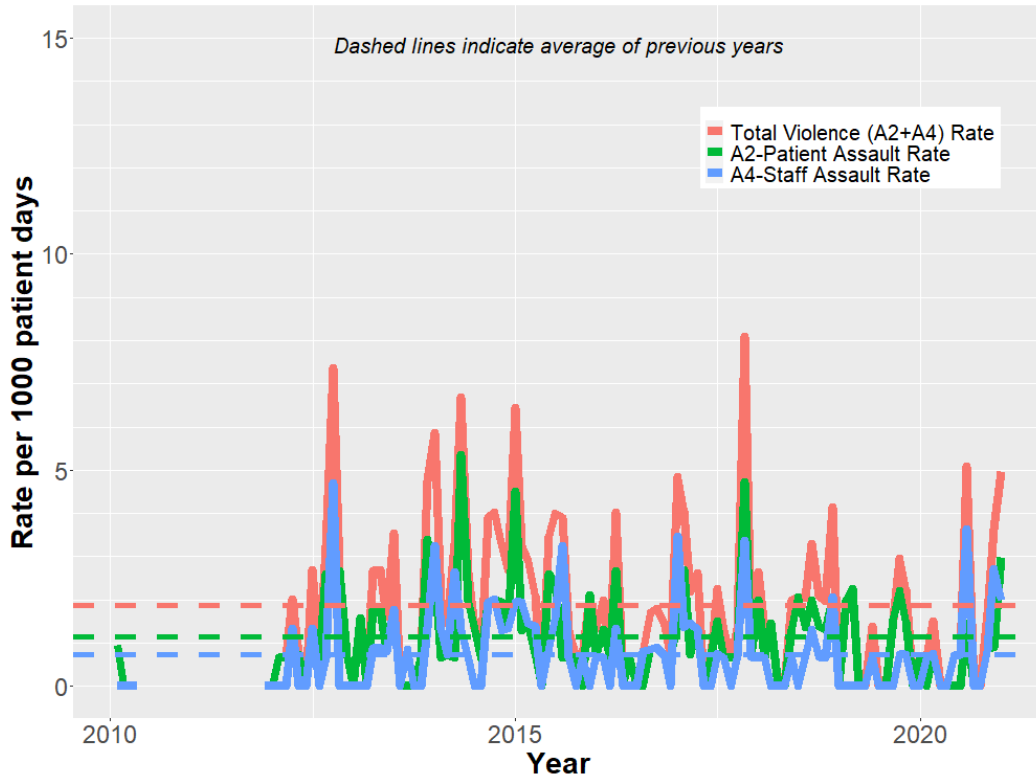
**Figure B.7**  
**Trends of Monthly Rates of Violence for CDCR's at DSH-Coalinga**



### 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



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
1/31/2020	0.000	0.672	0.672
2/29/2020	0.755	0.755	1.509
3/31/2020	0.000	0.000	0.000
4/30/2020	0.000	0.000	0.000
5/31/2020	0.000	0.717	0.717
6/30/2020	0.000	0.740	0.740
7/31/2020	1.452	3.631	5.084
8/31/2020	0.000	0.000	0.000
9/30/2020	0.000	0.000	0.000
10/31/2020	0.857	0.857	1.714
11/30/2020	0.909	2.727	3.636
12/31/2020	2.985	1.990	4.975

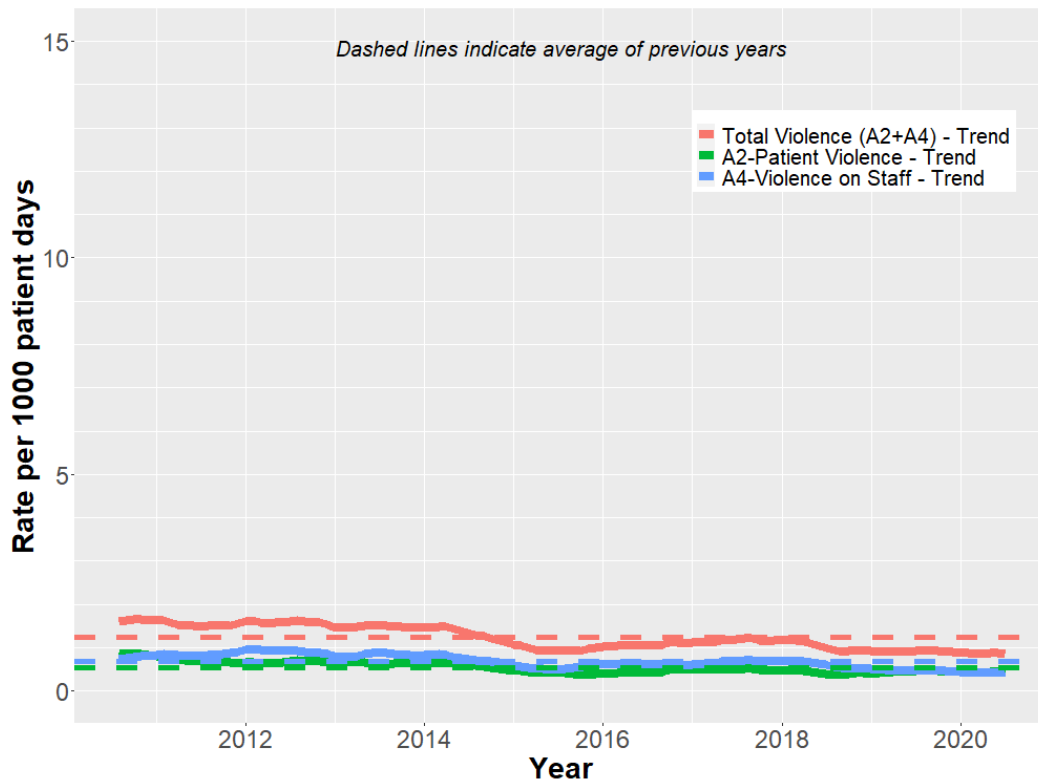
**Note:** entries marked “NA” indicate months in which no CDCR’s were resident at DSH-Coalinga, and thus could not have any violence. This is to distinguish the months where CDCR’s were resident and there was no violence, which are true 0.000 rates.

## 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.

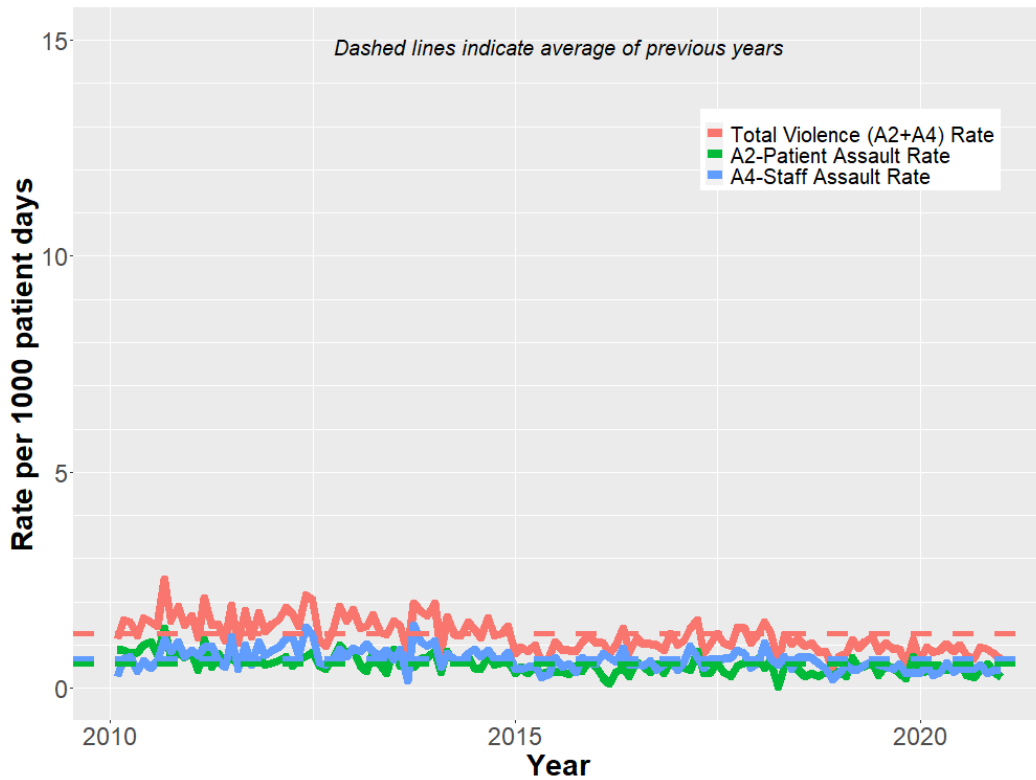
**Figure B.9**  
**Trends of Monthly Rates of Violence for SVP's at DSH-Coalinga**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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	0.518	0.553	1.071
5/31/2019	0.568	0.635	1.202
6/30/2019	0.311	0.553	0.863
7/31/2019	0.537	0.504	1.041
8/31/2019	0.471	0.437	0.908
9/30/2019	0.348	0.557	0.905
10/31/2019	0.235	0.336	0.572
11/30/2019	0.731	0.383	1.114
12/31/2019	0.337	0.337	0.673
1/31/2020	0.406	0.542	0.948
2/29/2020	0.545	0.291	0.836
3/31/2020	0.510	0.374	0.885
4/30/2020	0.424	0.600	1.024
5/31/2020	0.479	0.376	0.855
6/30/2020	0.530	0.460	0.990
7/31/2020	0.308	0.445	0.753
8/31/2020	0.240	0.446	0.687
9/30/2020	0.427	0.534	0.961
10/31/2020	0.576	0.339	0.915
11/30/2020	0.387	0.422	0.810
12/31/2020	0.240	0.412	0.652

## 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 2010-2020, 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	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2010	0	13.77	276.51	217.93	38	0	125.03	0	671.24
2/28/2010	0	14.68	273.72	216.75	38	0	125.46	0	668.61
3/31/2010	0	14.61	276.29	222.51	38.42	0	123.03	0	674.86
4/30/2010	0	16.2	275.2	221.67	39	0	121.94	0	674.01
5/31/2010	0	14.65	273.84	207.65	39	0	122.77	0	657.91
6/30/2010	0	11.33	268.67	198.86	38.53	0	122.03	0	639.42
7/31/2010	0	14.32	269.52	195.62	38.87	0	123.52	0	641.85
8/31/2010	0	11	268.13	196.16	38.29	0	123.94	0	637.52
9/30/2010	0	7.67	261.03	198.33	37.53	0	124.3	0	628.86
10/31/2010	0	8.58	256.16	195.94	34.58	0	122.35	0	617.61
11/30/2010	0	9.1	268.03	192.13	32.33	0	121.6	0	623.19
12/31/2010	0	10	267.97	185.94	32	0	121.81	0	617.72
1/31/2011	0	8.39	267.2	184.91	32.32	0	120.22	0	613.04
2/28/2011	0	8.96	259.71	186.85	33.54	0	120.75	0	609.81
3/31/2011	0	8	255.03	197.22	34	0	122	0	616.25
4/30/2011	0	7.53	251.9	204.57	34	0	121.7	0	619.7
5/31/2011	0	8.19	239	206.87	33.71	0	120.55	0	608.32
6/30/2011	0	8.67	247.43	208.04	35.33	0	116.17	0	615.64
7/31/2011	0	7	246.48	208.58	38	0	112.42	0	612.48
8/31/2011	0	6.94	250.29	206.93	38.65	0	113.32	0	616.13
9/30/2011	0	3.87	262.37	209.37	40.97	0	116.97	0	633.55
10/31/2011	0	0	264.97	209.04	40	0	118.1	0	632.11
11/30/2011	0	0	266.73	208.33	38.33	0	116.8	0	630.19
12/31/2011	0	0	273.54	207.94	38	0	114.3	0	633.78
1/31/2012	0	0	278.9	209.61	39.23	0	111.71	0	639.45
2/29/2012	0	0	278.21	206.41	40.03	0	111.55	0	636.2
3/31/2012	0	0	279.35	204.26	40.29	0	111.87	0	635.77
4/30/2012	0	0	272.33	206.87	40.63	0	110.37	0	630.2
5/31/2012	0	0	277.65	207.94	39.45	0	108.68	0	633.72
6/30/2012	0	0	275.57	213.33	40.43	0	109.37	0	638.7
7/31/2012	0	0	272	220.42	41.68	0	113.45	0	647.55
8/31/2012	0	0	271.61	223.31	42	0	114.13	0	651.05
9/30/2012	0	0	268.67	220.63	42	0	110.83	0	642.13
10/31/2012	0	0	276.55	222.25	42	0	106.94	0	647.74

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
11/30/2012	0	0	285.66	218	42	0	103.53	0	649.19
12/31/2012	0	0	288.16	218.62	42	0	101.81	0	650.59
1/31/2013	0	0	291.29	220.48	41.32	0	101.68	0	654.77
2/28/2013	0	0	282.68	218.18	41.57	0	104.4	0	646.83
3/31/2013	0	0	282.77	214.56	41.68	0	106.83	0	645.84
4/30/2013	0	0	283.6	207.36	41.4	0	108.34	0	640.7
5/31/2013	0	0	287.64	198.97	41.48	0	110.23	0	638.32
6/30/2013	0	0	285.2	202.34	41	0	108.17	0	636.71
7/31/2013	0	0	287.61	210.94	40.74	0	106.71	0	646
8/31/2013	0	0	302.45	218.16	39.9	0	104.45	0	664.96
9/30/2013	0	0	300.63	217.8	39.3	0	103.03	0	660.76
10/31/2013	0	0	296.87	228.78	38.84	0	102.87	0	667.36
11/30/2013	0	0	305.8	232.8	39	0	102.17	0	679.77
12/31/2013	0	0	307.77	224.61	39	0	102.3	0	673.68
1/31/2014	0	0	305.23	236.07	38.16	0	101.87	0	681.33
2/28/2014	0	0	314.68	245.36	38	0	101.68	0	699.72
3/31/2014	0	0	302.55	251.74	38	0	103.29	0	695.58
4/30/2014	0	0	284.5	256.3	38	0	104	0	682.8
5/31/2014	0	0	281.62	261.36	38.61	0	103.77	0	685.36
6/30/2014	0	0	287.73	264.67	38.87	0	104.47	0	695.74
7/31/2014	0	0	307.1	268.61	38.65	0	105.1	0	719.46
8/31/2014	0	0	309.16	275.26	37.19	0	106.68	0	728.29
9/30/2014	0	0	298.54	281.53	37.6	0	108.47	0	726.14
10/31/2014	0	0	295.73	280.8	38	0	109.68	0	724.21
11/30/2014	0	0	292.47	285	39.34	0	110.37	0	727.18
12/31/2014	0	0	290.52	282.13	40	0	111.23	0	723.88
1/31/2015	0	0	293.87	283.68	40	0	108.81	0	726.36
2/28/2015	0	0	299.53	283.04	41.5	0.36	106.86	0	731.29
3/31/2015	0	0.9	296.26	282.52	42	1	106.51	0	729.19
4/30/2015	0	1	294.86	283.73	40.57	1	106.53	0	727.69
5/31/2015	0	1	291.16	282.2	40	1	103.52	0	718.88
6/30/2015	0	1	294.06	284.86	40.27	1	102.83	0	724.02
7/31/2015	0	1	295.36	278.39	40	1	104.68	0	720.43
8/31/2015	0	0.77	302.1	280.59	40	1	103.45	0	727.91
9/30/2015	0	0	295.59	295.94	39.43	1	104.2	0	736.16
10/31/2015	0	0	296.49	297.74	39	1	108	0	742.23
11/30/2015	0	0	295.1	306.49	39.93	1	109.8	0	752.32

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
12/31/2015	0	0	279.35	309.71	40	1	110.23	0	740.29
1/31/2016	0	0	276.51	312.46	39	1	110.65	0	739.62
2/29/2016	0	0	281.8	314.77	39	1	114	0	750.57
3/31/2016	0	0	274.59	310.02	37.32	1	116	0	738.93
4/30/2016	0	0	276.07	305.63	36.47	1	115.1	0	734.27
5/31/2016	0	0	294.71	312.09	35.1	0.35	111.12	0	753.37
6/30/2016	0	0	295.43	318.47	34.3	0	108.63	0	756.83
7/31/2016	0	0	288.81	318.49	36	0	107.71	0	751.01
8/31/2016	0	0	287.45	316.1	36.52	0	107.71	0	747.78
9/30/2016	0	0	288.5	310.4	37	0	108.87	0	744.77
10/31/2016	0	0	283.87	308.17	37	0	111.87	0	740.91
11/30/2016	0	0	287	324.86	37	0	112.23	0	761.09
12/31/2016	0	0	285.13	335.01	36.65	0	112.39	0	769.18
1/31/2017	0	0	282.29	344.36	36	0	112.87	0	775.52
2/28/2017	0	0	277.68	352.5	36.14	0	111.57	0	777.89
3/31/2017	0	0	292.39	351.36	35	0	112.58	0	791.33
4/30/2017	0	0	303.2	350.63	35.67	0	111.63	0	801.13
5/31/2017	0	0	298.16	349.65	36.91	0	109.64	0	794.36
6/30/2017	0	0	303.11	344.87	35.83	0	106.5	0	790.31
7/31/2017	0	0	308.71	354.71	34.65	0	105.13	0	803.2
8/31/2017	0	0	311.42	354.54	34	0	104.13	0	804.09
9/30/2017	0	0	305.46	355.87	32.7	0	102.3	0	796.33
10/31/2017	0	0	301.87	361.22	32	0	102.8	0	797.89
11/30/2017	0	0	311.37	366.39	32.13	0	106.73	0	816.62
12/31/2017	0	0	305.61	365.52	32.71	0	109.03	0	812.87
1/31/2018	0	0	303.93	371	31.97	0	109.36	0	816.26
2/28/2018	0	0	295.64	373.35	31.97	0	107.82	0	808.78
3/31/2018	0	0	300.42	373.16	31.84	0	107.81	0	813.23
4/30/2018	0	0	308.57	368.74	33	0	106.8	0	817.11
5/31/2018	0	0	304.23	366.77	32.32	0	106.81	0	810.13
6/30/2018	0	0	308.63	367.54	32	0	106.16	0	814.33
7/31/2018	0	0	309.91	364.71	32.45	0	107.61	0	814.68
8/31/2018	0	0	307.9	362.78	33	0	109.84	0	813.52
9/30/2018	0	0	299.8	363.57	33	0	112.17	0	808.54
10/31/2018	0	0	292.51	362.19	31.22	0	110.77	0	796.69
11/30/2018	0	0	303.6	362.2	30.1	0	110.4	0	806.3
12/31/2018	0	0	299.52	364.68	28	0	109.62	0	801.82

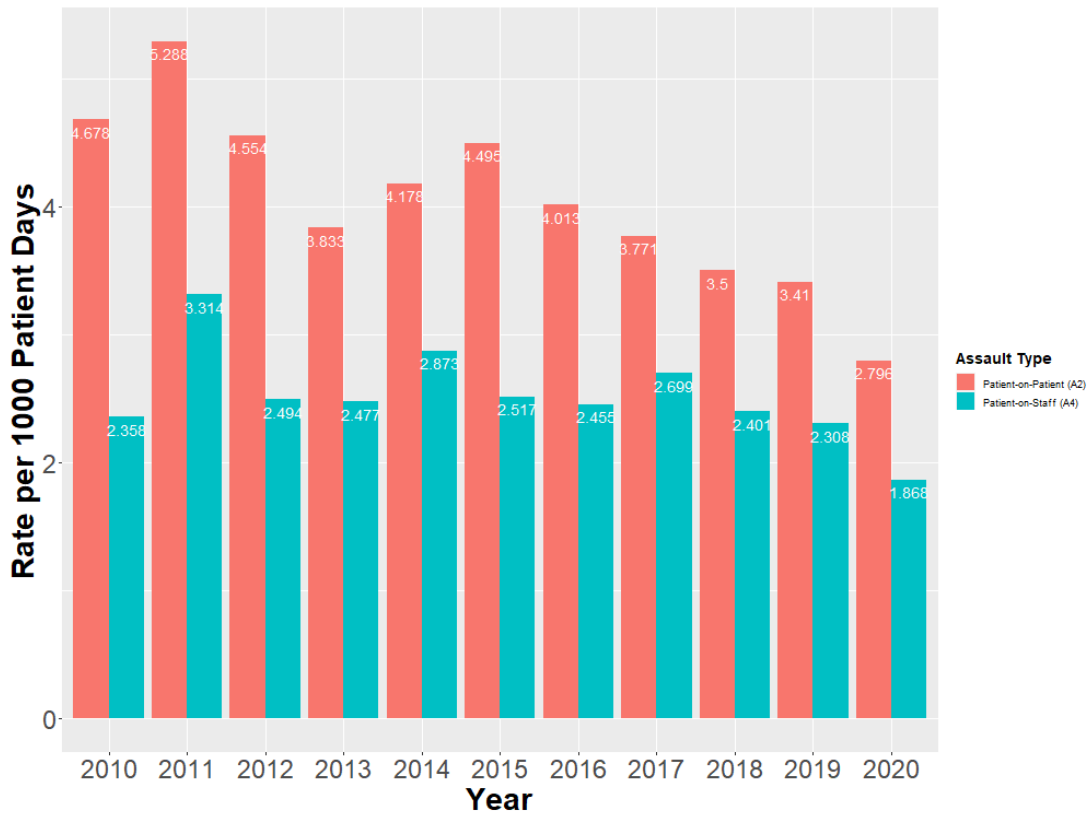
DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2019	0	0	296.06	367.42	28.61	0	114.46	0	806.55
2/28/2019	0	0	302	366.26	29.71	0	116	0	813.97
3/31/2019	0	0	309.23	364.9	31	0	114.97	0	820.1
4/30/2019	0	0	318.64	366.7	30.7	0	115	0	831.04
5/31/2019	0	0	311.19	360.71	29.42	0	114.16	0	815.48
6/30/2019	0	0	295.06	355.99	27.07	0	112.03	0	790.15
7/31/2019	0	0	312.29	352.22	26.23	0	113.23	0	803.97
8/31/2019	0	0	322.77	348.55	25.58	0	115.77	0	812.67
9/30/2019	0	0	321.13	349.21	26.43	0	116.07	0	812.84
10/31/2019	0	0	348.62	339.14	28.29	0	115.97	0	832.02
11/30/2019	0	0	365.5	341.96	28.87	0	117	0	853.33
12/31/2019	0	0	355.49	347.51	28.26	0	119.03	0	850.29
1/31/2020	0	0	359.49	358	28	0	118.16	0	863.65
2/29/2020	0	0	398.52	363.9	28	0	120.52	0	910.94
3/31/2020	0	0	397.81	362.94	28	0	121	0	909.75
4/30/2020	0	0	398.67	362	28	0	121	0	909.67
5/31/2020	0	0	372.49	361.83	27.84	0	121	0	883.16
6/30/2020	0	0	305.37	359.77	27.57	0	121.03	0	813.74
7/31/2020	0	0	266.29	360.61	28	0	121.06	0	775.96
8/31/2020	0	0	256.39	356.38	28.16	0	121.13	0	762.06
9/30/2020	0	0	261.33	355.9	26.23	0	119.47	0	762.93
10/31/2020	0	0	292.88	349.71	26	0	119.64	0	788.23
11/30/2020	0	0	319.9	348.48	24.5	0	120.63	0	813.51
12/31/2020	0	0	306.29	349.51	54.16	0	124.36	0	834.32

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



- While percentages vary across different legal classes, overall, in 2020 the number of patient-on-patient assaults at DSH-Metropolitan decreased 16.3% from the 2019 total (see Table IV.C.1), while the number of patient-on-staff assaults decreased by 17.4% from 2019 (see Table IV.C.2).
- Coupled with a population increase (measured in “total patient days”) in 2020 of 2.1%, the rate of patient-on-patient assaults at DSH-Metropolitan decreased 18.0% from 2019 (see Table IV.C.1), while the rate of patient-on-staff assault decreased 19.1% from 2019

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	290870	3.771	-6
2018	1035	295690	3.5	-7.2
2019	1021	299385	3.41	-2.6
2020	855	305743	2.796	-18

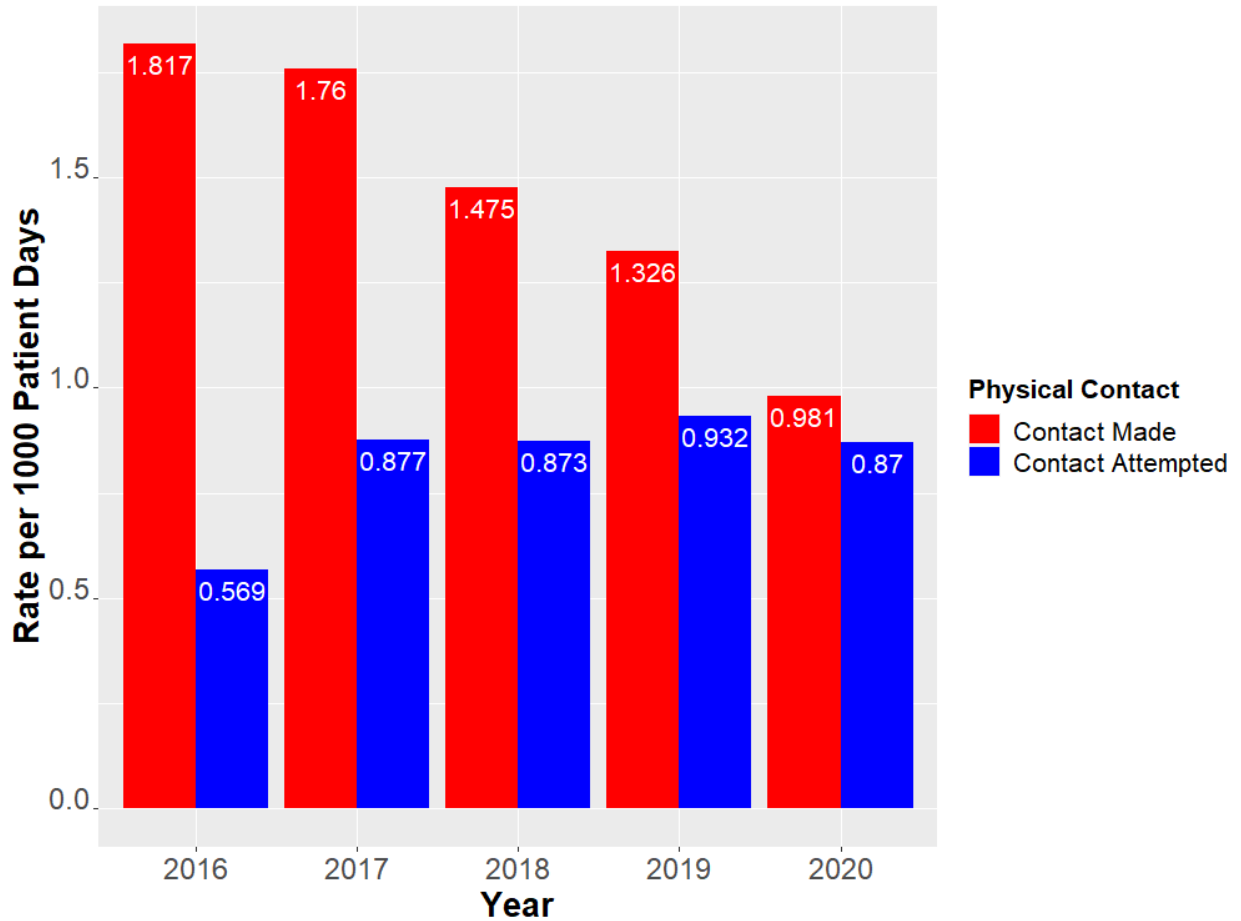
**Table IV.C.2  
 DSH-Metropolitan Yearly A4 Patient on Staff Assault Summary**

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	290870	2.699	9.9
2018	710	295690	2.401	-11
2019	691	299385	2.308	-3.9
2020	571	305743	1.868	-19.1



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**

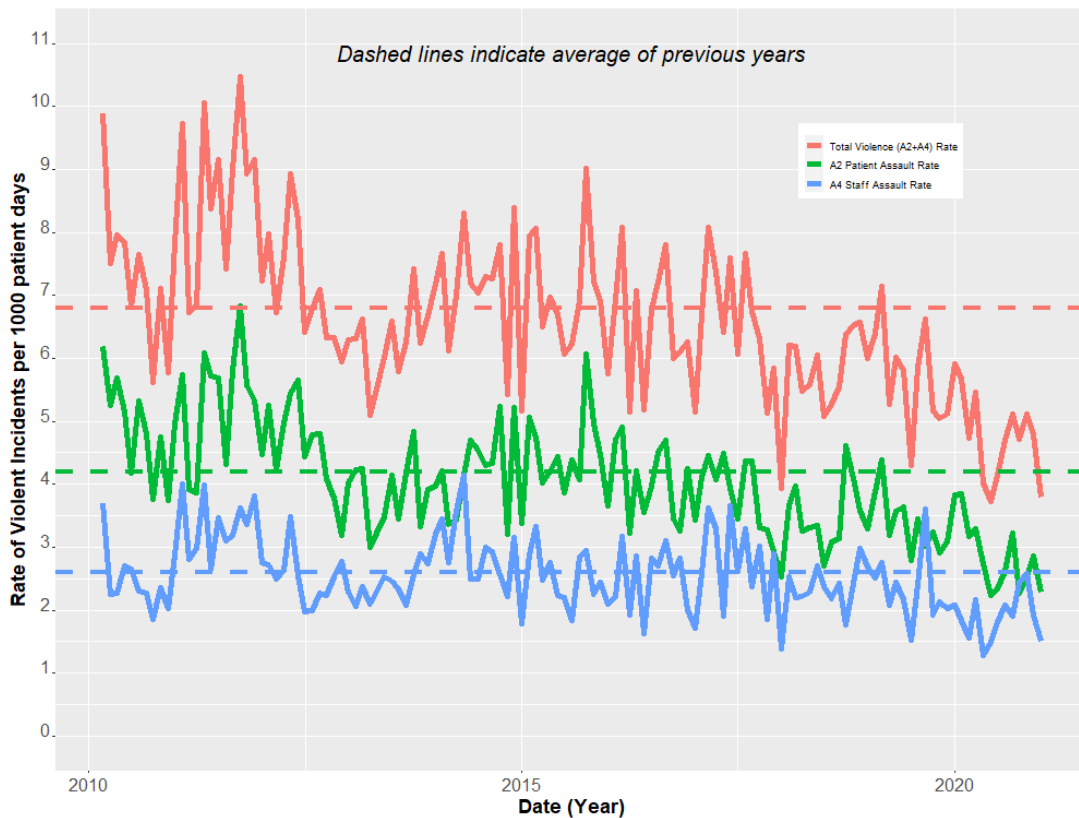
YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	498	274139	1.817	NA
2016	Contact Attempted	156	274139	0.569	NA
2017	Contact Made	512	290870	1.76	-3.1
2017	Contact Attempted	255	290870	0.877	54.1
2018	Contact Made	436	295690	1.475	-16.2
2018	Contact Attempted	258	295690	0.873	-0.5
2019	Contact Made	397	299385	1.326	-10.1
2019	Contact Attempted	279	299385	0.932	6.8
2020	Contact Made	300	305743	0.981	-26.0
2020	Contact Attempted	266	305743	0.87	-6.6

As seen in the table and graph above, the category of “Physical Contact Made” decreased 26.0% from the previous year, while the category of “Physical Contact Attempted” decreased 6.6%.

## 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**

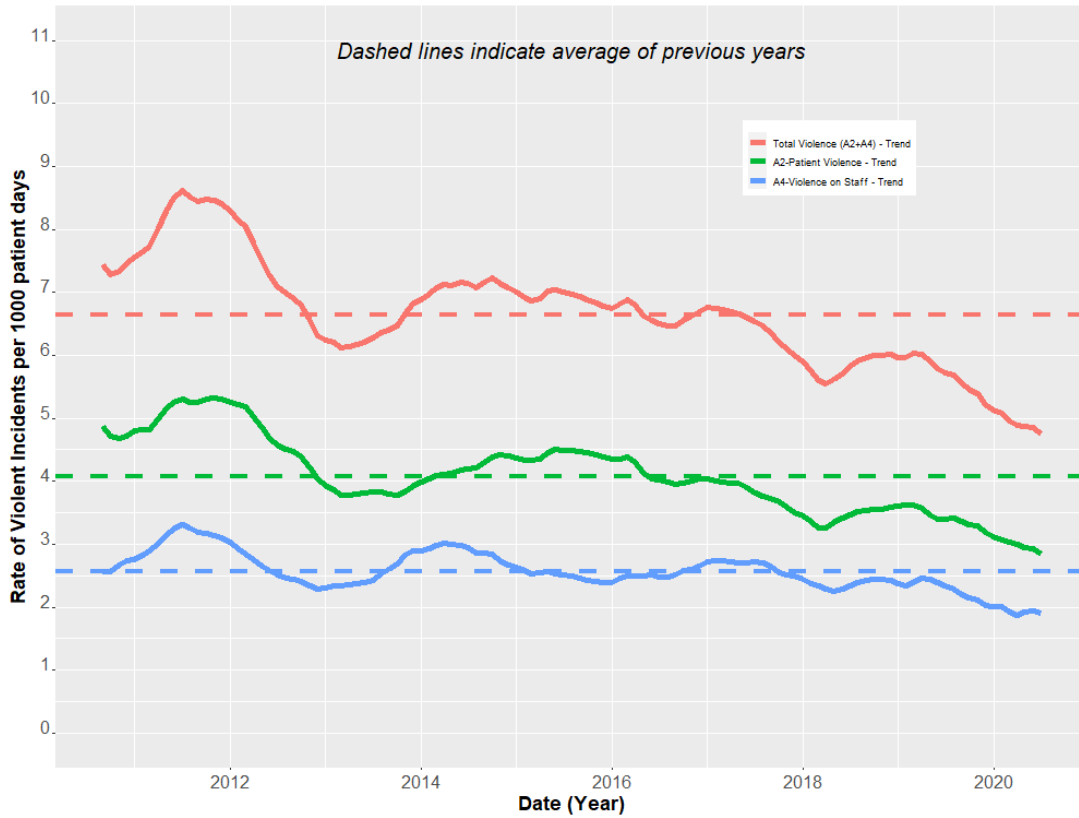


Figure C.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Metropolitan. The dashed lines indicate the previous years (2010-2019) average rate for each category, for comparison with 2020. 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	4.118	2.579	6.697
2/28/2017	4.453	3.627	8.080
3/31/2017	4.076	3.302	7.378
4/30/2017	4.494	1.914	6.408
5/31/2017	3.939	3.655	7.594
6/30/2017	3.459	2.615	6.074
7/31/2017	4.378	3.293	7.671
8/31/2017	4.373	2.367	6.740
9/30/2017	3.307	3.014	6.321
10/31/2017	3.275	1.860	5.134
11/30/2017	2.939	2.898	5.837
12/31/2017	2.540	1.389	3.929
1/31/2018	3.675	2.529	6.205
2/28/2018	3.974	2.208	6.182
3/31/2018	3.253	2.221	5.474
4/30/2018	3.304	2.285	5.589
5/31/2018	3.345	2.708	6.052
6/30/2018	2.702	2.374	5.076
7/31/2018	3.088	2.178	5.266
8/31/2018	3.133	2.419	5.551
9/30/2018	4.617	1.773	6.390
10/31/2018	4.089	2.429	6.519
11/30/2018	3.597	2.977	6.573
12/31/2018	3.299	2.696	5.995
1/31/2019	3.880	2.520	6.399

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2019	4.388	2.764	7.152
3/31/2019	3.186	2.085	5.271
4/30/2019	3.570	2.447	6.017
5/31/2019	3.639	2.176	5.815
6/30/2019	2.784	1.519	4.303
7/31/2019	3.451	2.407	5.858
8/31/2019	3.017	3.612	6.629
9/30/2019	3.240	1.927	5.167
10/31/2019	2.908	2.132	5.040
11/30/2019	3.086	2.031	5.117
12/31/2019	3.832	2.087	5.918
1/31/2020	3.847	1.830	5.677
2/29/2020	3.180	1.552	4.732
3/31/2020	3.298	2.163	5.461
4/30/2020	2.748	1.283	4.031
5/31/2020	2.228	1.498	3.726
6/30/2020	2.335	1.802	4.137
7/31/2020	2.619	2.079	4.698
8/31/2020	3.217	1.905	5.122
9/30/2020	2.272	2.447	4.719
10/31/2020	2.537	2.578	5.116
11/30/2020	2.868	1.926	4.794
12/31/2020	2.281	1.508	3.789



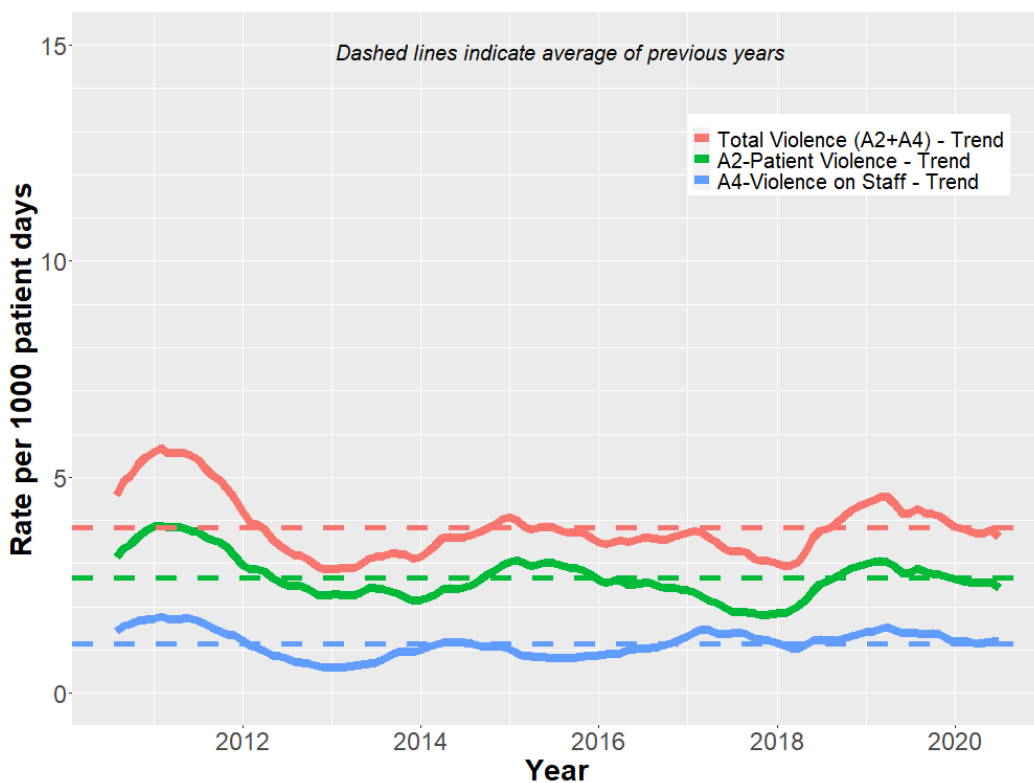
## Violence Rates by Major Legal Classes

### 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.

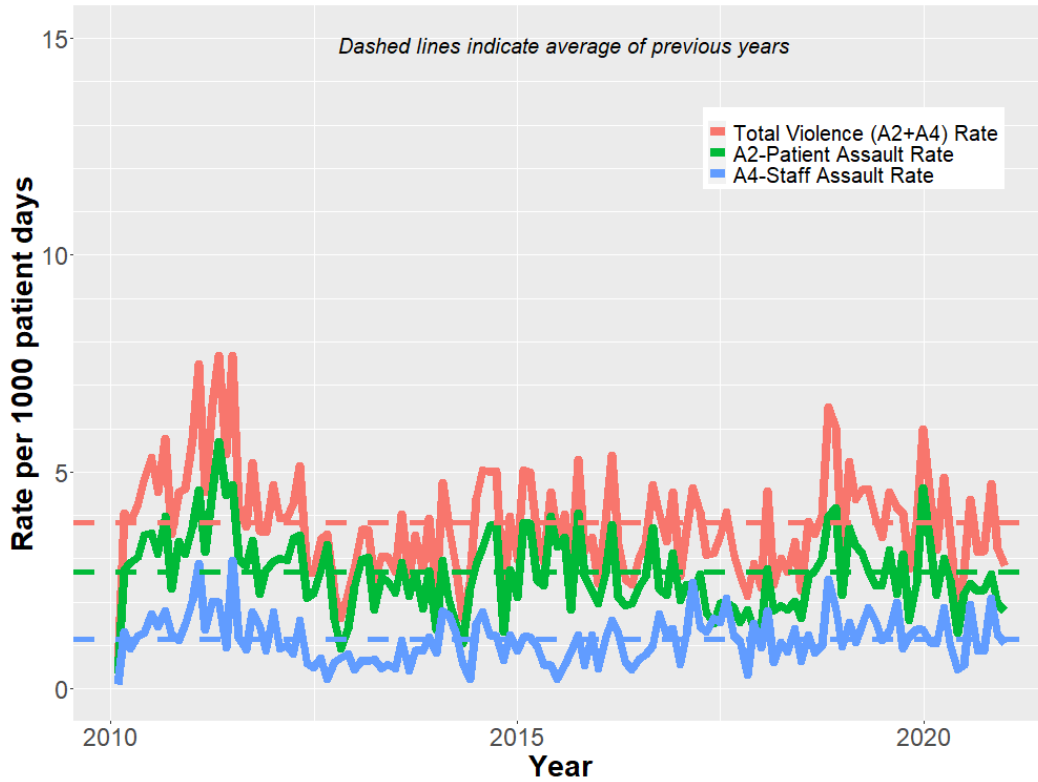
**Figure C.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Metropolitan**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	2.400	1.257	3.657
2/28/2017	2.186	2.444	4.630
3/31/2017	2.648	1.434	4.082
4/30/2017	1.759	1.319	3.078
5/31/2017	1.515	1.623	3.138
6/30/2017	1.980	1.540	3.519
7/31/2017	1.985	2.090	4.075
8/31/2017	1.865	1.243	3.108
9/30/2017	1.528	1.091	2.619
10/31/2017	1.817	0.321	2.137
11/30/2017	1.392	1.499	2.890
12/31/2017	1.372	0.950	2.322
1/31/2018	2.759	1.804	4.564
2/28/2018	1.812	0.604	2.416
3/31/2018	1.933	1.074	3.007
4/30/2018	1.836	0.864	2.701
5/31/2018	2.015	1.378	3.393
6/30/2018	1.620	0.648	2.268
7/31/2018	2.602	1.249	3.851
8/31/2018	2.724	0.838	3.562
9/30/2018	3.002	1.001	4.003
10/31/2018	3.970	2.536	6.506
11/30/2018	4.172	1.866	6.039
12/31/2018	2.154	0.969	3.123
1/31/2019	3.705	1.525	5.230

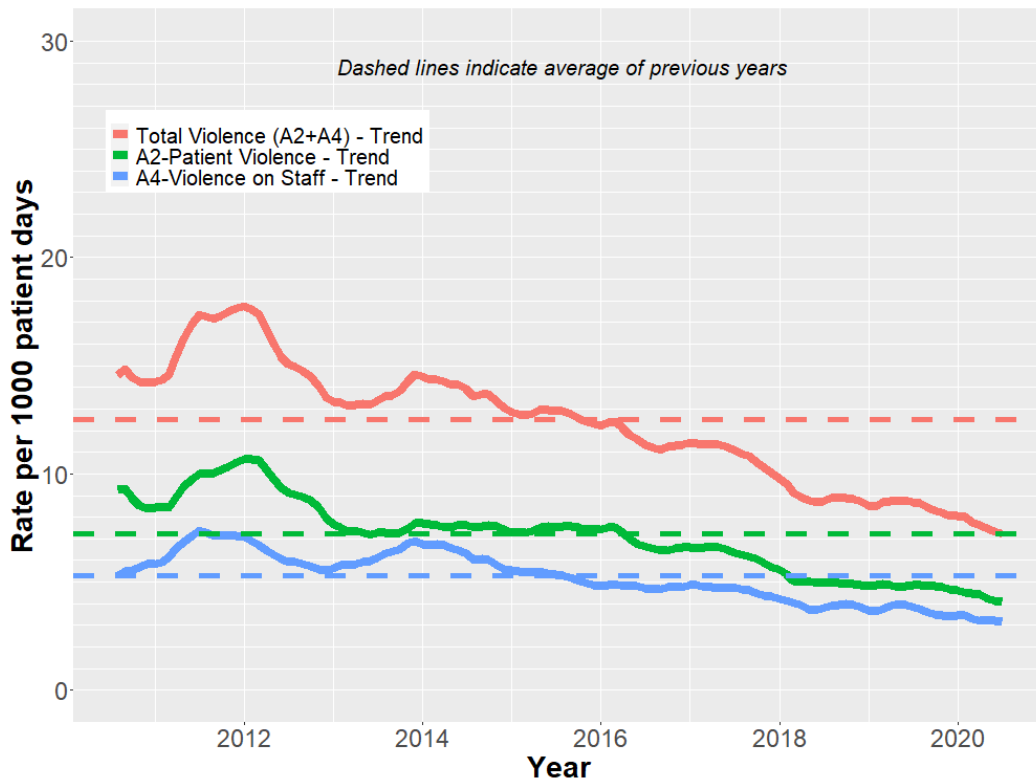
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2019	3.311	1.064	4.376
3/31/2019	3.130	1.460	4.590
4/30/2019	2.720	1.883	4.603
5/31/2019	2.384	1.555	3.939
6/30/2019	2.372	1.130	3.502
7/31/2019	3.202	1.343	4.545
8/31/2019	2.199	1.999	4.197
9/30/2019	3.114	0.934	4.048
10/31/2019	1.573	1.203	2.776
11/30/2019	2.462	1.368	3.830
12/31/2019	4.628	1.361	5.989
1/31/2020	3.320	1.077	4.397
2/29/2020	2.163	1.038	3.202
3/31/2020	3.000	1.865	4.865
4/30/2020	2.508	1.003	3.512
5/31/2020	1.299	0.433	1.732
6/30/2020	2.183	0.546	2.729
7/31/2020	2.423	1.938	4.361
8/31/2020	2.265	0.881	3.145
9/30/2020	2.296	0.893	3.189
10/31/2020	2.643	2.093	4.736
11/30/2020	1.980	1.250	3.230
12/31/2020	1.790	1.053	2.844

## 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.

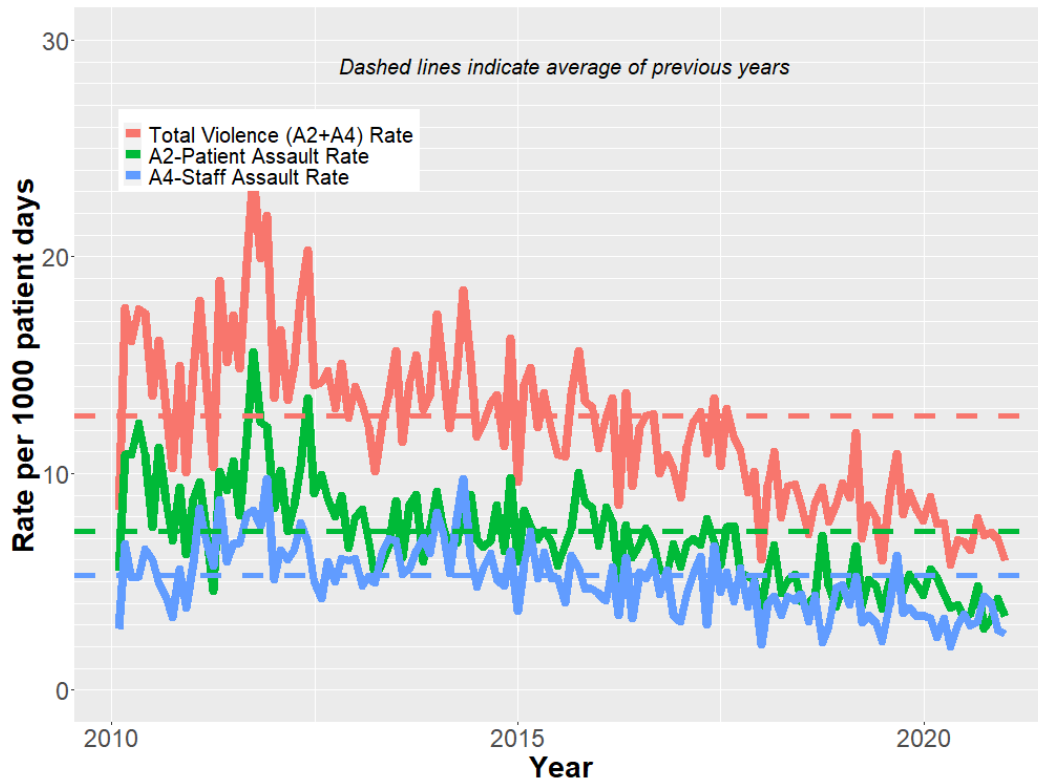
**Figure C.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Metropolitan**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	7.151	2.200	9.352
10/31/2018	4.809	2.939	7.748
11/30/2018	3.865	4.694	8.559
12/31/2018	4.688	4.865	9.553
1/31/2019	4.917	3.951	8.867

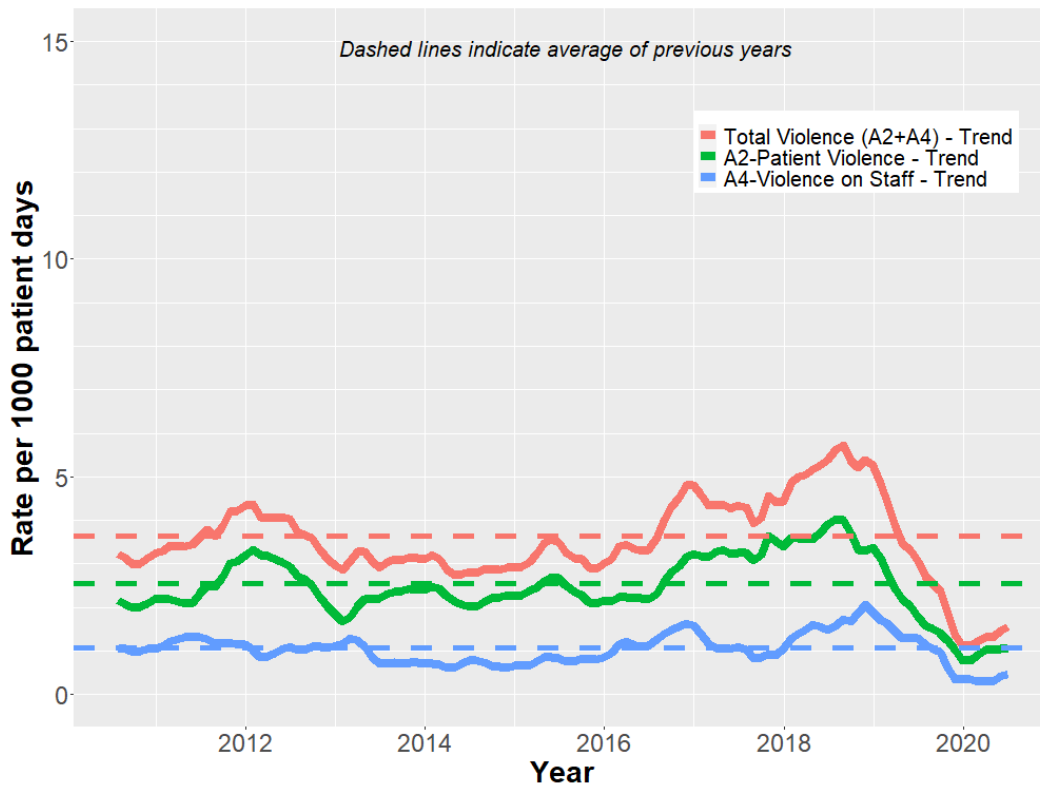
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2019	6.631	5.266	11.897
3/31/2019	3.890	3.094	6.984
4/30/2019	5.090	3.454	8.545
5/31/2019	4.829	3.130	7.959
6/30/2019	3.745	2.247	5.993
7/31/2019	5.037	3.938	8.975
8/31/2019	4.720	6.201	10.921
9/30/2019	4.582	3.532	8.114
10/31/2019	5.327	3.805	9.132
11/30/2019	4.874	3.412	8.285
12/31/2019	4.363	3.435	7.797
1/31/2020	5.587	3.334	8.921
2/29/2020	5.212	2.464	7.676
3/31/2020	4.444	3.289	7.733
4/30/2020	3.775	2.026	5.801
5/31/2020	3.923	3.031	6.954
6/30/2020	3.335	3.521	6.856
7/31/2020	3.489	2.952	6.441
8/31/2020	4.797	3.168	7.965
9/30/2020	2.810	4.308	7.118
10/31/2020	3.321	3.966	7.287
11/30/2020	4.209	2.774	6.983
12/31/2020	3.415	2.584	5.999

## 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.

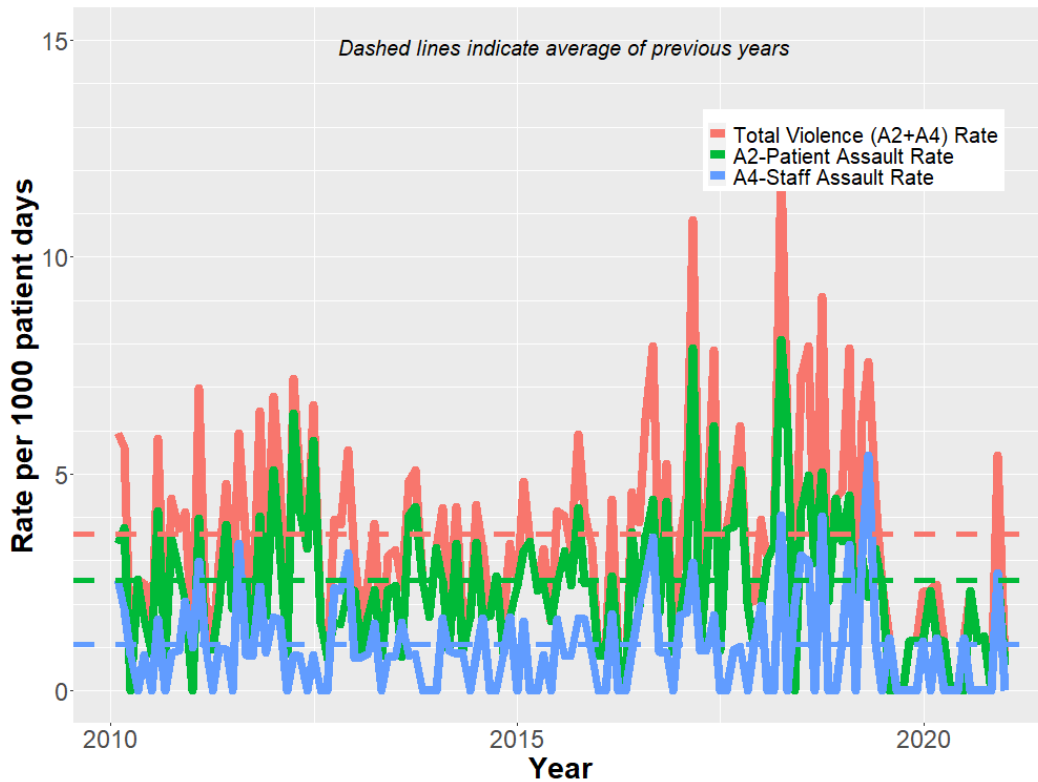
**Figure C.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Metropolitan**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	5.051	4.040	9.091
10/31/2018	2.066	0.000	2.066
11/30/2018	4.430	0.000	4.430
12/31/2018	3.456	1.152	4.608
1/31/2019	4.510	3.382	7.892

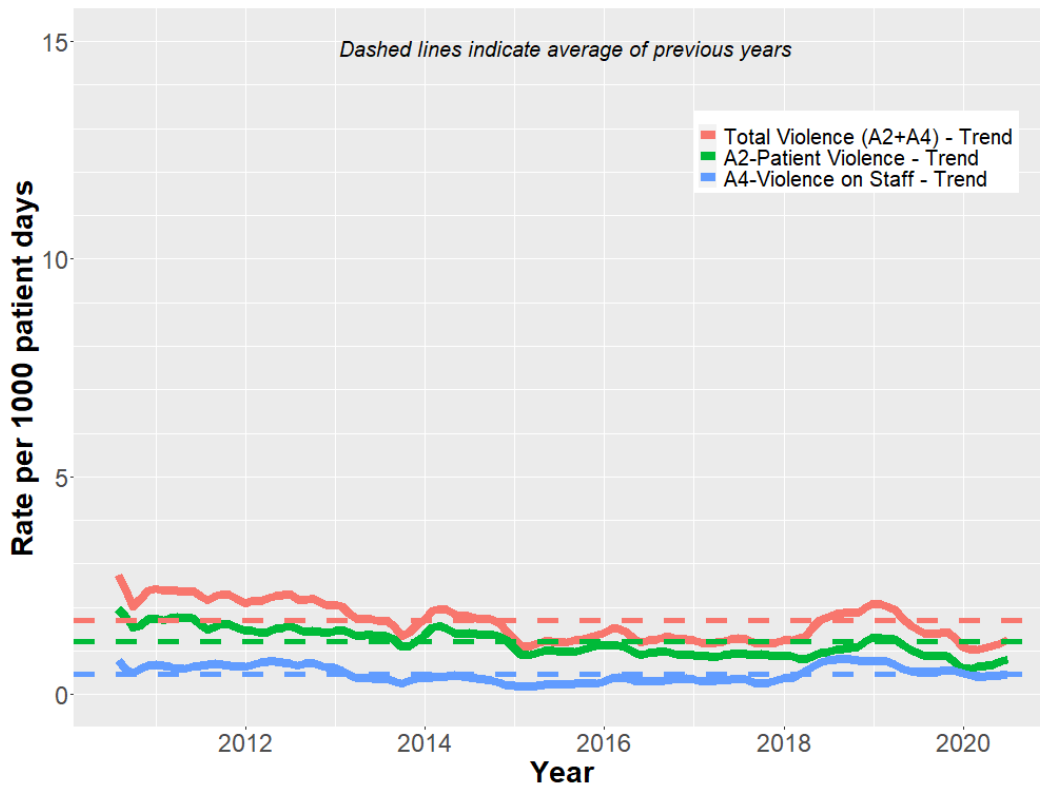
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2019	1.202	0.000	1.202
3/31/2019	3.122	3.122	6.243
4/30/2019	2.172	5.429	7.600
5/31/2019	3.289	1.096	4.386
6/30/2019	2.463	0.000	2.463
7/31/2019	0.000	1.230	1.230
8/31/2019	0.000	0.000	0.000
9/30/2019	0.000	0.000	0.000
10/31/2019	1.140	0.000	1.140
11/30/2019	1.155	0.000	1.155
12/31/2019	1.142	1.142	2.283
1/31/2020	2.304	0.000	2.304
2/29/2020	1.232	1.232	2.463
3/31/2020	1.152	0.000	1.152
4/30/2020	0.000	0.000	0.000
5/31/2020	0.000	0.000	0.000
6/30/2020	0.000	1.209	1.209
7/31/2020	2.304	0.000	2.304
8/31/2020	1.145	0.000	1.145
9/30/2020	1.271	0.000	1.271
10/31/2020	0.000	0.000	0.000
11/30/2020	2.721	2.721	5.442
12/31/2020	0.596	0.000	0.596

## 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.

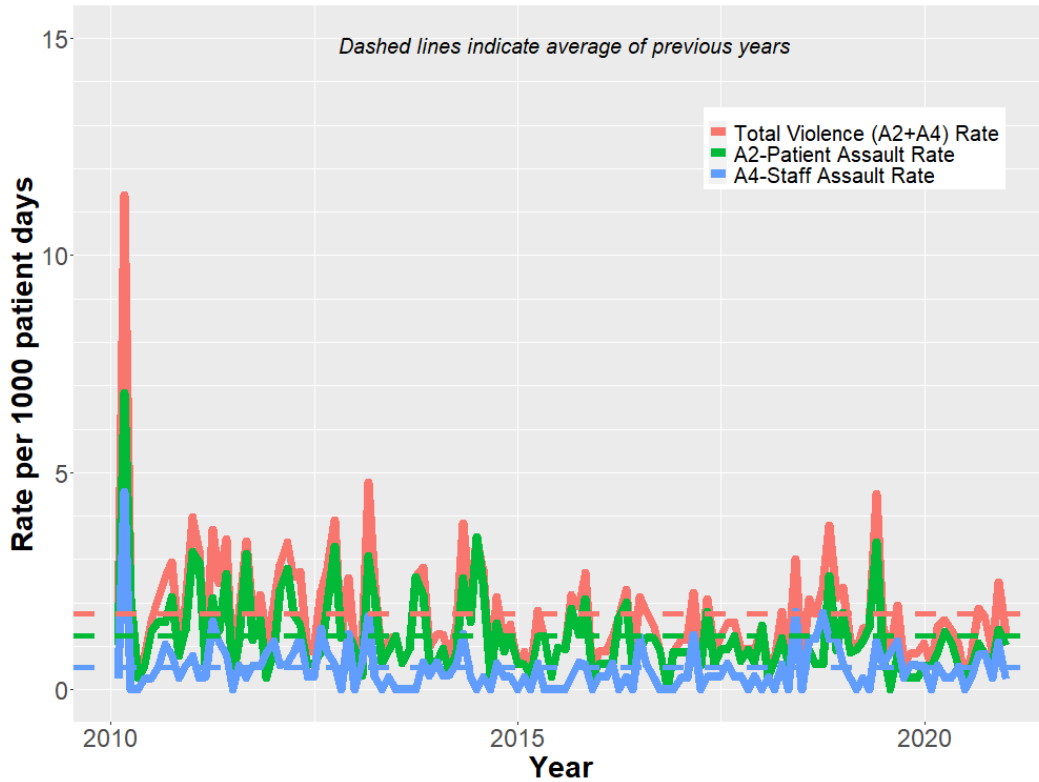
**Figure C.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Metropolitan**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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	0.836	1.115	1.950
9/30/2019	0.287	0.287	0.574
10/31/2019	0.278	0.556	0.834
11/30/2019	0.285	0.570	0.855
12/31/2019	0.542	0.542	1.084
1/31/2020	0.546	0.000	0.546
2/29/2020	0.858	0.572	1.431
3/31/2020	1.333	0.267	1.600
4/30/2020	1.102	0.275	1.377
5/31/2020	0.533	0.533	1.066
6/30/2020	0.275	0.000	0.275
7/31/2020	0.533	0.266	0.799
8/31/2020	1.065	0.799	1.864
9/30/2020	0.837	0.837	1.674
10/31/2020	0.539	0.270	0.809
11/30/2020	1.382	1.105	2.487
12/31/2020	1.038	0.259	1.297



## 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 2010-2020, 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.1**  
**DSH-Napa Monthly ADC, By Legal Commitment**

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2010	0	4	275.06	186.22	152.61	8	543.77	0	1169.66
2/28/2010	0	3.93	266.25	187.93	153.18	8	545.39	0	1164.68
3/31/2010	0	5	268.61	183.45	152.35	8	547.23	0	1164.64
4/30/2010	0	5	272.83	181.2	150.33	8	544	0	1161.36
5/31/2010	0	5	268.03	188.44	151.71	8	543.71	0	1164.89
6/30/2010	0	5.53	269.6	192.24	152.43	8	543.64	0	1171.44
7/31/2010	0	5.35	257	193.71	152.58	8	547.83	0	1164.47
8/31/2010	0	5	260.29	194.06	153.49	8	547.94	0	1168.78
9/30/2010	0	5	262.13	194.47	152.77	8	550.26	0	1172.63
10/31/2010	0	5	257.83	201.65	152.78	8	553.81	0	1179.07
11/30/2010	0	5	261.97	201.1	150.96	8	553.66	0	1180.69
12/31/2010	0	5	254.55	203.93	149.54	8	556.71	0	1177.73
1/31/2011	0	5	251.45	214.17	149.49	8	558.13	0	1186.24
2/28/2011	0	4.75	244.25	217.51	147.04	8	558.25	0	1179.8
3/31/2011	0	4	244.07	215.26	144.78	8	562.71	0	1178.82
4/30/2011	0	4	248.57	211.4	144.04	8	564.2	0	1180.21
5/31/2011	0	4	243.13	212.86	145.81	8	565.58	0	1179.38
6/30/2011	0	4	242.9	206.76	145.47	8	559.53	0	1166.66
7/31/2011	0	4	239.2	204.71	141.26	8	558.61	0	1155.78
8/31/2011	0	4	243.58	208.44	141.25	8	555.55	0	1160.82
9/30/2011	0	4	257.93	208.99	141.93	8	558.24	0	1179.09
10/31/2011	0	4	268.42	206.06	143.91	8	562.41	0	1192.8
11/30/2011	0	4	271.7	205.72	143.63	8	562.63	0	1195.68
12/31/2011	0	4	279.84	205.33	141.39	8	558.36	0	1196.92
1/31/2012	0	4	284.9	203.21	137.54	8	558.93	0	1196.58
2/29/2012	0	4	289	209.97	134.06	8	557.49	0	1202.52
3/31/2012	0	4	283.42	216.54	132.51	7.9	553.16	0	1197.53
4/30/2012	0	4.67	281.7	220.71	132.63	7	555.5	0	1202.21
5/31/2012	0	5	278.1	224.61	131.97	7	559.06	0	1205.74
6/30/2012	0	5	280.53	224.35	131.36	7	556.5	0	1204.74
7/31/2012	0	5	283.31	227.35	131.04	7	560.81	0	1214.51
8/31/2012	0	5	281.68	224.42	131.1	7	563.22	0	1212.42
9/30/2012	0	4.23	281.23	226.44	131.53	7	560.53	0	1210.96
10/31/2012	0	4	274.29	225.29	131.97	7	561.16	0	1203.71

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
11/30/2012	0	4	280.07	225.14	130.3	7	561.43	0	1207.94
12/31/2012	0	4	276.62	224.67	125.78	7	564.06	0	1202.13
1/31/2013	0	3.55	278.55	222.11	124.09	7	567.39	0	1202.69
2/28/2013	0	3	276.32	221.13	124.07	7	569.18	0	1200.7
3/31/2013	0	3.58	273.19	222.89	123.45	7	573.93	0	1204.04
4/30/2013	0	4	275.27	224	118.83	7	572.53	0	1201.63
5/31/2013	0	4	283.32	220.46	114.49	7	572.17	0	1201.44
6/30/2013	0	4	290.2	216.87	112.7	7	573.43	0	1204.2
7/31/2013	0	4	294.55	215.39	111.03	7	571.13	0	1203.1
8/31/2013	0	4	301.77	213.35	109.42	7	569.06	0	1204.6
9/30/2013	0	3.1	304.7	208.5	106.97	7	564.87	0	1195.14
10/31/2013	0	2	304.77	203.1	108.42	7	566.52	0	1191.81
11/30/2013	0	2	301.37	200.77	106.57	7	567.23	0	1184.94
12/31/2013	0	2	299.48	200.62	106.26	7	561.32	0	1176.68
1/31/2014	0	2	296.12	198.62	106.22	7	557.96	0	1167.92
2/28/2014	0	2	292.22	199.57	101.79	7	554.5	0	1157.08
3/31/2014	0	2	297.52	201.46	85.58	7	552.35	0	1145.91
4/30/2014	0	2	302.54	206.43	82.46	7	551.83	0	1152.26
5/31/2014	0	2	322.51	206.55	82.48	7	557.94	0	1178.48
6/30/2014	0	2	321.49	210.86	83.1	7	565.83	0	1190.28
7/31/2014	0	2	330.36	211.06	81.87	7	571.62	0	1203.91
8/31/2014	0	2	332.19	210.44	80.81	7	574.74	0	1207.18
9/30/2014	0	2.4	333.37	208.76	80.2	7	578.73	0	1210.46
10/31/2014	0	3	337.35	208.97	78	7	577.68	0	1212
11/30/2014	0	2.17	341.03	205.69	78.83	7	577.23	0	1211.95
12/31/2014	0	1.48	344.93	205.26	78.77	7	576.61	0	1214.05
1/31/2015	0	1	342.96	206.69	78.74	7	575.32	0	1211.71
2/28/2015	0	0.07	326.96	207.32	80	7	575.39	0	1196.74
3/31/2015	0	0	325.65	207.65	80.29	6.74	572.91	0	1193.24
4/30/2015	0	0	324.4	210.1	80.76	6	569.7	0	1190.96
5/31/2015	0	0	329.22	211.51	81	6	573.26	0	1200.99
6/30/2015	0	0	332.83	214.12	81.5	6	574.37	0	1208.82
7/31/2015	0	0	330.03	216.99	81.09	6	577.16	0	1211.27
8/31/2015	0	0	333.2	215.04	82	6	578.93	0	1215.17
9/30/2015	0	0	334.67	211.74	81.1	6	575.3	0	1208.81
10/31/2015	0	0	334.85	210.96	78.84	6	574.55	0	1205.2
11/30/2015	0	0	337.53	215.47	77.67	5.53	567.9	0	1204.1

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
12/31/2015	0	0	338.97	213.36	76.1	5	567.71	0	1201.14
1/31/2016	0	0	335.75	212.93	74.19	5	567.71	0	1195.58
2/29/2016	0	0	345.45	207.54	72.38	5	574.14	0	1204.51
3/31/2016	0	0	368.55	212.09	72.68	5	584.03	0	1242.35
4/30/2016	0	0.6	378.73	220.53	72.8	5	582.64	0	1260.3
5/31/2016	0	0.74	378.48	221.52	72	2	586.71	0	1261.45
6/30/2016	0	0	373.84	225.46	72	2	591.11	0	1264.41
7/31/2016	0	0	381.71	226.77	72.2	2	589.87	0	1272.55
8/31/2016	0	0	380.65	223.31	71.71	2	592.19	0	1269.86
9/30/2016	0	0	375.93	218.7	72.53	2	589.8	0	1258.96
10/31/2016	0	0	373.97	215.45	72.77	2	590.97	0	1255.16
11/30/2016	0	0	371.1	219.63	73.23	2	591.4	0	1257.36
12/31/2016	0	0	367.3	220.75	73	2	591.87	0	1254.92
1/31/2017	0	0	365.01	222.61	71.22	2	592.1	0	1252.94
2/28/2017	0	0	377.14	223.83	70.21	2	586.89	0	1260.07
3/31/2017	0	0	376.09	220.93	69.58	2	582.87	0	1251.47
4/30/2017	0	0	371.53	221.07	70.6	2	582.77	0	1247.97
5/31/2017	0	0	367.78	222.07	71.91	2	585.8	0	1249.56
6/30/2017	0	0	367.03	220.37	73.3	2	583.07	0	1245.77
7/31/2017	0	0	369.23	216.8	74.87	2	580.94	0	1243.84
8/31/2017	0	0	365.43	216.16	75.97	2	583.12	0	1242.68
9/30/2017	0	0	366.64	218.53	77	2	585.6	0	1249.77
10/31/2017	0	0	366.04	217.51	77	2	584.91	0	1247.46
11/30/2017	0	0	371.17	216.83	76.5	2	584.33	0	1250.83
12/31/2017	0	0	378.54	219.97	76	2	583.84	0	1260.35
1/31/2018	0	0	385.74	219.64	76	2	584.61	0	1267.99
2/28/2018	0	0	397.72	220.5	76.57	2	583.18	0	1279.97
3/31/2018	0	0	401.65	219.36	77	2	585.13	0	1285.14
4/30/2018	0	0	398.57	216.93	77	2	588.04	0	1282.54
5/31/2018	0	0	390.42	216.03	78.68	2	588.33	0	1275.46
6/30/2018	0	0	388.03	214.86	78.7	2	591.97	0	1275.56
7/31/2018	0	0	398.49	213.84	76.23	2	588.32	0	1278.88
8/31/2018	0	0	397.4	216.69	74	2	586	0	1276.09
9/30/2018	0	0	394.7	214.4	74.63	2	586	0	1271.73
10/31/2018	0	0	397.03	214.84	69.29	2	589.93	0	1273.09
11/30/2018	0	0	391.16	217.2	64.96	2	589.74	0	1265.06
12/31/2018	0	0	380.55	215.84	64.52	2	588.26	0	1251.17

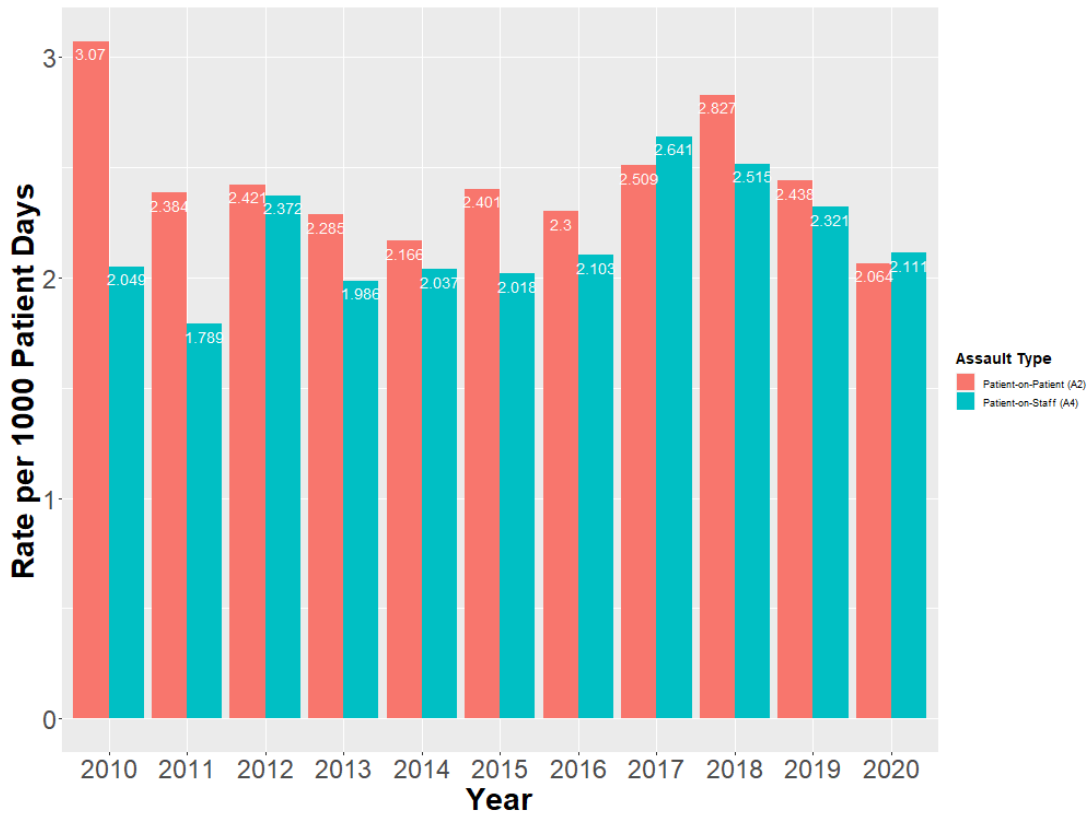
DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2019	0	0	386.48	217.71	65	2	589.29	0	1260.48
2/28/2019	0	0.64	399.36	215	64.5	2	587.35	0	1268.85
3/31/2019	0	2	396.09	212.94	65.81	2	588.13	0	1266.97
4/30/2019	0	2	390.52	210.73	65.8	2	590.97	0	1262.02
5/31/2019	0	1.32	392.61	208.75	63	2	589.84	0	1257.52
6/30/2019	0	2	389.24	209	63.33	2	588	0	1253.57
7/31/2019	0	1.32	394.04	208.68	62	2	585.84	0	1253.88
8/31/2019	0	1	400.03	208.96	61.68	2	584.64	0	1258.31
9/30/2019	0	0.53	401.24	208.1	60.23	2	583.37	0	1255.47
10/31/2019	0	0	420.13	204.42	60.03	2	581.52	0	1268.1
11/30/2019	0	0	427.47	201.77	59.87	2	578.63	0	1269.74
12/31/2019	0	0	427.64	201.09	58.58	2	581.51	0	1270.82
1/31/2020	0	0	423.61	203.23	57.65	2	580.06	0	1266.55
2/29/2020	0	0	423.1	203.17	56.07	1.83	580.63	0	1264.8
3/31/2020	0	0.26	421.19	200.9	56	1	578.48	0	1257.83
4/30/2020	0	1	409.17	199.33	55.27	1	578.33	0	1244.1
5/31/2020	0	1	360.84	200	55.16	1	576.06	0	1194.06
6/30/2020	0	0.8	255.5	199.36	56	1	577.47	0	1090.13
7/31/2020	0	0	256.26	199.1	58.1	1	578.13	0	1092.59
8/31/2020	0	0	257.62	199.61	66	1	574.52	0	1098.75
9/30/2020	0	0	251.67	200.67	66.23	1	570.13	0	1089.7
10/31/2020	0	0	259.07	198.84	67	1	568.1	0	1094.01
11/30/2020	0	0.5	271.27	198	67	1	566.37	0	1104.14
12/31/2020	0	1	269.16	195.77	66.68	1	560.25	0	1093.86

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



- While percentages vary across different legal classes, overall, in 2020 the number of patient-on-patient assaults at DSH-Napa decreased 22.2% from the 2019 total (see Table IV.D.1), while the number of patient-on-staff assaults decreased by 17.4% from 2019 (see Table IV.D.2).
- Coupled with a population decrease (measured in “total patient days”) in 2020 of 8.1%, the rate of patient-on-patient assaults at DSH-Napa decreased 15.3% from 2019 (see Table IV.D.1), while the rate of patient-on-staff assault decreased 9.0% from 2019 (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**

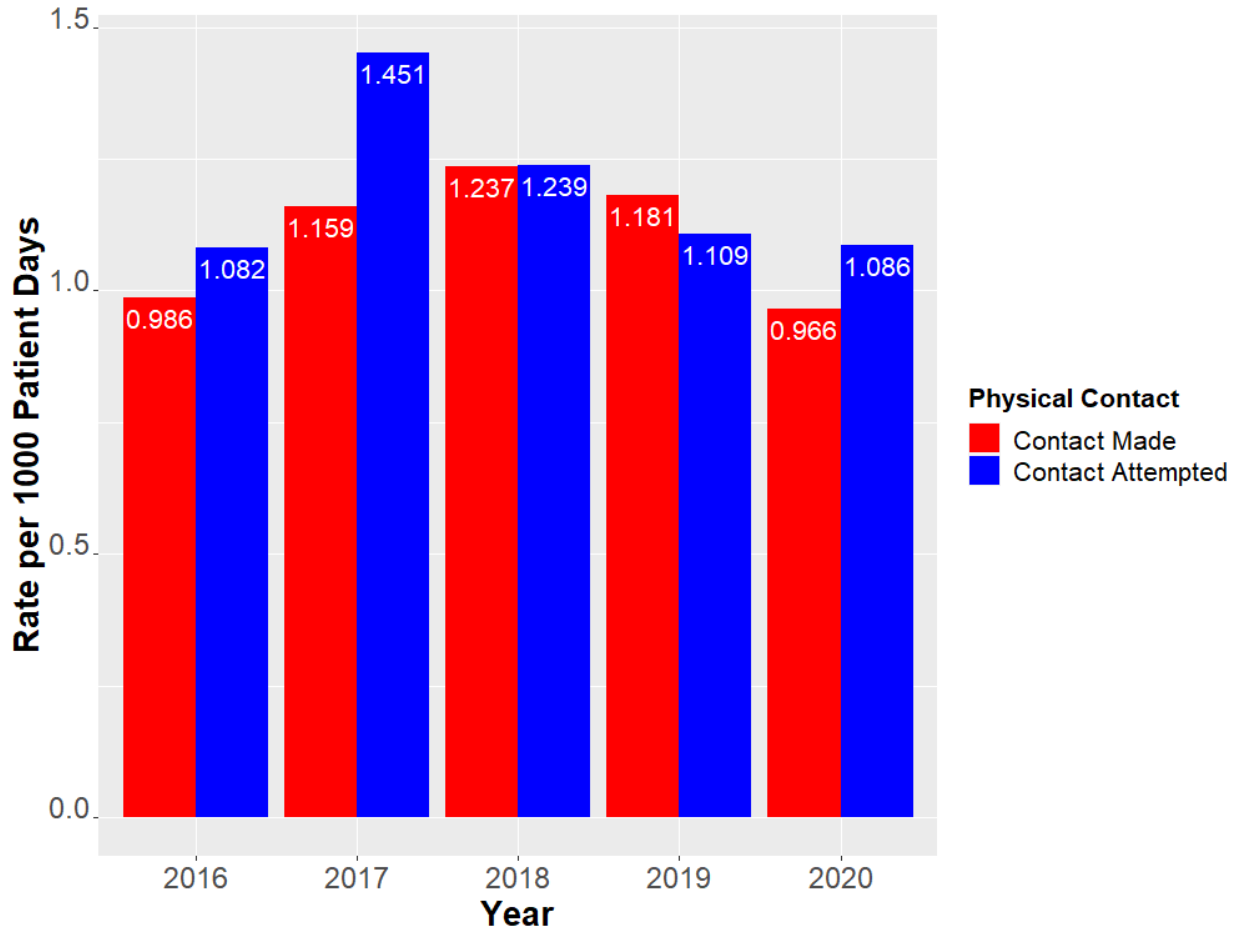
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1311	427063	3.07	NA
2011	1026	430457	2.384	-22.3
2012	1068	441062	2.421	1.6
2013	999	437112	2.285	-5.6
2014	939	433562	2.166	-5.2
2015	1055	439490	2.401	10.8
2016	1052	457470	2.3	-4.2
2017	1145	456309	2.509	9.1
2018	1314	464828	2.827	12.7
2019	1123	460671	2.438	-13.8
2020	874	423548	2.064	-15.3

**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	464828	2.515	-4.8
2019	1069	460671	2.321	-7.7
2020	894	423548	2.111	-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.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**

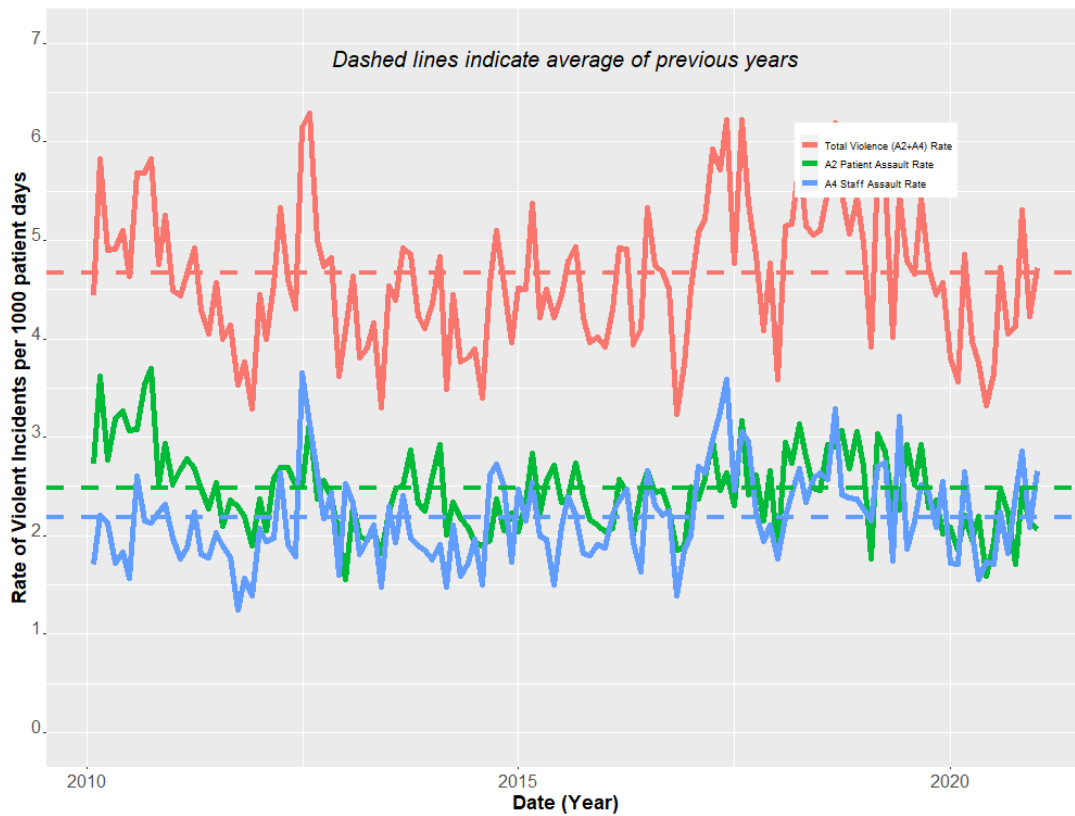
YEAR	PHYSICAL CONTACT	COUNT	TOTAL PATIENT DAYS	RATE	% CHANGE
2016	Contact Made	451	457470	0.986	NA
2016	Contact Attempted	495	457470	1.082	NA
2017	Contact Made	529	456309	1.159	17.6
2017	Contact Attempted	662	456309	1.451	34.1
2018	Contact Made	575	464828	1.237	6.7
2018	Contact Attempted	576	464828	1.239	-14.6
2019	Contact Made	544	460671	1.181	-4.5
2019	Contact Attempted	511	460671	1.109	-10.5
2020	Contact Made	409	423548	0.966	-18.2
2020	Contact Attempted	460	423548	1.086	-2.1

As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 18.2%, while the category of “Physical Contact Attempted” decreased by 2.1%.

## 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**

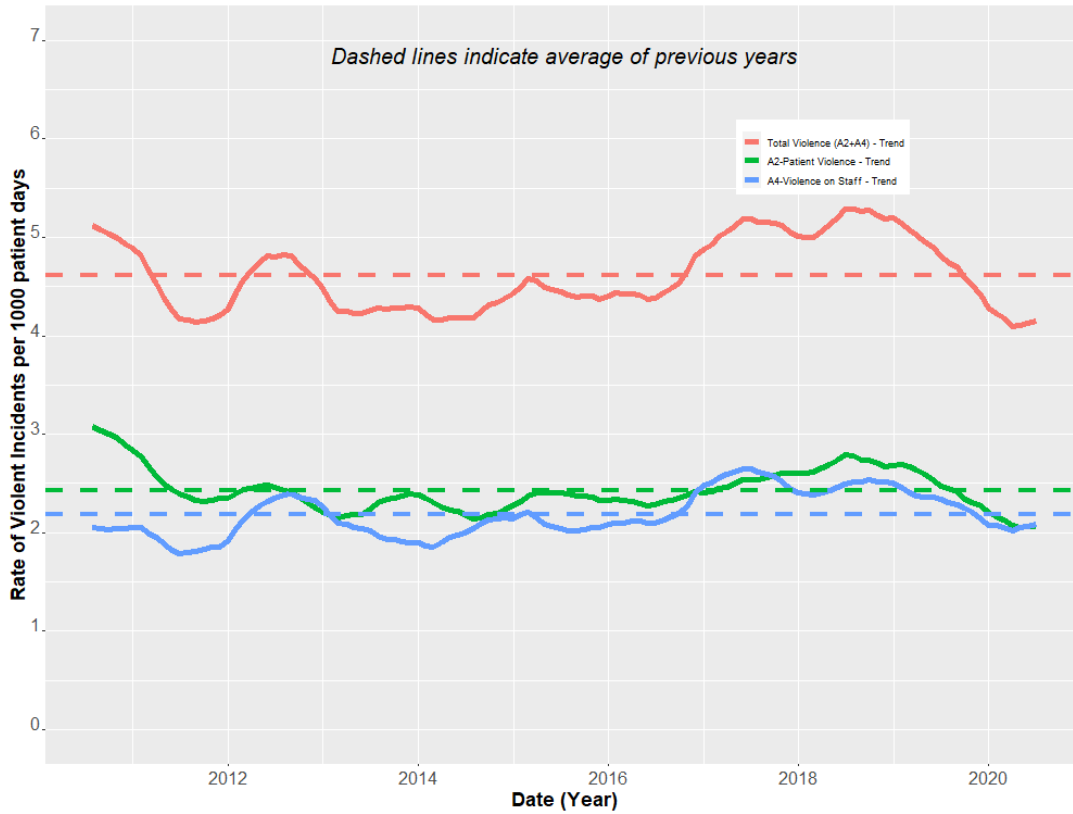


Figure D.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Napa. The dashed lines indicate the previous years (2010-2019) average rate for each category, for comparison with 2020. Again, 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	3.138	2.686	5.823
4/30/2018	2.807	2.339	5.146
5/31/2018	2.479	2.580	5.058
6/30/2018	2.456	2.639	5.096
7/31/2018	2.926	2.573	5.499
8/31/2018	2.907	3.286	6.193
9/30/2018	3.067	2.411	5.478
10/31/2018	2.686	2.382	5.068
11/30/2018	3.056	2.371	5.428
12/31/2018	2.707	2.269	4.976

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	1.766	2.150	3.916
2/28/2019	3.040	2.702	5.742
3/31/2019	2.852	2.750	5.601
4/30/2019	2.271	1.743	4.015
5/31/2019	2.257	3.207	5.464
6/30/2019	2.925	1.861	4.786
7/31/2019	2.521	2.135	4.657
8/31/2019	2.922	2.512	5.435
9/30/2019	2.283	2.443	4.726
10/31/2019	2.366	2.086	4.452
11/30/2019	2.021	2.546	4.568
12/31/2019	2.081	1.726	3.807
1/31/2020	1.859	1.706	3.566
2/29/2020	2.208	2.645	4.853
3/31/2020	1.949	2.026	3.975
4/30/2020	2.197	1.554	3.751
5/31/2020	1.594	1.729	3.323
6/30/2020	1.926	1.712	3.639
7/31/2020	2.480	2.244	4.724
8/31/2020	2.231	1.820	4.052
9/30/2020	1.713	2.417	4.130
10/31/2020	2.447	2.860	5.308
11/30/2020	2.143	2.083	4.227
12/31/2020	2.064	2.654	4.718

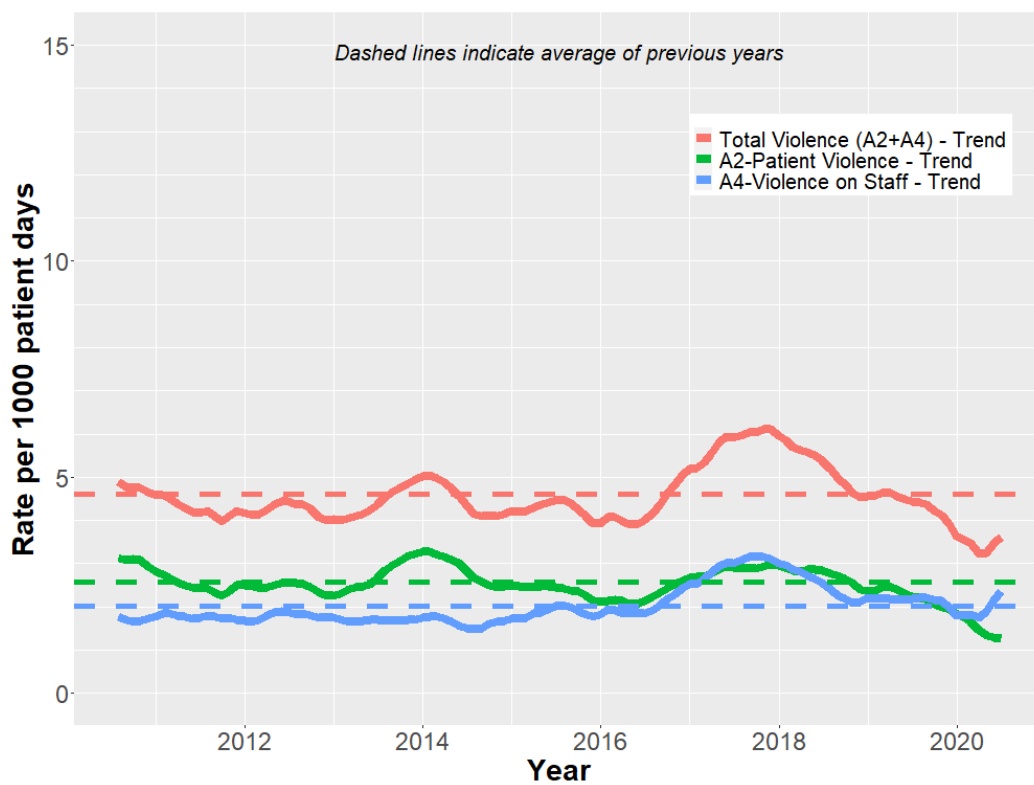
## Violence Rates by Major Legal Classes

### 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**

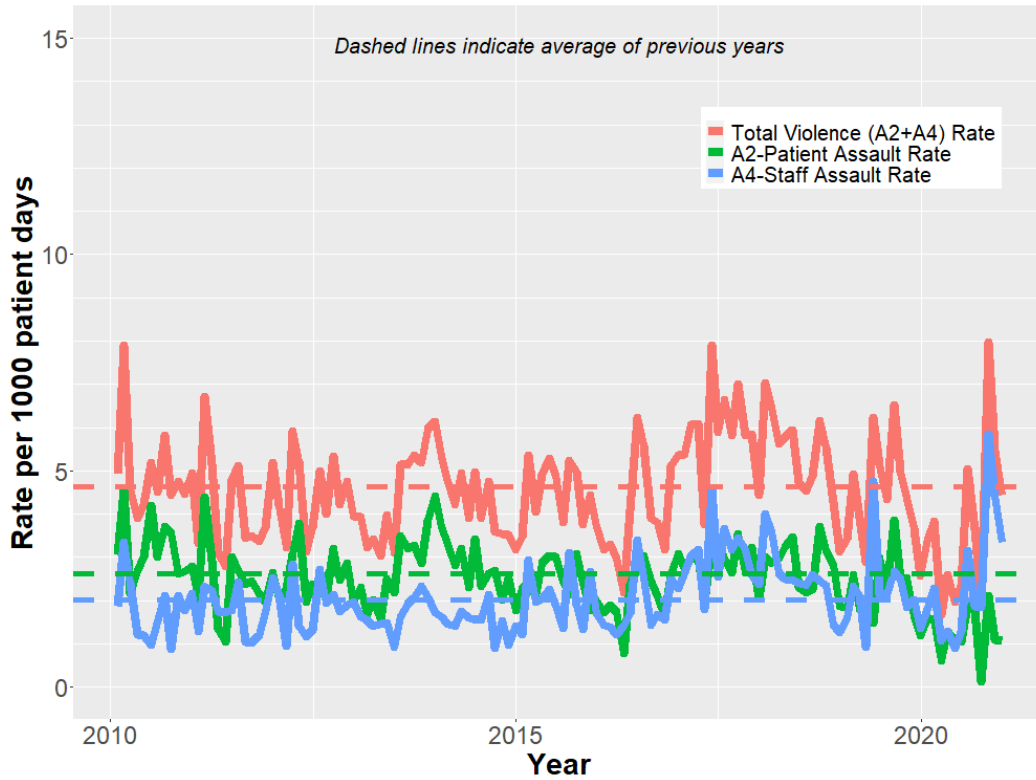




### Monthly Rates Data

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	3.049	1.876	4.926
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	3.009	1.204	4.212
6/30/2010	4.204	0.989	5.193
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	2.627	2.127	4.754
11/30/2010	2.672	1.781	4.453
12/31/2010	2.788	2.154	4.942
1/31/2011	2.053	1.283	3.335
2/28/2011	4.387	2.340	6.726
3/31/2011	2.908	2.247	5.155
4/30/2011	1.341	1.743	3.084
5/31/2011	1.061	1.725	2.786
6/30/2011	3.019	1.784	4.803
7/31/2011	2.697	2.428	5.125
8/31/2011	2.384	1.059	3.443
9/30/2011	2.455	1.034	3.489
10/31/2011	2.163	1.202	3.365
11/30/2011	1.963	1.718	3.681
12/31/2011	2.651	2.536	5.187
1/31/2012	2.038	2.151	4.189
2/29/2012	2.267	0.955	3.222
3/31/2012	3.073	2.845	5.919
4/30/2012	3.787	1.420	5.206
5/31/2012	1.972	1.160	3.132
6/30/2012	2.376	1.307	3.683
7/31/2012	2.277	2.733	5.010
8/31/2012	2.061	1.947	4.008
9/30/2012	3.200	2.133	5.334
10/31/2012	2.470	1.764	4.234

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2012	2.856	1.904	4.761
12/31/2012	1.983	1.983	3.965
1/31/2013	2.316	1.621	3.937
2/28/2013	1.680	1.551	3.231
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	3.505	1.643	5.147
8/31/2013	3.207	1.924	5.131
9/30/2013	3.282	2.079	5.360
10/31/2013	2.858	2.329	5.186
11/30/2013	3.871	2.102	5.973
12/31/2013	4.416	1.723	6.140
1/31/2014	3.704	1.634	5.338
2/28/2014	3.300	1.467	4.767
3/31/2014	2.819	1.410	4.229
4/30/2014	3.195	1.763	4.958
5/31/2014	2.300	1.600	3.901
6/30/2014	3.421	1.555	4.977
7/31/2014	2.344	1.562	3.906
8/31/2014	2.622	2.136	4.758
9/30/2014	2.700	0.900	3.600
10/31/2014	2.008	1.530	3.538
11/30/2014	2.541	0.977	3.519
12/31/2014	1.777	1.403	3.180
1/31/2015	2.257	1.223	3.480
2/28/2015	2.403	2.949	5.352
3/31/2015	2.080	1.981	4.061
4/30/2015	2.877	2.055	4.932
5/31/2015	3.037	2.254	5.291
6/30/2015	3.005	1.903	4.907
7/31/2015	2.444	1.368	3.812
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	1.778	2.666	4.444

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2015	1.998	1.713	3.711
1/31/2016	1.729	1.441	3.171
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	3.388	6.242
7/31/2016	3.042	2.535	5.578
8/31/2016	2.458	1.441	3.898
9/30/2016	2.128	1.685	3.813
10/31/2016	1.639	1.553	3.192
11/30/2016	2.605	2.515	5.120
12/31/2016	3.074	2.284	5.357
1/31/2017	2.740	2.651	5.391
2/28/2017	3.030	3.030	6.061
3/31/2017	2.916	3.174	6.090
4/30/2017	1.974	1.794	3.768
5/31/2017	3.333	4.561	7.894
6/30/2017	3.360	2.543	5.903
7/31/2017	2.970	3.669	6.640
8/31/2017	2.648	3.178	5.826
9/30/2017	3.546	3.455	7.001
10/31/2017	2.644	3.173	5.817
11/30/2017	3.233	2.604	5.837
12/31/2017	2.045	2.386	4.431
1/31/2018	3.011	4.014	7.025
2/28/2018	2.874	3.592	6.466
3/31/2018	2.972	2.650	5.622
4/30/2018	3.262	2.509	5.771
5/31/2018	3.470	2.479	5.949
6/30/2018	2.319	2.405	4.725
7/31/2018	2.186	2.348	4.533
8/31/2018	2.273	2.597	4.870
9/30/2018	3.716	2.449	6.165
10/31/2018	3.169	2.356	5.525
11/30/2018	2.812	1.449	4.261
12/31/2018	1.865	1.272	3.136

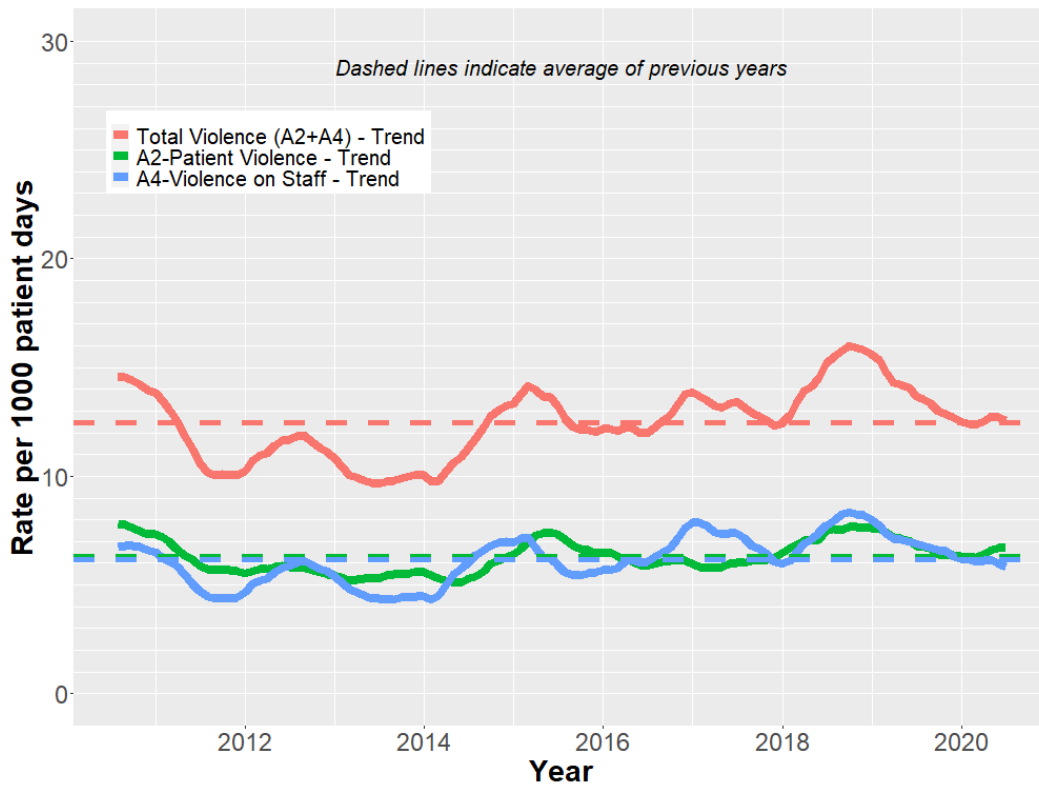
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	1.836	1.586	3.422
2/28/2019	2.593	2.325	4.919
3/31/2019	1.792	2.117	3.909
4/30/2019	1.963	0.939	2.902
5/31/2019	1.479	4.765	6.244
6/30/2019	2.997	2.141	5.138
7/31/2019	2.210	2.129	4.339
8/31/2019	3.871	2.661	6.532
9/30/2019	2.492	2.492	4.985
10/31/2019	2.534	1.843	4.377
11/30/2019	1.638	2.027	3.665
12/31/2019	1.207	1.358	2.565
1/31/2020	1.599	1.828	3.427
2/29/2020	1.548	2.282	3.830
3/31/2020	0.613	1.072	1.685
4/30/2020	1.303	1.303	2.607
5/31/2020	1.073	0.894	1.967
6/30/2020	1.044	1.305	2.348
7/31/2020	1.888	3.147	5.035
8/31/2020	1.753	1.878	3.631
9/30/2020	0.132	1.854	1.987
10/31/2020	2.117	5.852	7.969
11/30/2020	1.106	4.424	5.530
12/31/2020	1.079	3.356	4.434

## 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.

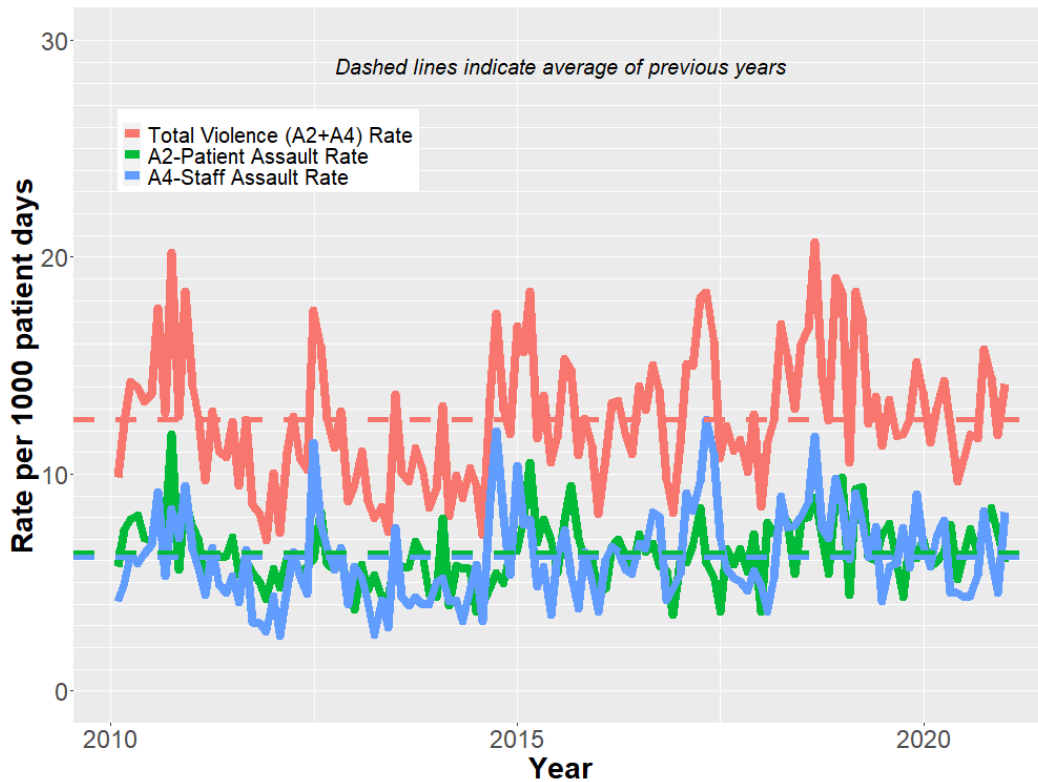
**Figure D.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Napa**



## 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	5.716	4.157	9.874
2/28/2010	7.412	4.941	12.353
3/31/2010	7.913	6.330	14.243
4/30/2010	8.094	5.887	13.981
5/31/2010	7.018	6.333	13.352
6/30/2010	6.936	6.763	13.699
7/31/2010	8.493	9.159	17.652
8/31/2010	7.480	5.319	12.799
9/30/2010	11.827	8.399	20.226
10/31/2010	5.599	7.039	12.638
11/30/2010	8.951	9.448	18.399
12/31/2010	7.593	6.485	14.078
1/31/2011	6.929	5.573	12.502
2/28/2011	5.255	4.433	9.688
3/31/2011	6.294	6.594	12.888
4/30/2011	6.149	4.888	11.038
5/31/2011	6.213	4.546	10.759
6/30/2011	7.093	5.320	12.413
7/31/2011	5.358	4.097	9.455
8/31/2011	6.035	6.500	12.535
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	5.656	4.399	10.055
1/31/2012	4.762	2.540	7.302
2/29/2012	6.241	4.763	11.003
3/31/2012	6.257	6.405	12.662
4/30/2012	5.437	5.286	10.723
5/31/2012	5.745	4.452	10.197
6/30/2012	6.091	11.440	17.531
7/31/2012	8.229	7.662	15.891
8/31/2012	5.893	6.612	12.505
9/30/2012	5.594	5.594	11.188



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2012	6.300	6.586	12.887
11/30/2012	4.738	3.998	8.736
12/31/2012	3.733	5.743	9.476
1/31/2013	5.810	5.229	11.038
2/28/2013	4.683	4.037	8.721
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	5.691	4.343	10.034
8/31/2013	5.745	3.931	9.676
9/30/2013	6.875	4.317	11.191
10/31/2013	6.194	3.971	10.165
11/30/2013	4.483	3.985	8.468
12/31/2013	4.342	4.985	9.326
1/31/2014	7.958	5.197	13.156
2/28/2014	3.937	4.116	8.053
3/31/2014	5.765	4.163	9.928
4/30/2014	5.652	3.229	8.881
5/31/2014	5.622	4.685	10.308
6/30/2014	3.636	5.849	9.485
7/31/2014	3.974	3.210	7.183
8/31/2014	4.752	8.737	13.489
9/30/2014	5.429	11.975	17.404
10/31/2014	4.940	8.027	12.967
11/30/2014	6.482	5.348	11.830
12/31/2014	6.444	10.372	16.816
1/31/2015	7.960	7.648	15.608
2/28/2015	10.508	7.924	18.432
3/31/2015	6.835	4.816	11.651
4/30/2015	7.933	5.712	13.644
5/31/2015	7.015	3.508	10.523
6/30/2015	5.448	6.227	11.675
7/31/2015	7.879	7.433	15.311
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2015	6.188	5.105	11.293
12/31/2015	4.536	3.629	8.164
1/31/2016	4.696	6.060	10.756
2/29/2016	6.646	6.646	13.291
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	6.801	14.045
7/31/2016	6.401	6.543	12.945
8/31/2016	6.789	8.233	15.022
9/30/2016	5.792	8.078	13.870
10/31/2016	5.540	4.192	9.732
11/30/2016	3.491	4.705	8.195
12/31/2016	5.992	5.407	11.399
1/31/2017	5.941	9.129	15.070
2/28/2017	6.702	8.297	14.999
3/31/2017	8.468	9.636	18.105
4/30/2017	5.881	12.515	18.396
5/31/2017	5.230	10.895	16.124
6/30/2017	3.630	7.109	10.740
7/31/2017	6.547	5.654	12.201
8/31/2017	5.820	5.223	11.043
9/30/2017	6.559	5.034	11.592
10/31/2017	5.487	4.597	10.085
11/30/2017	7.225	5.534	12.759
12/31/2017	3.666	4.839	8.506
1/31/2018	7.784	3.672	11.455
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	5.376	7.615	12.991
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

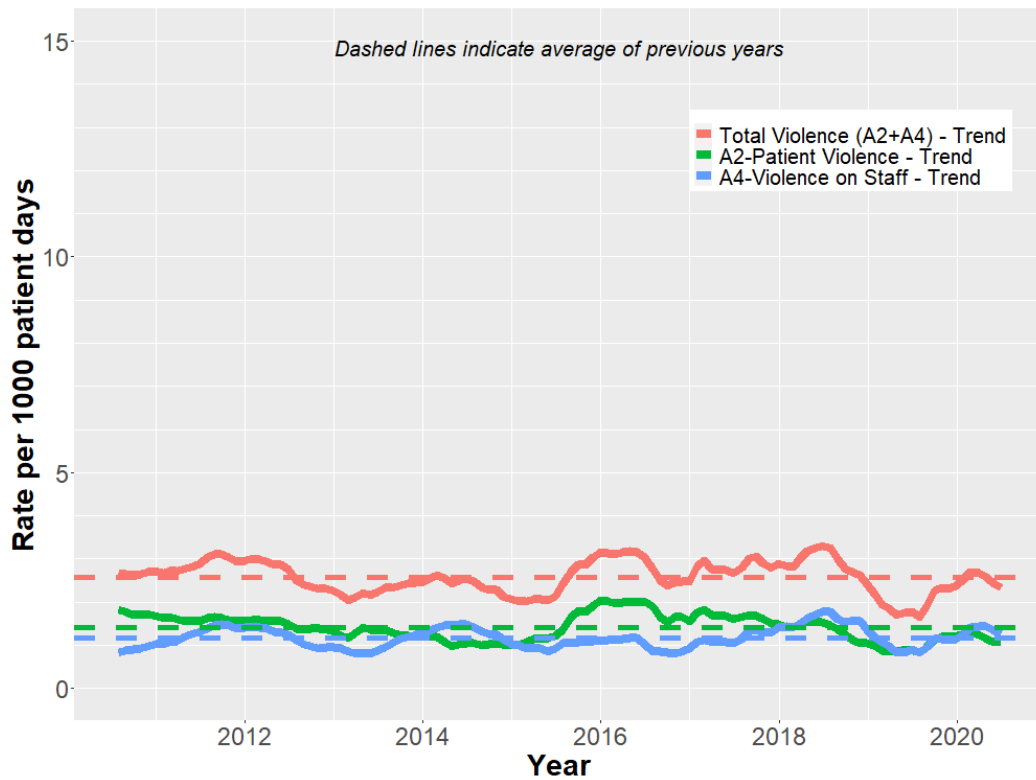
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2018	9.864	8.519	18.383
1/31/2019	4.445	6.075	10.520
2/28/2019	9.302	9.136	18.439
3/31/2019	9.393	7.878	17.270
4/30/2019	6.169	6.169	12.338
5/31/2019	6.027	7.572	13.599
6/30/2019	7.177	4.147	11.324
7/31/2019	7.729	5.720	13.449
8/31/2019	5.866	5.866	11.732
9/30/2019	4.325	7.528	11.853
10/31/2019	6.786	5.681	12.466
11/30/2019	6.113	9.086	15.199
12/31/2019	7.058	6.737	13.795
1/31/2020	5.714	5.714	11.429
2/29/2020	5.940	7.128	13.069
3/31/2020	6.423	7.868	14.290
4/30/2020	7.692	4.515	12.207
5/31/2020	5.161	4.516	9.677
6/30/2020	6.353	4.347	10.701
7/31/2020	7.453	4.375	11.828
8/31/2020	6.303	5.333	11.635
9/30/2020	7.475	8.306	15.781
10/31/2020	8.436	6.003	14.439
11/30/2020	7.239	4.545	11.785
12/31/2020	5.932	8.239	14.170

## 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.

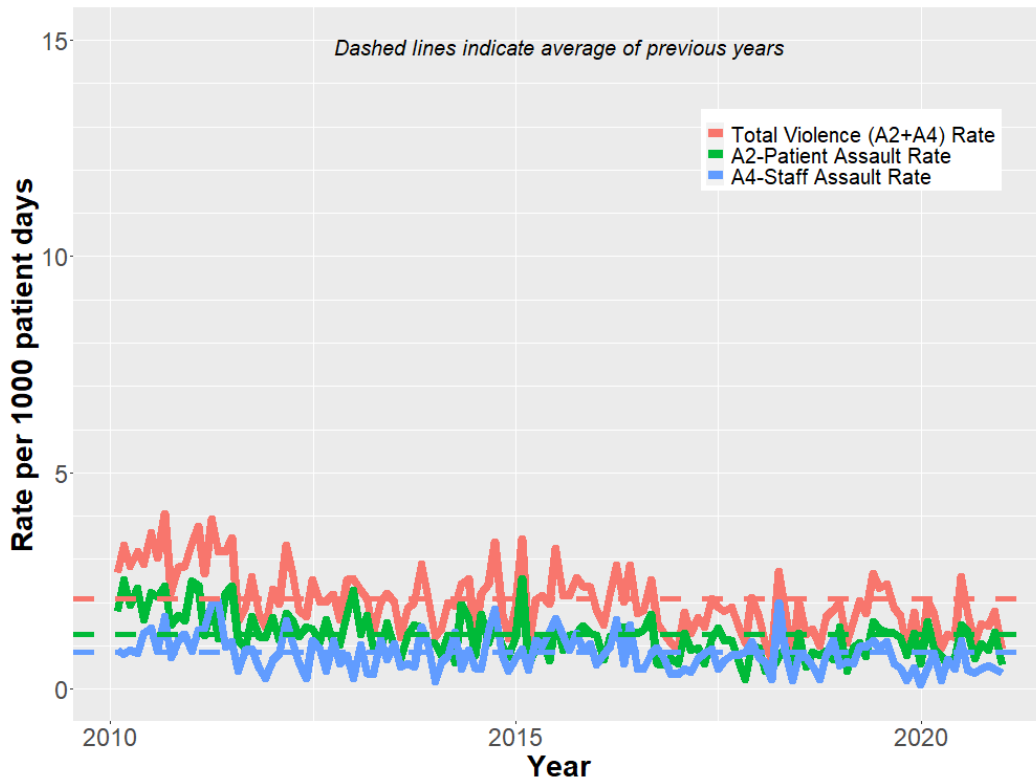
**Figure D.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Napa**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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



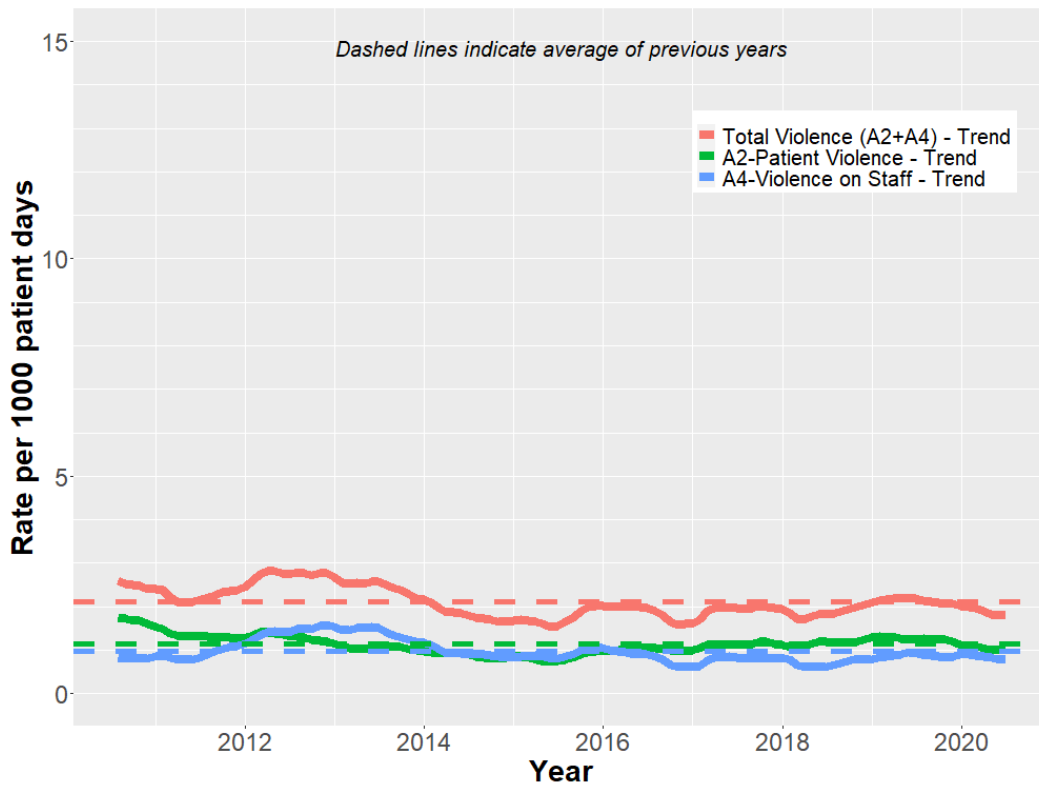
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	0.496	0.993	1.489
2/28/2019	0.554	0.000	0.554
3/31/2019	0.000	0.980	0.980
4/30/2019	0.000	0.507	0.507
5/31/2019	1.024	1.024	2.048
6/30/2019	1.053	1.053	2.105
7/31/2019	1.041	0.520	1.561
8/31/2019	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
1/31/2020	1.119	0.560	1.679
2/29/2020	3.075	3.690	6.765
3/31/2020	1.152	1.728	2.880
4/30/2020	0.603	0.000	0.603
5/31/2020	0.585	0.585	1.170
6/30/2020	2.381	2.381	4.762
7/31/2020	0.555	2.221	2.776
8/31/2020	1.466	1.466	2.933
9/30/2020	0.000	0.503	0.503
10/31/2020	0.963	0.481	1.444
11/30/2020	0.498	0.498	0.995
12/31/2020	0.968	1.451	2.419

## 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.

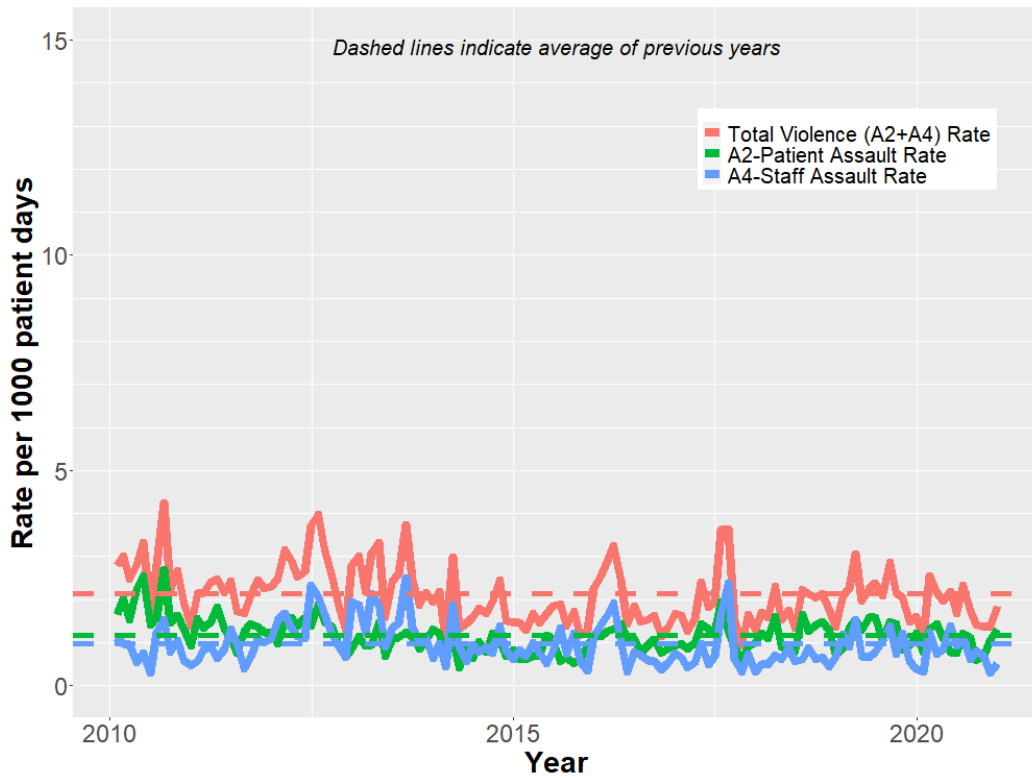
**Figure D.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Napa**



### 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	1.533	0.943	2.476
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	1.590	1.237	2.826
8/31/2010	2.708	1.531	4.239
9/30/2010	1.454	0.787	2.241
10/31/2010	1.631	1.048	2.679
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	1.244	1.007	2.251
12/31/2011	1.213	1.098	2.311
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	1.121	1.357	2.478
10/31/2013	0.854	1.025	1.879
11/30/2013	1.058	1.117	2.174
12/31/2013	1.322	0.632	1.954
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	1.061	1.396	2.457
11/30/2014	0.693	0.808	1.501
12/31/2014	0.839	0.615	1.455
1/31/2015	0.617	0.841	1.458
2/28/2015	0.621	0.683	1.303
3/31/2015	0.676	1.014	1.689
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2015	1.136	1.136	2.273
1/31/2016	1.136	1.421	2.557
2/29/2016	1.261	1.622	2.883
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
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	0.972	2.402
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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	1.490	1.379	2.869
9/30/2019	1.428	0.743	2.171
10/31/2019	0.832	1.220	2.052
11/30/2019	0.922	0.576	1.498
12/31/2019	1.220	0.388	1.609
1/31/2020	0.779	0.334	1.112
2/29/2020	1.307	1.247	2.554
3/31/2020	1.450	0.725	2.175
4/30/2020	1.095	0.865	1.960
5/31/2020	0.784	1.400	2.184
6/30/2020	0.750	0.924	1.674
7/31/2020	1.228	1.116	2.343
8/31/2020	1.123	0.618	1.741
9/30/2020	0.585	0.819	1.403
10/31/2020	0.681	0.681	1.363
11/30/2020	1.059	0.294	1.354
12/31/2020	1.324	0.518	1.842

## 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 2010-2020, 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	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2010	23.71	3	497.68	105.17	393.74	14.68	539.97	1	1578.95
2/28/2010	21.36	3.07	502.75	103.86	396.89	13.36	541.4	1	1583.69
3/31/2010	22.1	2.71	493.2	105.65	396.97	13	545.35	1	1579.98
4/30/2010	26.9	3	499.57	105.17	399.23	13	545.63	1	1593.5
5/31/2010	28.03	3	490.91	103.23	402.03	13	546.55	1	1587.75
6/30/2010	26	2.07	487.1	103.37	404.3	13	547.93	1	1584.77
7/31/2010	27.65	3.13	475.98	103.1	405	13	550.9	1	1579.76
8/31/2010	27.94	3.03	474.94	101.1	405.97	13	552.71	1	1579.69
9/30/2010	26.83	3	470.93	98.44	402	13	553.53	1	1568.73
10/31/2010	22.45	3.48	461	101.61	400.03	13	557.38	1	1559.95
11/30/2010	20.1	2.73	455.74	102.17	397.27	14.03	560.53	1	1553.57
12/31/2010	20.97	2	450.22	100.68	400.32	15	563.06	1	1553.25
1/31/2011	17.84	2	455.61	98.16	402.07	15	568.03	1	1559.71
2/28/2011	15.32	2	451.37	98.36	401.6	15	562.32	1	1546.97
3/31/2011	13.74	2	432.58	98.26	402.26	15	562.13	1	1526.97
4/30/2011	16.83	2.87	432.96	95.73	397.53	15	560.54	1	1522.46
5/31/2011	15.81	2.03	459.77	93.42	395.36	14.1	557.87	1	1539.36
6/30/2011	13.5	2.2	458.87	96.06	392.07	14	559.2	1	1536.9
7/31/2011	16.71	3.87	467.51	97.74	391.45	14	560.23	1	1552.51
8/31/2011	17.68	3	460.77	97.23	394.78	14.45	560.75	1	1549.66
9/30/2011	22.2	3.13	459.96	100.1	396.17	14.67	559.93	1	1557.16
10/31/2011	23.06	3.61	456.87	101.26	394.58	14	562.9	1	1557.28
11/30/2011	20.2	3	452	103.4	392.4	14	569.56	1	1555.56
12/31/2011	21.48	3	451.65	104.81	391.9	14	565.87	1	1553.71
1/31/2012	17.61	3	451.81	105.06	393.55	14	566.04	1	1552.07
2/29/2012	15.83	3.76	464.83	105.51	392.82	14	562.38	1	1560.13
3/31/2012	11.84	3.23	467.2	107.27	387.22	14	560.84	1	1552.6
4/30/2012	9.8	2.67	478.13	109.53	384.97	14	556.4	1	1556.5
5/31/2012	8.65	3	480.29	110.49	383.55	14	557.29	1	1558.27
6/30/2012	11.6	2.8	479.37	111.33	382.01	14	559.86	1	1561.97
7/31/2012	11.42	2	481.04	113.87	382.17	14	558.87	1	1564.37
8/31/2012	8.39	2	485.42	114.83	382.77	13.29	557.93	1	1565.63
9/30/2012	7.2	1.87	486.17	114.67	382.6	13	562.57	1	1569.08
10/31/2012	6.55	1	488.77	113.1	379.78	13	565.77	1	1568.97

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
11/30/2012	6	1	479.47	114.77	381.03	13	565.9	1	1562.17
12/31/2012	5.16	1.94	476.35	115.71	380.39	13	566.75	1.06	1560.36
1/31/2013	3.55	2.94	485.1	117.39	379.42	13	567.71	1	1570.11
2/28/2013	3	3	482.32	115.71	376.9	13	570.28	1	1565.21
3/31/2013	3	3	479.17	113.36	377.23	13	570.81	1	1560.57
4/30/2013	3.1	3	483.11	111.31	379.8	13	573.83	1	1568.15
5/31/2013	2.42	3	482.32	112.77	379.88	13	569.42	1	1563.81
6/30/2013	2	3.43	488.47	111.7	378.17	13	566.23	1	1564
7/31/2013	2	3.71	494	109.83	376.62	13	563.8	1	1563.96
8/31/2013	2.06	3	489.68	109.26	378.39	13	567.42	1	1563.81
9/30/2013	2.17	3	477.89	109.13	382.1	12.7	569.6	1	1557.59
10/31/2013	2.03	3	474.9	108	378.77	12	576.91	1	1556.61
11/30/2013	2	3	479.67	106.54	372.06	12	574.96	1	1551.23
12/31/2013	2	3	482.12	104.16	371.35	12	572.38	1	1548.01
1/31/2014	2.06	3	481.97	103.2	373.2	12	573.23	1	1549.66
2/28/2014	2	3	484.53	102.36	375.36	12	573.57	1	1553.82
3/31/2014	2	3.68	493.59	105.23	368.71	12	575.29	1	1561.5
4/30/2014	2	3.73	505.23	106.07	357.26	12	578.34	1	1565.63
5/31/2014	2.06	3.13	505.88	105.48	355.55	12	579.42	1	1564.52
6/30/2014	2	3	515.93	102.03	342.37	12	576.1	1	1554.43
7/31/2014	2.06	3.94	525.53	102.23	335.36	12	574.2	1	1556.32
8/31/2014	2	4	522.39	104.68	330.68	12	573.26	1	1550.01
9/30/2014	2.1	3.47	527.63	106.34	324.6	12	574.1	1	1551.24
10/31/2014	2	1.87	523.91	108.68	325.64	12	578.38	1	1553.48
11/30/2014	2.1	1	525.61	111.27	314.43	12	577.3	1	1544.71
12/31/2014	2	1.71	524.67	111.19	314.2	12	577.16	1	1543.93
1/31/2015	2.13	1.45	520.3	111.62	316.39	12	580.87	1	1545.76
2/28/2015	2.04	1	517.86	113.96	314.29	11.64	582.78	1	1544.57
3/31/2015	2	1	516.45	118.64	311.91	11	584.29	1	1546.29
4/30/2015	2.2	1	526.23	118.76	307.47	10.33	581.47	1	1548.46
5/31/2015	2.1	1.84	544.45	117.81	296.29	7.1	581.16	1	1551.75
6/30/2015	2.1	1.03	551.46	118.1	286.9	7	584.64	1	1552.23
7/31/2015	2.03	1	560.97	117.13	283.55	7	582.22	1	1554.9
8/31/2015	2.03	1.9	563.84	113.67	283.1	7	579.19	1	1551.73
9/30/2015	2.17	1.23	566.29	113.53	284.57	7	578.9	1	1554.69
10/31/2015	2.1	1	568.78	114.65	285.54	7	571.61	1	1551.68
11/30/2015	2.1	1	572.17	116.77	282.6	7	572.9	1	1555.54

DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
12/31/2015	2	1	575.58	118.42	282.68	7	575.13	1	1562.81
1/31/2016	2.06	1	576.38	120.48	283.17	6.84	576	1	1566.93
2/29/2016	2	1	573	123.38	281.52	6	574.79	1	1562.69
3/31/2016	1.42	1.26	586.46	119.19	280.65	6	573.42	1	1569.4
4/30/2016	0	2	588.26	120.13	280.5	6	571.23	1	1569.12
5/31/2016	0	2	588.52	117.22	282.38	6	570.55	1	1567.67
6/30/2016	0.03	1.27	588.13	114.66	283.83	6	573	1	1567.92
7/31/2016	0	2	585.74	113.75	281.75	6	572.49	1	1562.73
8/31/2016	0.1	2	586.68	113.86	280.55	6	572.13	1	1562.32
9/30/2016	0.07	2	582.84	114.1	282.17	6	571.47	1	1559.65
10/31/2016	0	2	591.97	110.49	280.09	6	566.38	1	1557.93
11/30/2016	0	2.03	593.86	105.9	278.16	6	565.44	1	1552.39
12/31/2016	0.03	3	597.93	108.12	276.06	6	559	1	1551.14
1/31/2017	0	2.13	607.51	107.1	273.09	6	554.97	1	1551.8
2/28/2017	0.04	2	608.47	105.89	274.64	6	556.4	1	1554.44
3/31/2017	0.1	2	601.62	109.09	273.67	6	556.93	1	1550.41
4/30/2017	0	3.13	590.46	115.33	276.87	6	553.44	1	1546.23
5/31/2017	0.06	3	583.1	118.71	277.93	6	551.2	1	1541
6/30/2017	0.37	2.87	582.27	121.9	280.83	6	551.87	1	1547.11
7/31/2017	1.1	2	567.06	121.81	287.81	6	556.13	1	1542.91
8/31/2017	10.26	2	562.77	121.52	290.25	6	555.29	1	1549.09
9/30/2017	10.47	2	559.9	126.49	293.23	6	559.07	1	1558.16
10/31/2017	11.35	2	542.76	129.48	298.84	6	561.81	1	1553.24
11/30/2017	10.3	2	524.71	132.27	300.5	6	559.69	1	1536.47
12/31/2017	7.58	2	525.54	130	305.29	6	561.07	1	1538.48
1/31/2018	7.19	2	518.72	134.16	309.1	6	562.42	1	1540.59
2/28/2018	12.36	2	501.6	138.14	313.25	6	560.82	1	1535.17
3/31/2018	15.45	2	492.35	139.68	307.94	6	564.7	1	1529.12
4/30/2018	19.97	2.13	483.82	141.23	307.17	6	565.11	1	1526.43
5/31/2018	20.32	3	482.43	138.39	306.42	5.03	565.29	1	1521.88
6/30/2018	23.07	2.93	478.76	139.91	309.06	5	569.84	1	1529.57
7/31/2018	24.9	2	474.54	147.51	305.03	5	570.61	1	1530.59
8/31/2018	23.61	2	481.78	152.13	303.88	5	569.23	1	1538.63
9/30/2018	19.4	2	480.4	158.1	298.71	5	570.63	1	1535.24
10/31/2018	11.55	1.52	467.78	163.93	292.16	5	567.67	1	1510.61
11/30/2018	10	1	477.6	169.34	290.56	4.8	566.5	1	1520.8
12/31/2018	10.23	1	481.36	171.58	291.88	3	569.61	1	1529.66

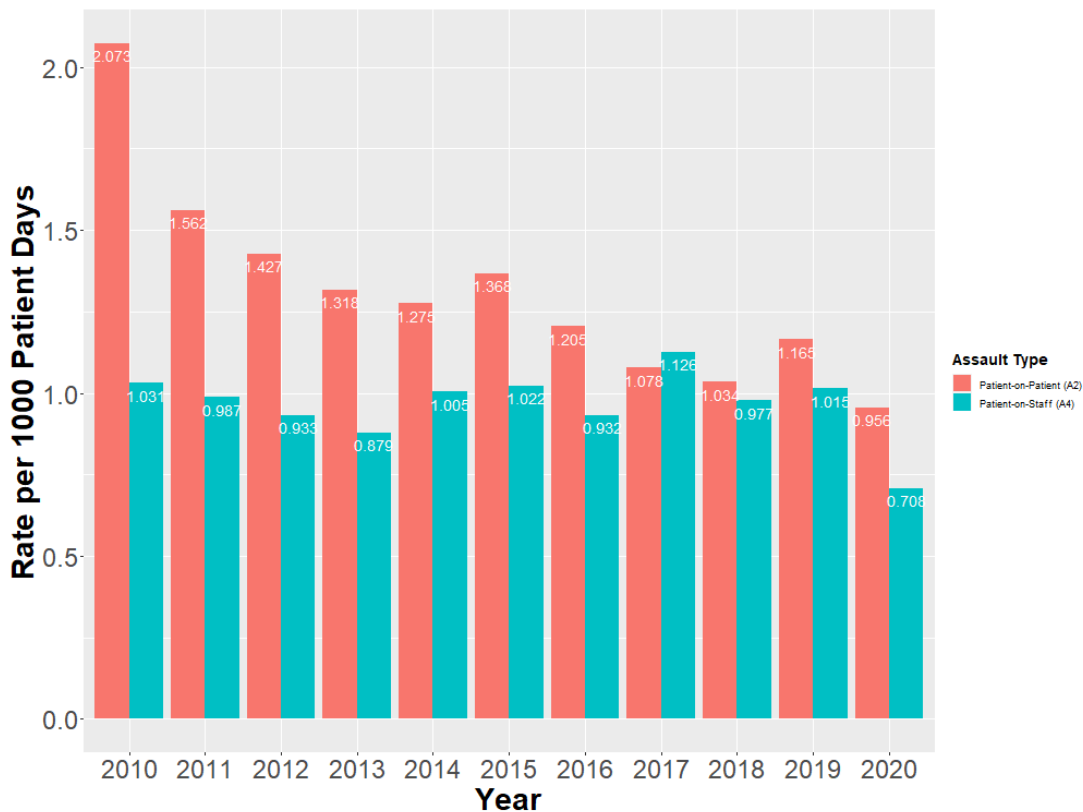
DATE	CDCR	DJJ	IST	LPS	OMD	MDSO	NGRI	SVP	TOTAL POPULATION
1/31/2019	7.84	1	481.04	177.68	298.93	3	563.71	1	1534.2
2/28/2019	6.25	1	480.11	179.82	298.89	3	558.96	1	1529.03
3/31/2019	4.97	1	477.62	185.58	299.12	3	558.39	1	1530.68
4/30/2019	4.73	1	470.64	191.96	305.13	3	558.6	1	1536.06
5/31/2019	6.52	1	462.18	194.42	312.68	2.26	559.55	1	1539.61
6/30/2019	8.67	1	456.03	192.14	314.53	2	557.57	1	1532.94
7/31/2019	9.06	1	455.16	193.67	319.42	2	556.39	1	1537.7
8/31/2019	10.42	1	447.13	199.8	326.58	2	552.2	1	1540.13
9/30/2019	13.03	1	437.66	203.33	333.11	2	548.47	1	1539.6
10/31/2019	16.9	1	435.63	206.81	334	2	549.51	1	1546.85
11/30/2019	17.67	1	432	210.13	336.1	2	545.93	1	1545.83
12/31/2019	17.61	1	430.93	214.78	333.13	2	543.61	1	1544.06
1/31/2020	13.29	1	448.55	205.81	333.39	2	542.55	1	1547.59
2/29/2020	12.1	1.24	444.51	200.89	333.56	2.38	543.59	1	1539.27
3/31/2020	15.74	0.9	437.52	203.16	335.97	3	543.26	1	1540.55
4/30/2020	13.23	1	435	204	339.17	3	542.5	1	1538.9
5/31/2020	12.45	0.81	407.96	207.06	350.19	3	542	1	1524.47
6/30/2020	10.8	0	337.84	211.5	358.13	3	541.67	1	1463.94
7/31/2020	9.61	0	287.67	212.42	362.03	3	537.33	1	1413.06
8/31/2020	8	0	247.06	214.35	357.67	3	535.1	1	1366.18
9/30/2020	8	0	206.34	219.94	351.49	3	533.16	1	1322.93
10/31/2020	9.87	0.06	183.74	224.83	353.43	2.68	527.78	1	1303.39
11/30/2020	11.43	1	191.2	225	353.06	2	529.1	1	1313.79
12/31/2020	10.77	1	189.68	227.84	347.03	2	528.32	1	1307.64

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



- ▶ While percentages vary across different legal classes, overall, in 2020 the number of patient-on-patient assaults at DSH-Patton decreased 23.4% from the 2019 total (see Table IV.E.1), while the number of patient-on-staff assaults decreased by 34.1% from 2019 (see Table IV.E.2).
- ▶ Coupled with a population decrease (measured in “total patient days”) in 2020 of 6.7%, the rate of patient-on-patient assaults at DSH-Patton decreased 17.9% from 2019 (see Table IV.E.1), while the rate of patient-on-staff assault decreased 30.2% from 2019 (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**

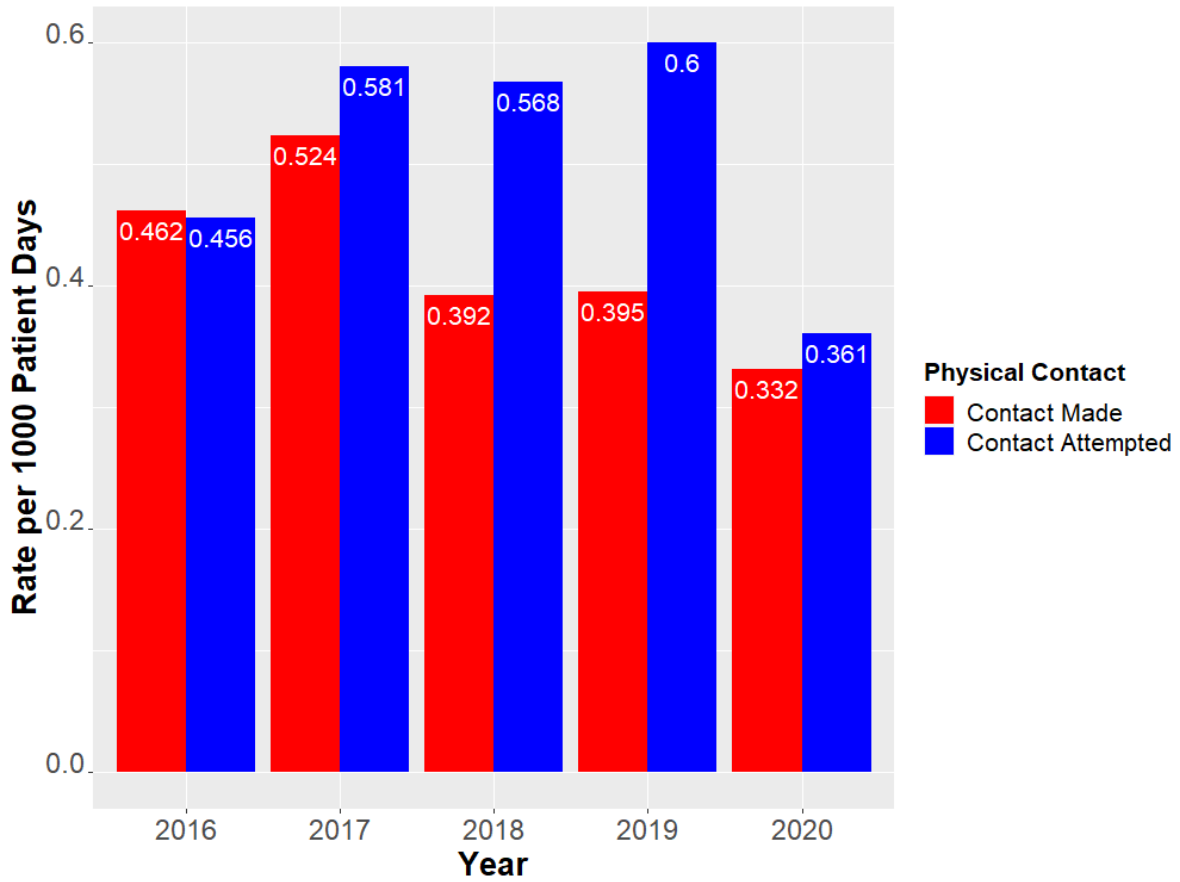
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1192	574958	2.073	NA
2011	882	564493	1.562	-24.7
2012	815	571324	1.427	-8.6
2013	751	569788	1.318	-7.6
2014	723	567247	1.275	-3.3
2015	775	566388	1.368	7.3
2016	689	571873	1.205	-11.9
2017	609	564799	1.078	-10.5
2018	577	558078	1.034	-4.1
2019	654	561417	1.165	12.7
2020	501	523916	0.956	-17.9

**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	561417	1.015	3.9
2020	371	523916	0.708	-30.2

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	571873	0.462	NA
2016	Contact Attempted	261	571873	0.456	NA
2017	Contact Made	296	564799	0.524	13.5
2017	Contact Attempted	328	564799	0.581	27.2
2018	Contact Made	219	558078	0.392	-25.1
2018	Contact Attempted	317	558078	0.568	-2.2
2019	Contact Made	222	561417	0.395	0.8
2019	Contact Attempted	337	561417	0.6	5.7
2020	Contact Made	174	523916	0.332	-16.0
2020	Contact Attempted	189	523916	0.361	-39.9

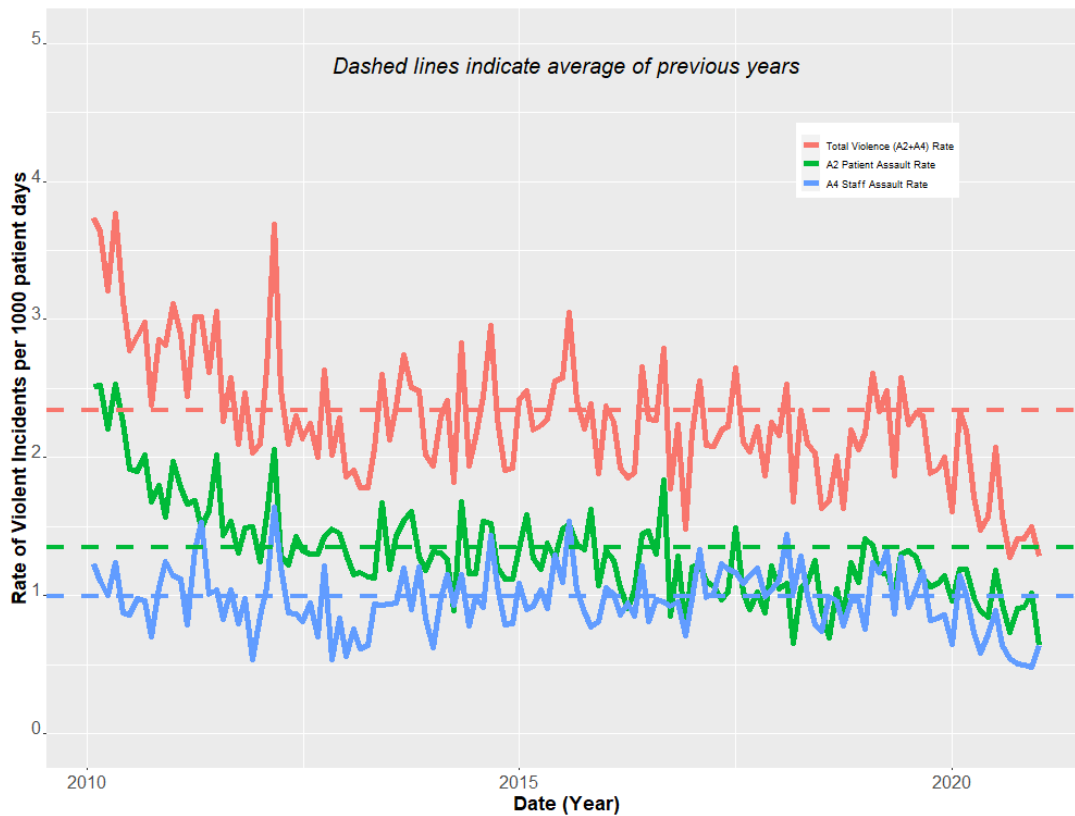
As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 16.0%, while the category of “Physical Contact Attempted” decreased by 39.9%



## 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**

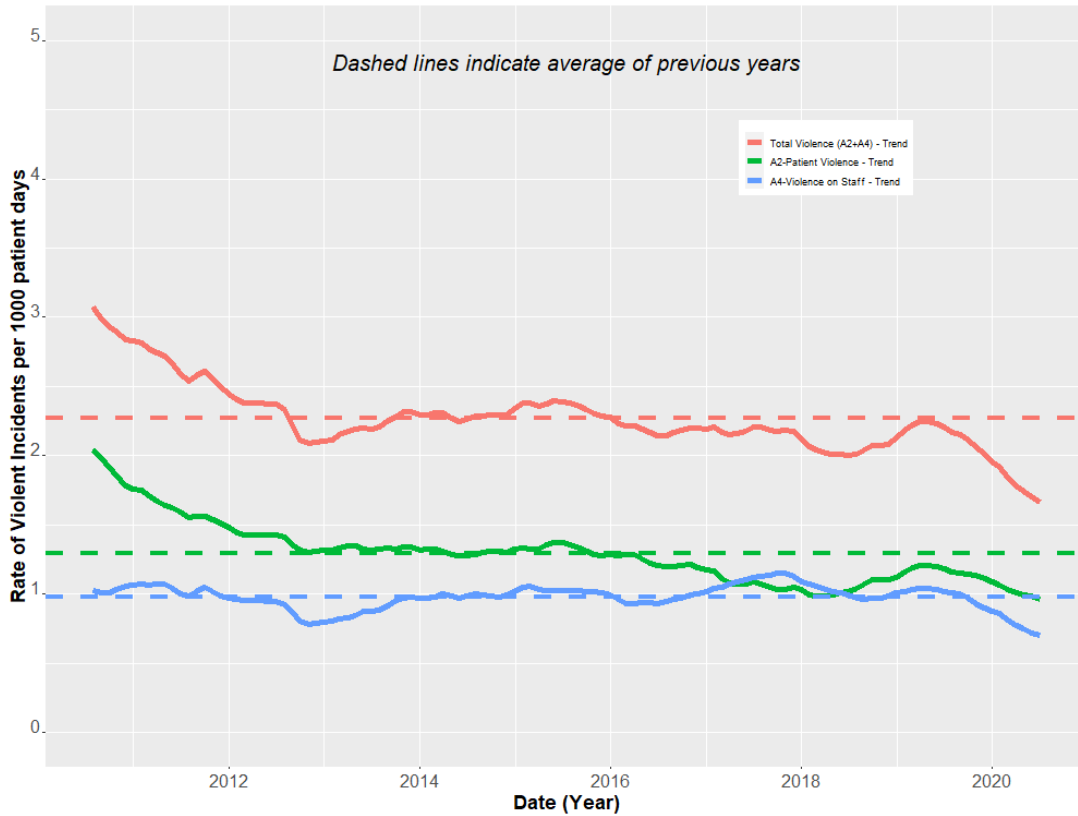


Figure E.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Patton. The dashed lines indicate the previous years (2010-2019) average rate for each category, for comparison with 2020. 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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	1.299	1.278	2.577
6/30/2019	1.326	0.913	2.240
7/31/2019	1.280	1.049	2.329
8/31/2019	1.131	1.173	2.304
9/30/2019	1.061	0.823	1.884
10/31/2019	1.084	0.834	1.919
11/30/2019	1.143	0.863	2.005
12/31/2019	0.961	0.648	1.609
1/31/2020	1.188	1.146	2.335
2/29/2020	1.187	1.008	2.195
3/31/2020	0.984	0.733	1.717
4/30/2020	0.888	0.585	1.473
5/31/2020	0.846	0.719	1.566
6/30/2020	1.184	0.888	2.072
7/31/2020	0.936	0.639	1.575
8/31/2020	0.732	0.543	1.275
9/30/2020	0.907	0.504	1.411
10/31/2020	0.916	0.495	1.411
11/30/2020	1.015	0.482	1.497
12/31/2020	0.641	0.641	1.283

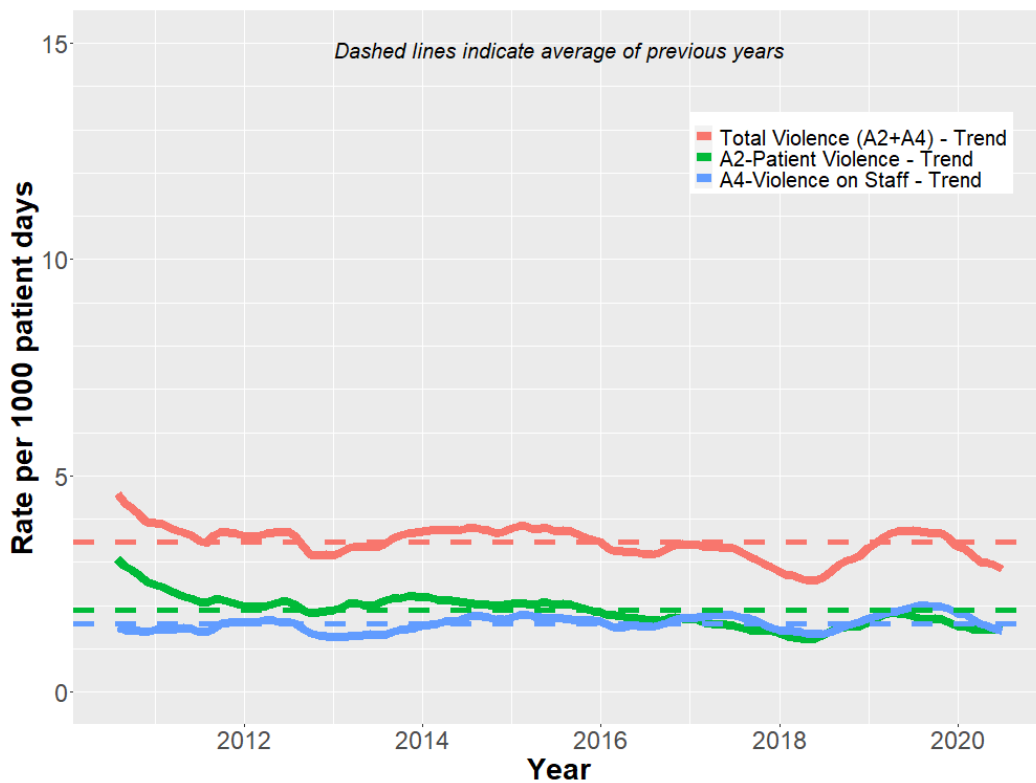
## Violence Rates by Major Legal Classes

### 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.

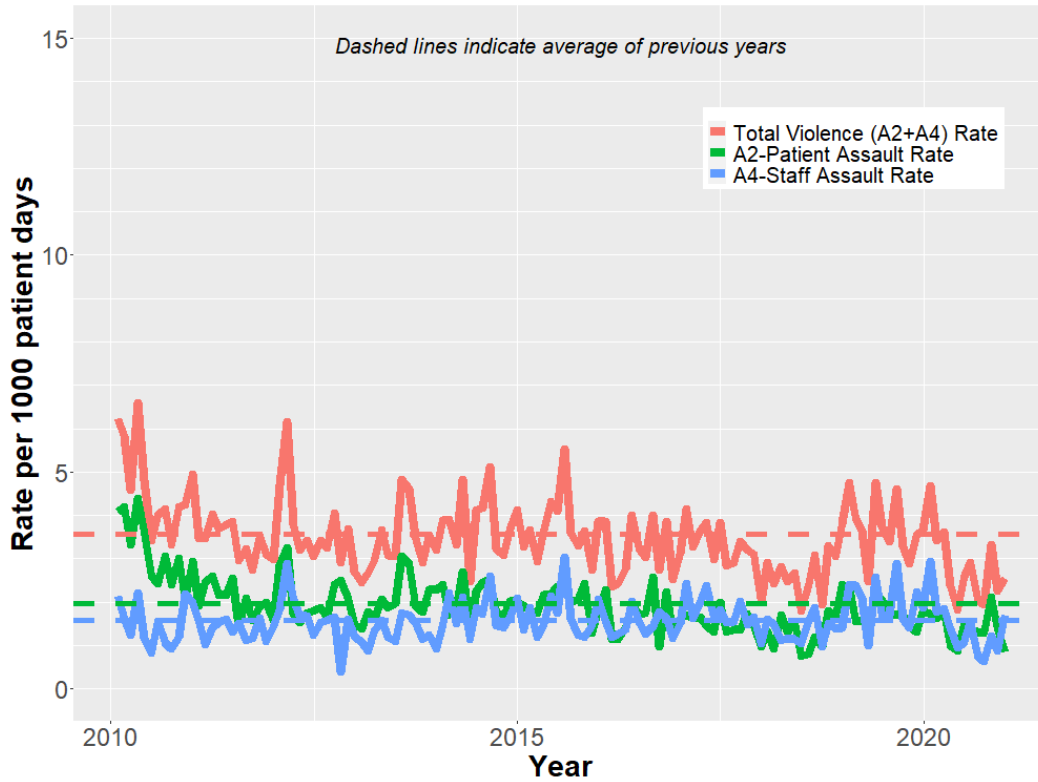
**Figure E.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Patton**



### 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	4.083	2.139	6.222
2/28/2010	4.191	1.634	5.825
3/31/2010	3.336	1.243	4.578
4/30/2010	4.404	2.202	6.606
5/31/2010	3.614	1.183	4.797
6/30/2010	2.600	0.821	3.422
7/31/2010	2.440	1.559	3.999
8/31/2010	3.056	1.087	4.143
9/30/2010	2.407	0.920	3.327
10/31/2010	3.009	1.190	4.198
11/30/2010	2.048	2.194	4.242
12/31/2010	2.938	2.006	4.944
1/31/2011	1.912	1.558	3.469
2/28/2011	2.453	1.029	3.482
3/31/2011	2.610	1.417	4.027
4/30/2011	2.156	1.540	3.695
5/31/2011	2.175	1.614	3.789
6/30/2011	2.542	1.308	3.850
7/31/2011	1.449	1.518	2.967
8/31/2011	2.100	1.120	3.220
9/30/2011	1.594	1.160	2.754
10/31/2011	1.906	1.624	3.530
11/30/2011	1.991	1.106	3.097
12/31/2011	1.571	1.428	3.000
1/31/2012	2.856	1.856	4.712
2/29/2012	3.264	2.893	6.157
3/31/2012	1.726	2.071	3.798
4/30/2012	1.534	1.673	3.207
5/31/2012	1.746	1.679	3.425
6/30/2012	1.808	1.252	3.060
7/31/2012	1.878	1.542	3.420
8/31/2012	1.661	1.595	3.256
9/30/2012	2.400	1.646	4.045
10/31/2012	2.508	0.396	2.904

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2012	2.086	1.599	3.685
12/31/2012	1.490	1.219	2.709
1/31/2013	1.396	1.064	2.460
2/28/2013	1.777	0.889	2.666
3/31/2013	1.616	1.346	2.962
4/30/2013	2.070	1.587	3.657
5/31/2013	1.873	1.204	3.077
6/30/2013	1.979	1.092	3.071
7/31/2013	3.069	1.763	4.832
8/31/2013	2.899	1.713	4.611
9/30/2013	1.953	1.534	3.487
10/31/2013	1.766	1.155	2.921
11/30/2013	2.293	1.251	3.544
12/31/2013	2.275	0.937	3.212
1/31/2014	2.409	1.472	3.882
2/28/2014	1.695	2.211	3.907
3/31/2014	1.830	1.503	3.333
4/30/2014	2.705	2.111	4.816
5/31/2014	1.339	1.148	2.487
6/30/2014	2.261	1.874	4.135
7/31/2014	2.455	1.719	4.174
8/31/2014	2.532	2.594	5.125
9/30/2014	1.769	1.453	3.222
10/31/2014	1.662	1.416	3.079
11/30/2014	2.029	1.649	3.678
12/31/2014	2.029	2.090	4.119
1/31/2015	1.922	1.364	3.286
2/28/2015	1.793	1.862	3.655
3/31/2015	1.749	1.187	2.936
4/30/2015	2.154	1.457	3.611
5/31/2015	2.192	2.133	4.325
6/30/2015	2.357	1.753	4.110
7/31/2015	2.473	3.048	5.520
8/31/2015	2.002	1.602	3.604
9/30/2015	2.060	1.236	3.296
10/31/2015	2.439	1.191	3.630
11/30/2015	1.282	1.456	2.738

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2015	1.793	2.074	3.867
1/31/2016	2.295	1.567	3.862
2/29/2016	1.143	1.204	2.347
3/31/2016	1.155	1.265	2.420
4/30/2016	1.417	1.360	2.777
5/31/2016	1.973	2.028	4.001
6/30/2016	1.700	1.530	3.231
7/31/2016	1.762	1.267	3.029
8/31/2016	2.584	1.430	4.014
9/30/2016	0.972	1.773	2.745
10/31/2016	2.234	1.635	3.869
11/30/2016	1.347	1.179	2.526
12/31/2016	1.618	1.511	3.129
1/31/2017	1.699	2.443	4.142
2/28/2017	1.643	1.643	3.287
3/31/2017	1.662	1.984	3.646
4/30/2017	1.468	2.371	3.839
5/31/2017	1.328	1.660	2.987
6/30/2017	2.004	1.832	3.836
7/31/2017	1.308	1.536	2.844
8/31/2017	1.376	1.548	2.923
9/30/2017	1.369	2.024	3.393
10/31/2017	1.724	1.486	3.209
11/30/2017	1.461	1.652	3.113
12/31/2017	0.982	1.043	2.026
1/31/2018	1.306	1.617	2.923
2/28/2018	0.926	1.495	2.421
3/31/2018	1.703	1.114	2.817
4/30/2018	1.309	1.171	2.480
5/31/2018	1.538	1.137	2.675
6/30/2018	0.766	1.044	1.810
7/31/2018	0.816	1.563	2.379
8/31/2018	1.205	1.875	3.080
9/30/2018	0.971	0.971	1.943
10/31/2018	1.793	1.517	3.310
11/30/2018	1.675	1.396	3.071
12/31/2018	2.413	1.407	3.820

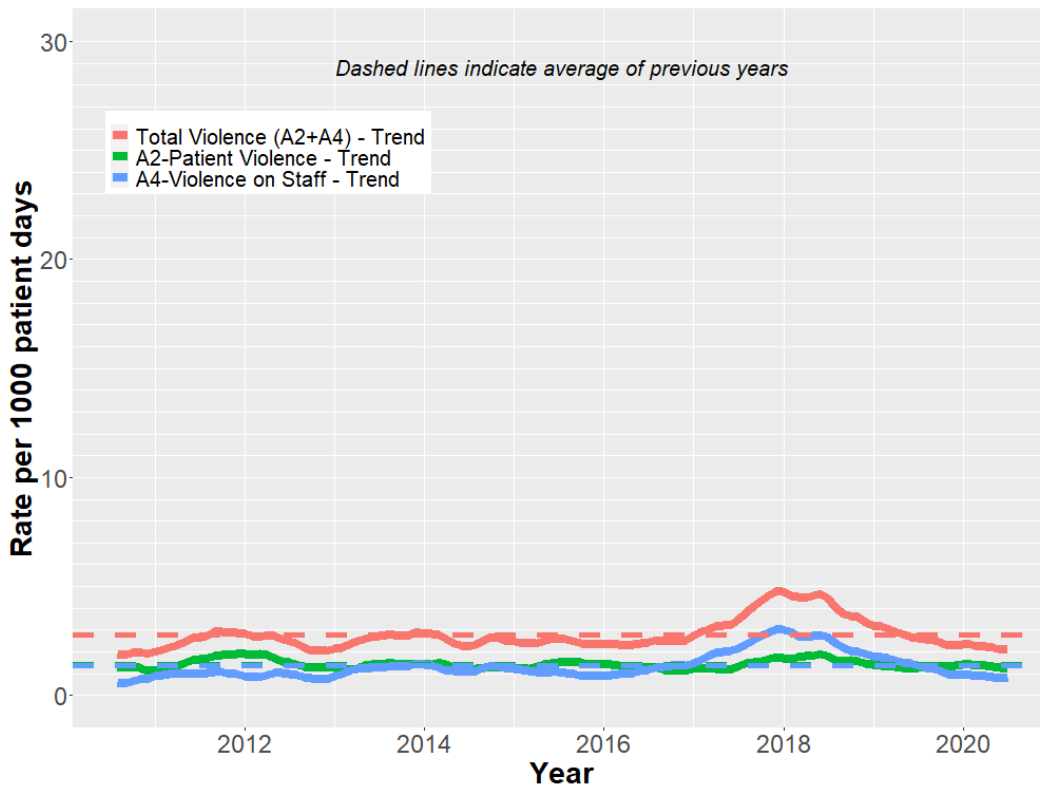
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	2.347	2.414	4.761
2/28/2019	1.562	2.380	3.943
3/31/2019	1.553	2.094	3.647
4/30/2019	1.487	0.992	2.479
5/31/2019	2.164	2.582	4.746
6/30/2019	2.047	1.681	3.728
7/31/2019	1.701	1.701	3.402
8/31/2019	1.731	2.886	4.617
9/30/2019	1.676	1.599	3.275
10/31/2019	1.481	1.407	2.888
11/30/2019	1.312	2.238	3.549
12/31/2019	1.797	1.871	3.668
1/31/2020	1.726	2.949	4.675
2/29/2020	1.629	1.784	3.413
3/31/2020	1.770	1.843	3.613
4/30/2020	0.996	1.379	2.375
5/31/2020	0.870	0.949	1.819
6/30/2020	1.480	1.085	2.565
7/31/2020	1.346	1.570	2.915
8/31/2020	1.306	0.783	2.089
9/30/2020	1.292	0.646	1.939
10/31/2020	2.107	1.229	3.336
11/30/2020	1.395	0.872	2.266
12/31/2020	0.850	1.701	2.551

## 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.

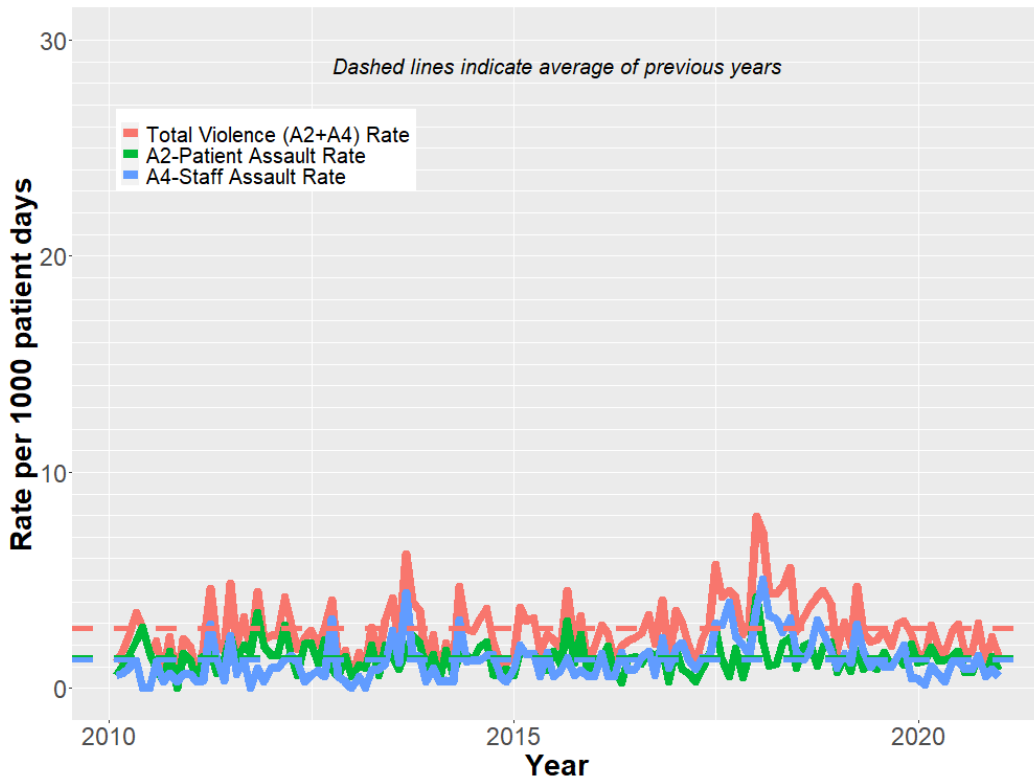
**Figure E.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Patton**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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	0.953	1.668	2.621
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	2.165	1.772	3.937
12/31/2018	0.752	0.940	1.692

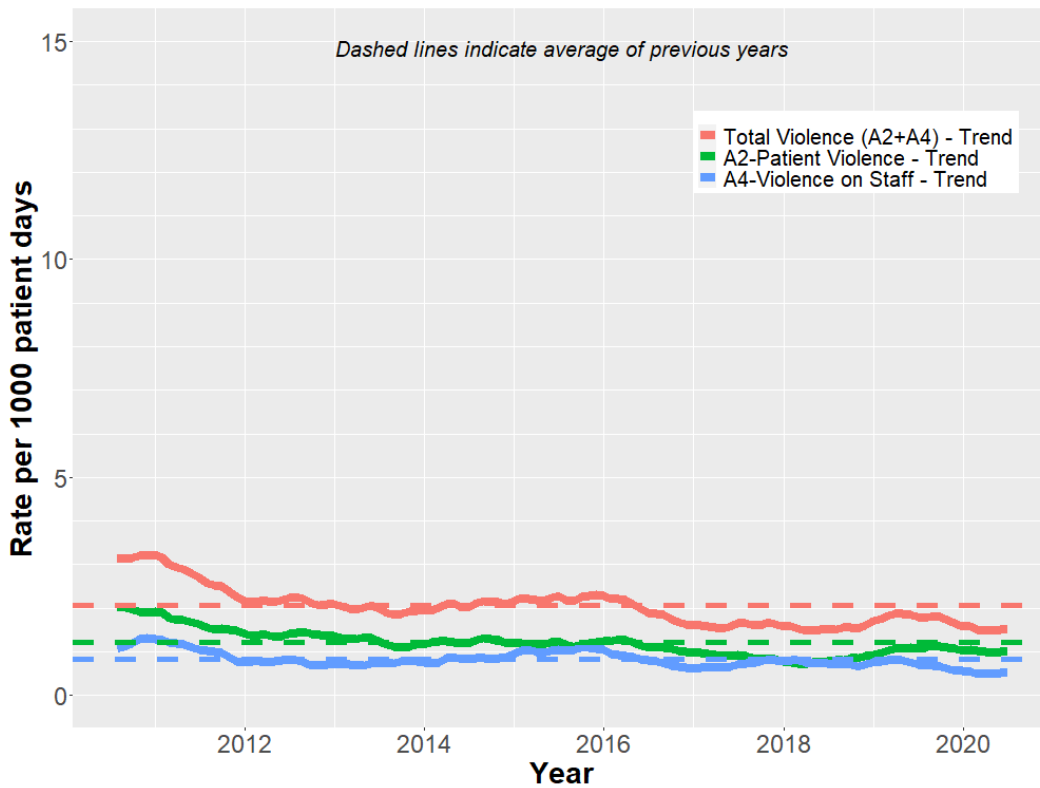
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	1.452	1.634	3.086
2/28/2019	0.794	1.192	1.986
3/31/2019	1.738	2.955	4.693
4/30/2019	0.868	1.736	2.605
5/31/2019	1.161	0.996	2.157
6/30/2019	0.867	1.388	2.255
7/31/2019	1.666	0.999	2.665
8/31/2019	0.969	0.969	1.937
9/30/2019	1.475	1.475	2.951
10/31/2019	1.092	2.028	3.120
11/30/2019	2.062	0.476	2.538
12/31/2019	1.202	0.451	1.652
1/31/2020	1.254	0.157	1.411
2/29/2020	1.888	1.030	2.918
3/31/2020	1.270	0.635	1.905
4/30/2020	1.307	0.327	1.634
5/31/2020	1.402	1.246	2.648
6/30/2020	1.734	1.261	2.994
7/31/2020	0.759	0.911	1.670
8/31/2020	0.752	0.903	1.655
9/30/2020	1.516	1.516	3.031
10/31/2020	0.574	0.574	1.148
11/30/2020	1.481	0.889	2.370
12/31/2020	0.849	0.566	1.416

## 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.

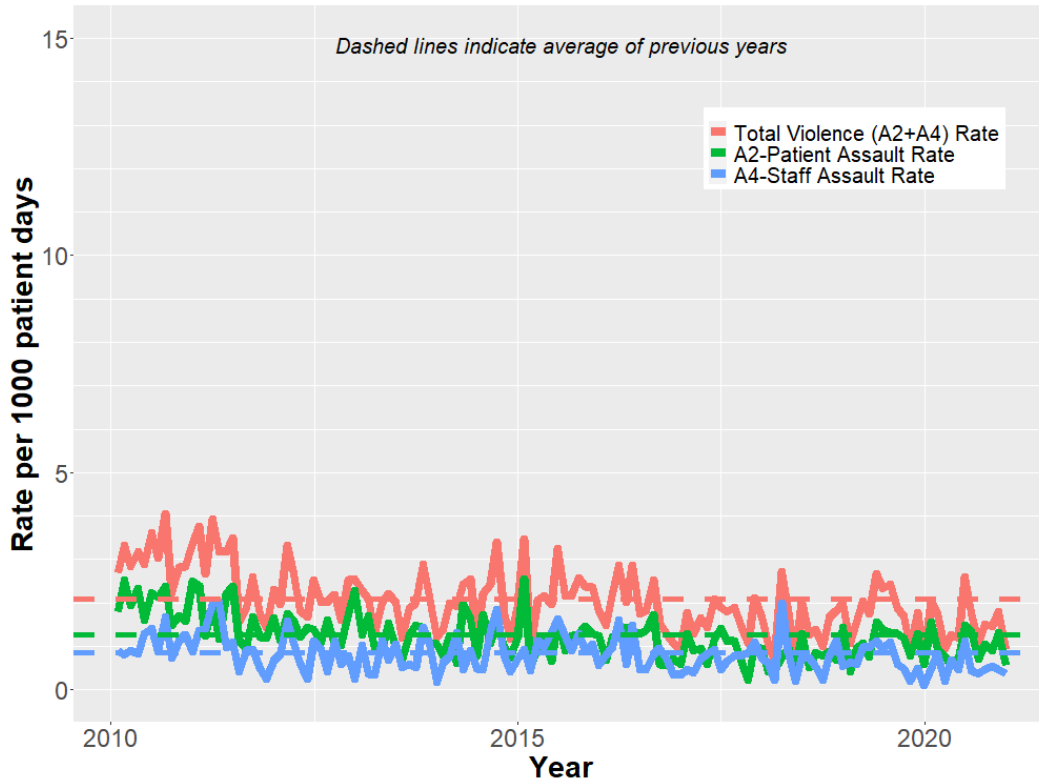
**Figure E.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Patton**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	0.432	0.647	1.079
2/28/2019	0.956	0.597	1.553
3/31/2019	1.078	0.971	2.049
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	1.313	1.111	2.424
8/31/2019	1.284	0.593	1.877
9/30/2019	1.201	0.500	1.701
10/31/2019	0.773	0.193	0.966
11/30/2019	1.289	0.496	1.785
12/31/2019	0.581	0.097	0.678
1/31/2020	1.548	0.484	2.032
2/29/2020	0.930	0.827	1.757
3/31/2020	0.768	0.192	0.960
4/30/2020	0.590	0.688	1.278
5/31/2020	0.737	0.461	1.197
6/30/2020	1.489	1.117	2.606
7/31/2020	1.337	0.446	1.782
8/31/2020	0.722	0.361	1.082
9/30/2020	1.043	0.474	1.517
10/31/2020	0.913	0.548	1.460
11/30/2020	1.322	0.472	1.794
12/31/2020	0.558	0.372	0.930

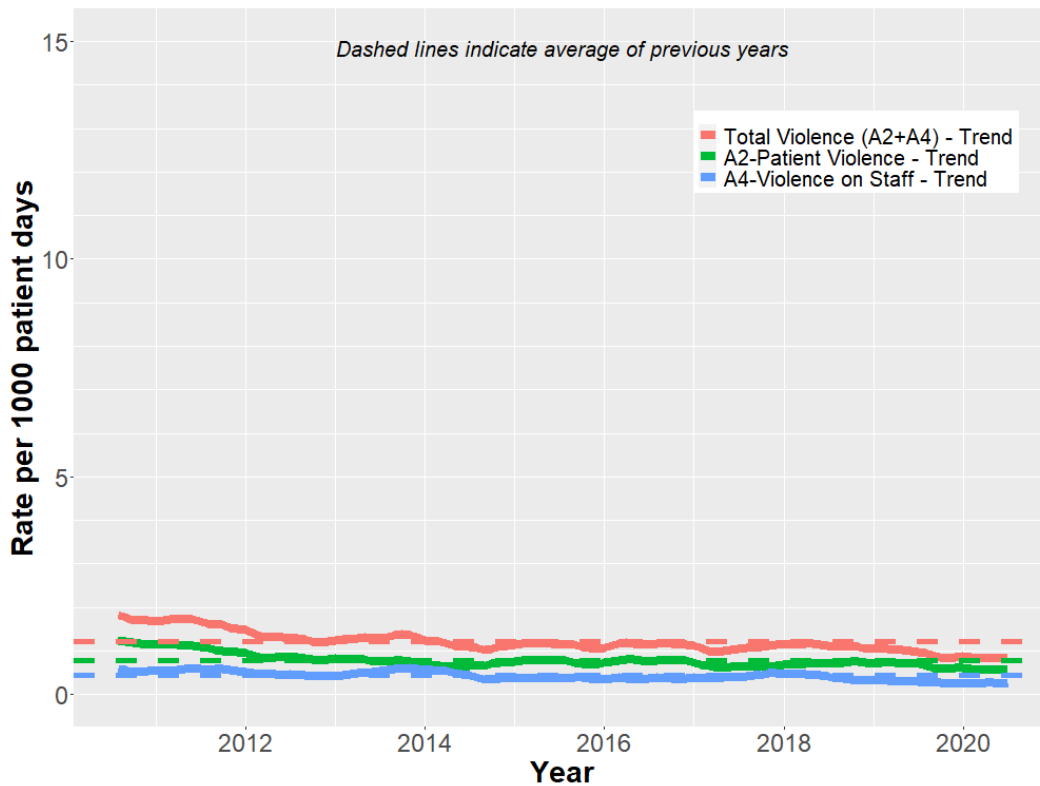


## DSH-Patton NGRI's

### 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.

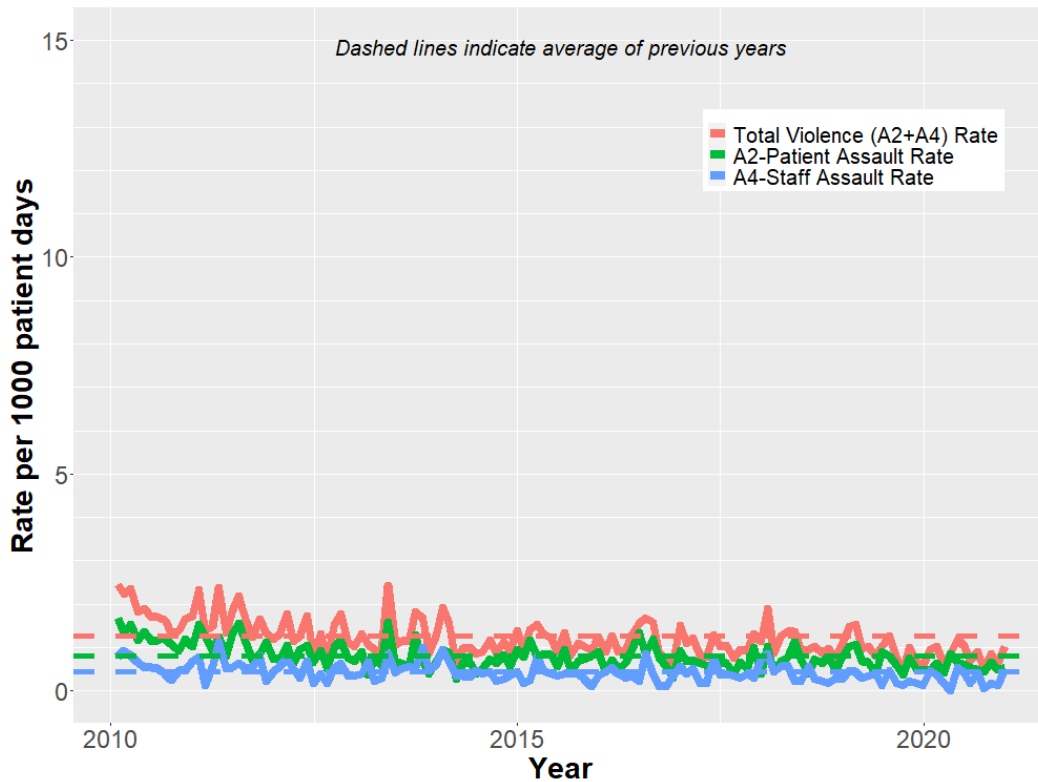
**Figure E.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Patton**



### 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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
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
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

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2019	1.030	0.458	1.488
2/28/2019	1.086	0.447	1.533
3/31/2019	0.693	0.289	0.982
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	0.584	0.175	0.759
9/30/2019	0.365	0.122	0.486
10/31/2019	0.763	0.235	0.998
11/30/2019	0.488	0.183	0.672
12/31/2019	0.475	0.119	0.593
1/31/2020	0.476	0.476	0.951
2/29/2020	0.634	0.381	1.015
3/31/2020	0.416	0.178	0.594
4/30/2020	0.860	0.000	0.860
5/31/2020	0.655	0.536	1.190
6/30/2020	0.615	0.431	1.046
7/31/2020	0.540	0.180	0.720
8/31/2020	0.482	0.422	0.904
9/30/2020	0.438	0.063	0.500
10/31/2020	0.672	0.183	0.856
11/30/2020	0.504	0.126	0.630
12/31/2020	0.550	0.488	1.038



## 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

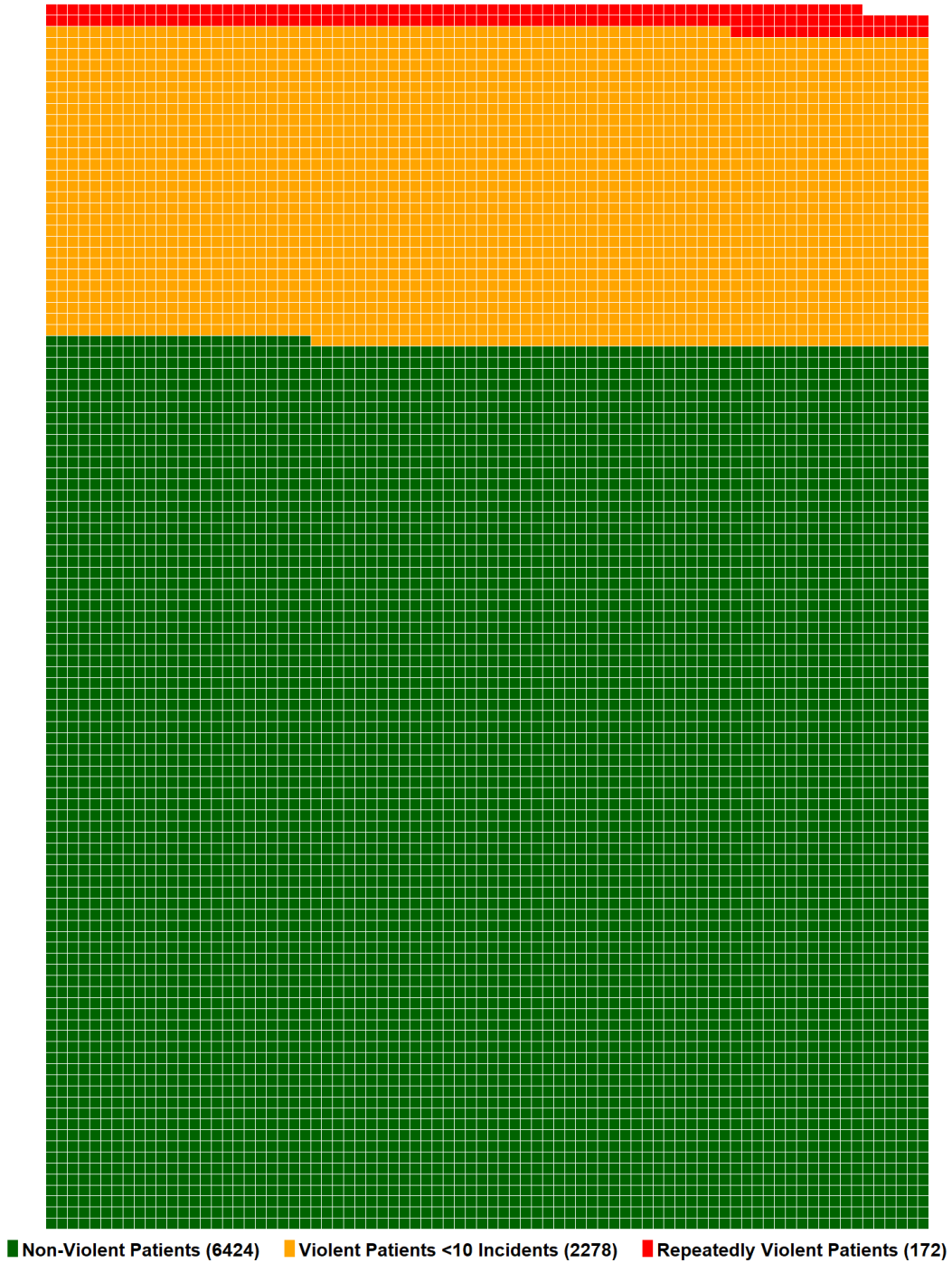
As can be seen in Figure F.1, in 2010 the number of patients treated in DSH hospitals during the year totaled 8,874. Of these, most patients (6,424) were not violent (shown in green), while 2,450 patients were violent (the number of patients having 1-9 violent acts was 2,278, those with 10 or more violent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



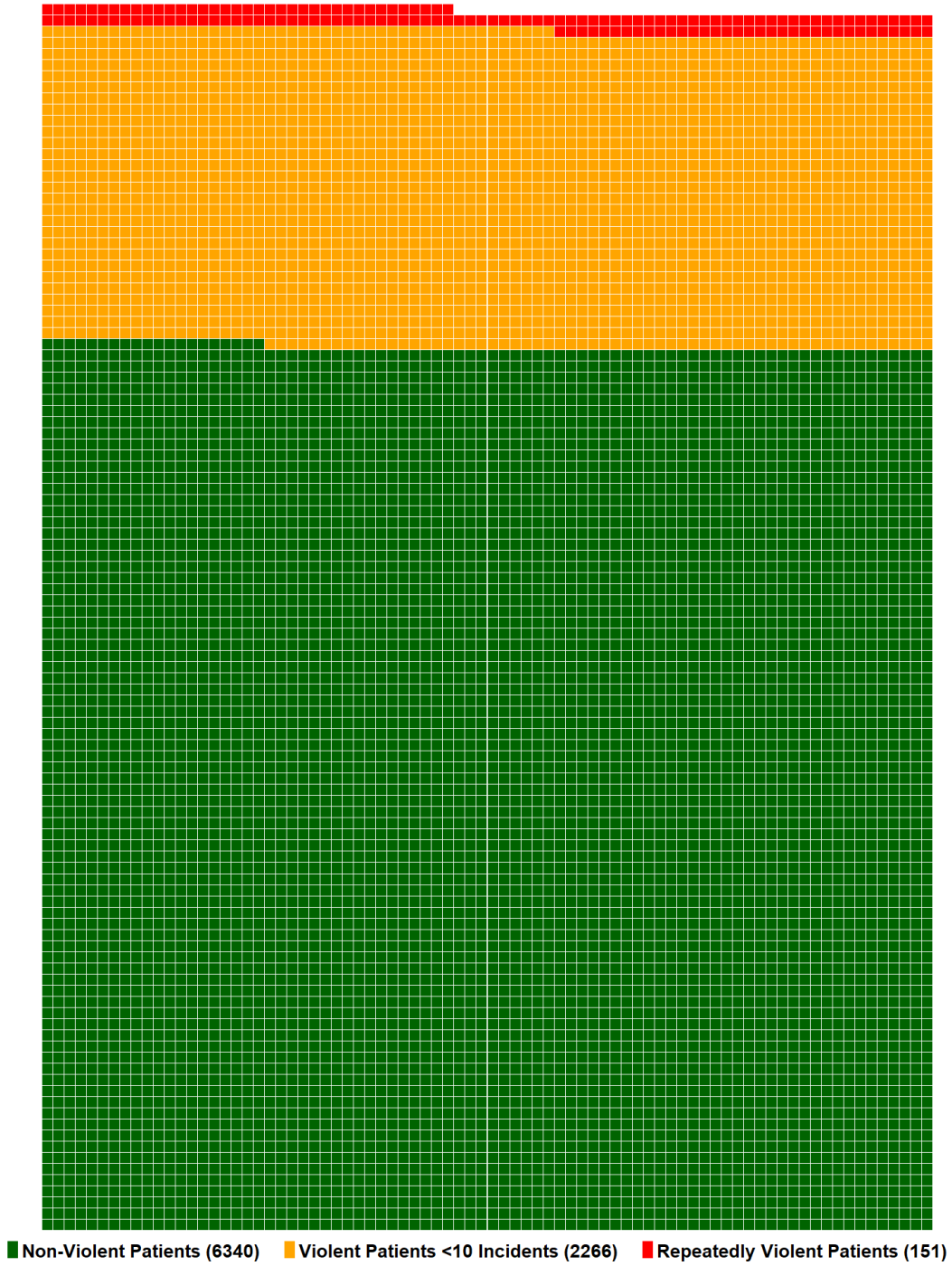
## B. Patients and Aggressors in 2011

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**



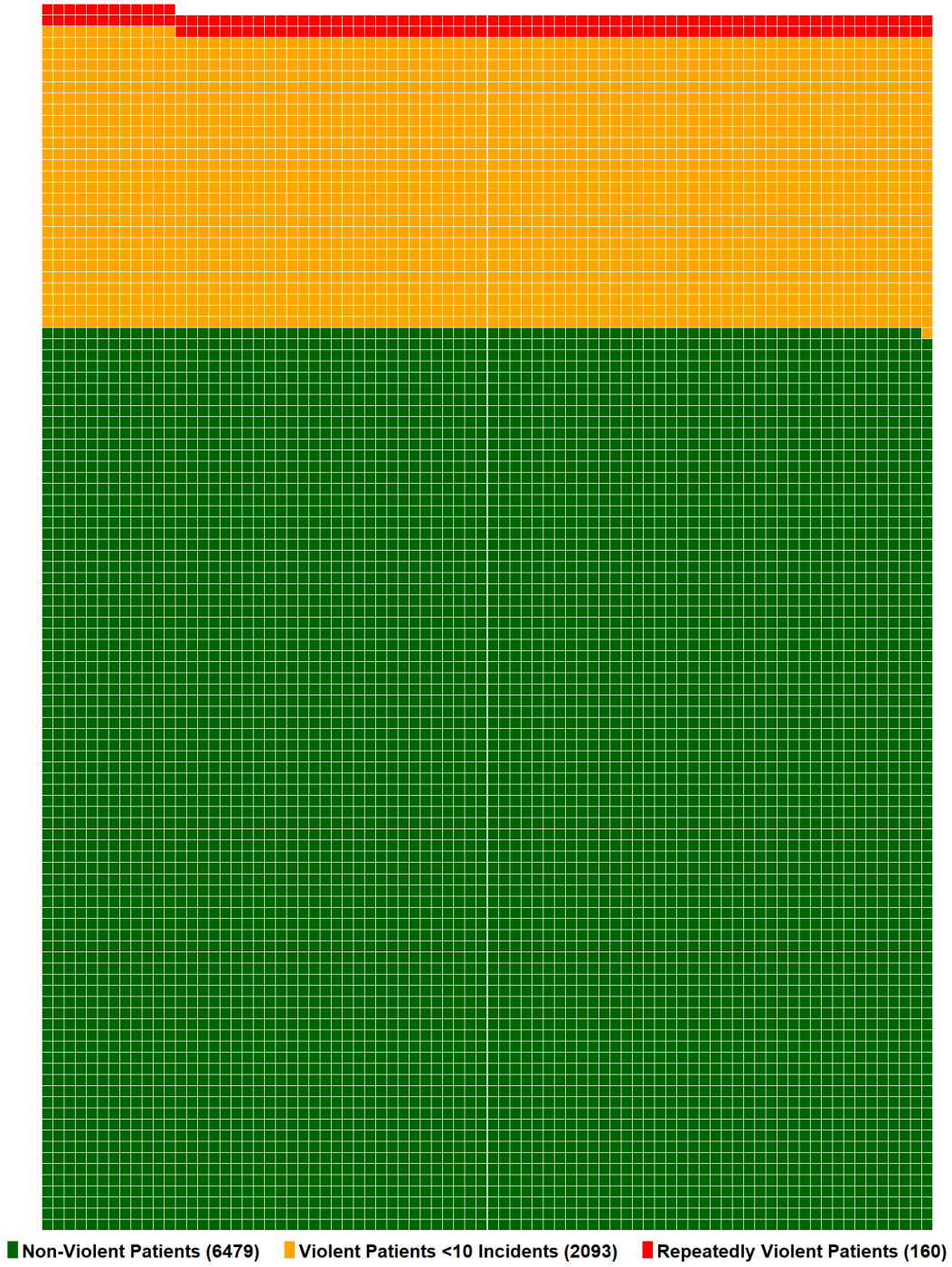
### C. Patients and Aggressors in 2012

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**



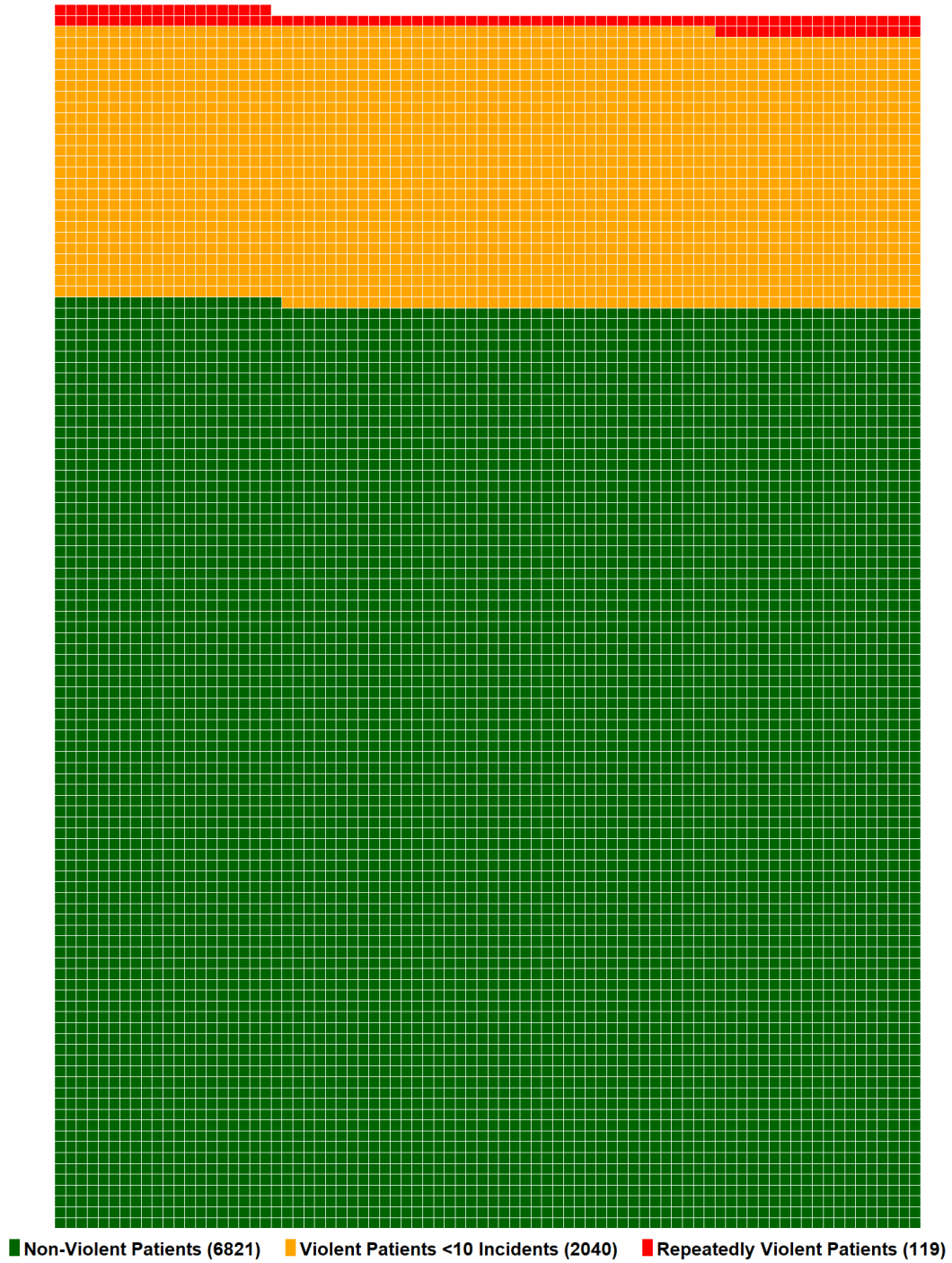
#### D. Patients and Aggressors in 2013

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

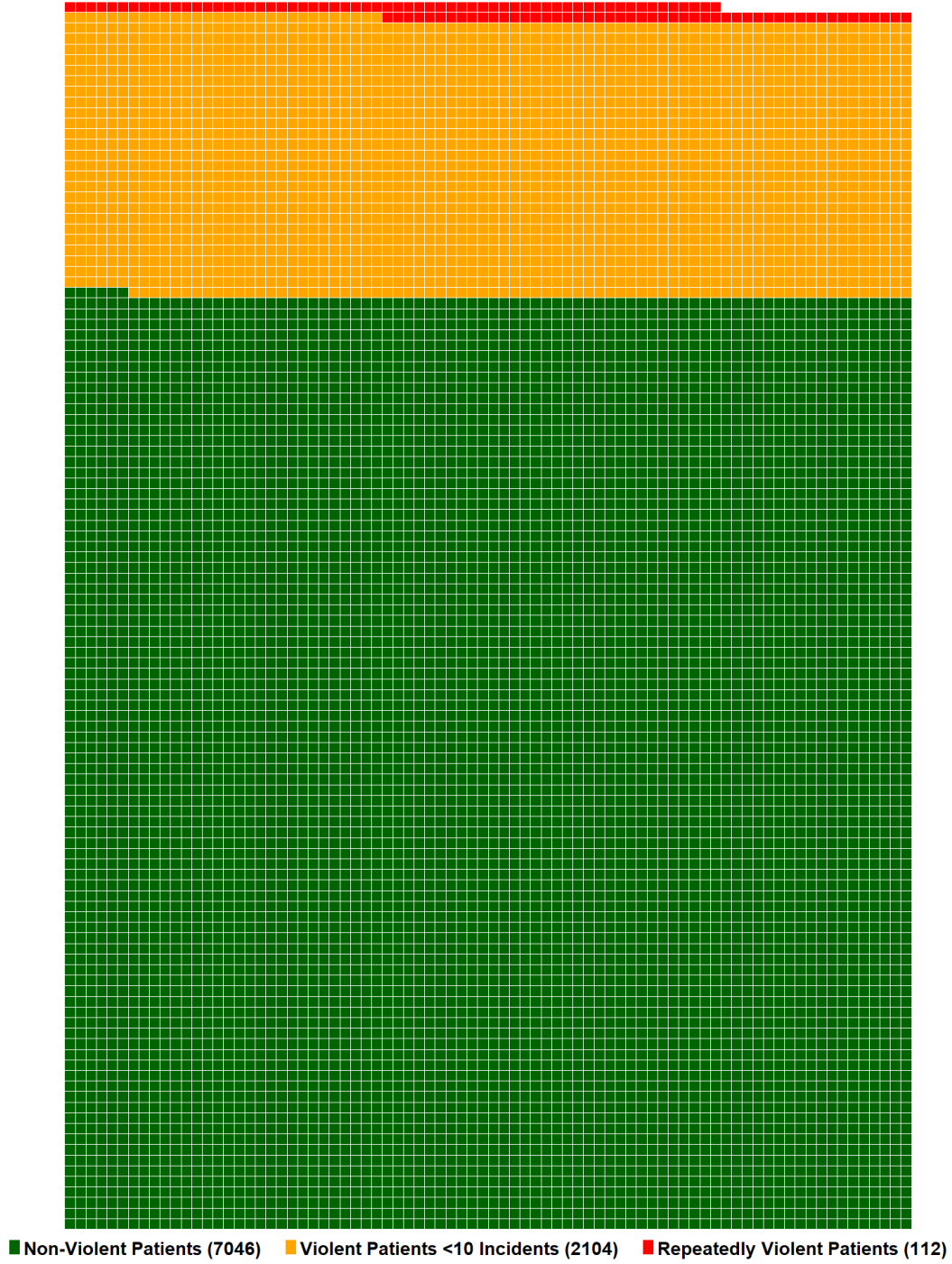
As can be seen in Figure F.5, in 2014 the number of patients treated in DSH hospitals was 9,262. Again, most patients (7,046) were not violent, but 2,216 patients were violent (the number of patients having 1-9 violent acts was 2,104, those with 10 or more violent acts numbered 112).

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**



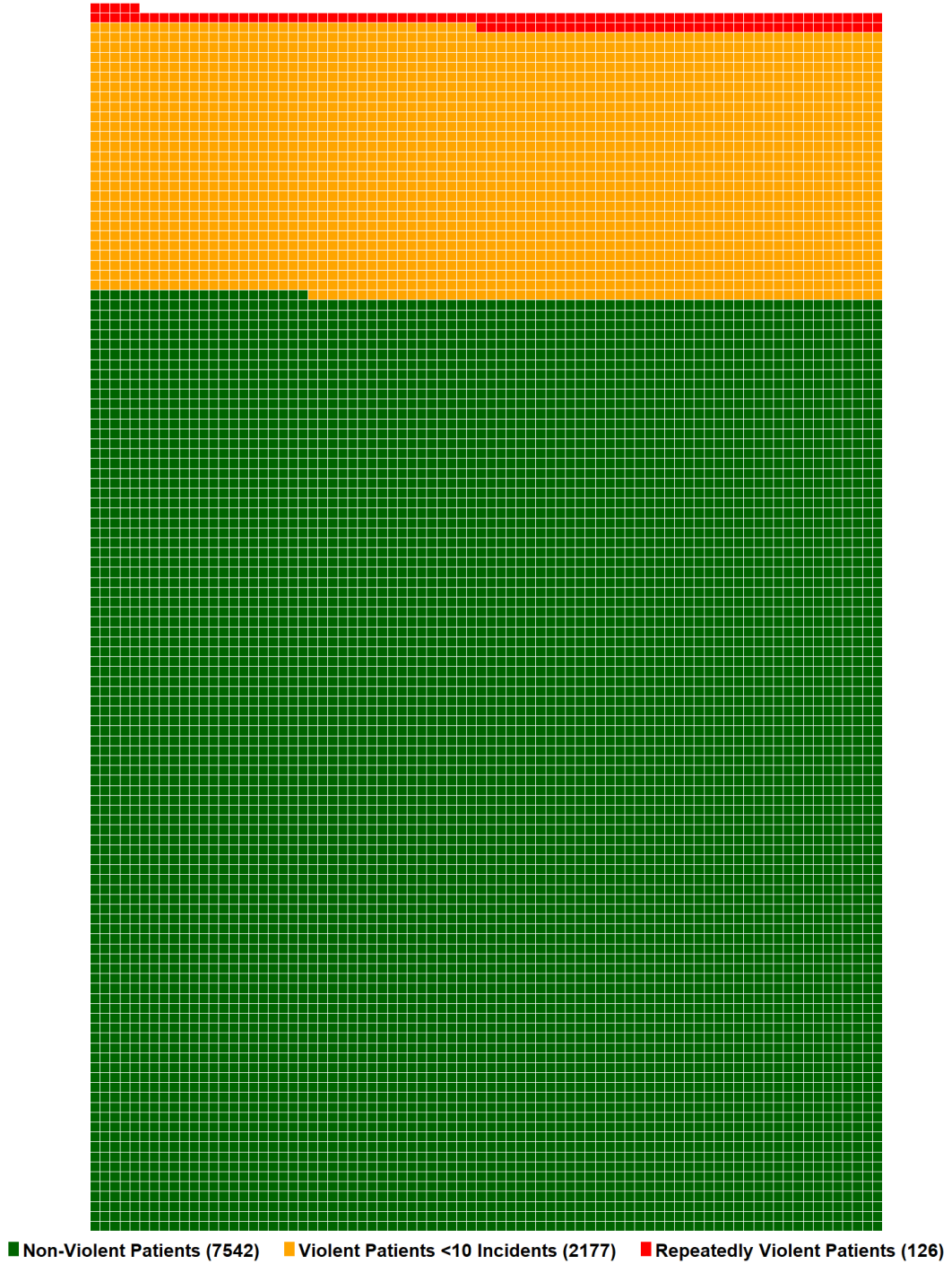
## F. Patients and Aggressors in 2015

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**



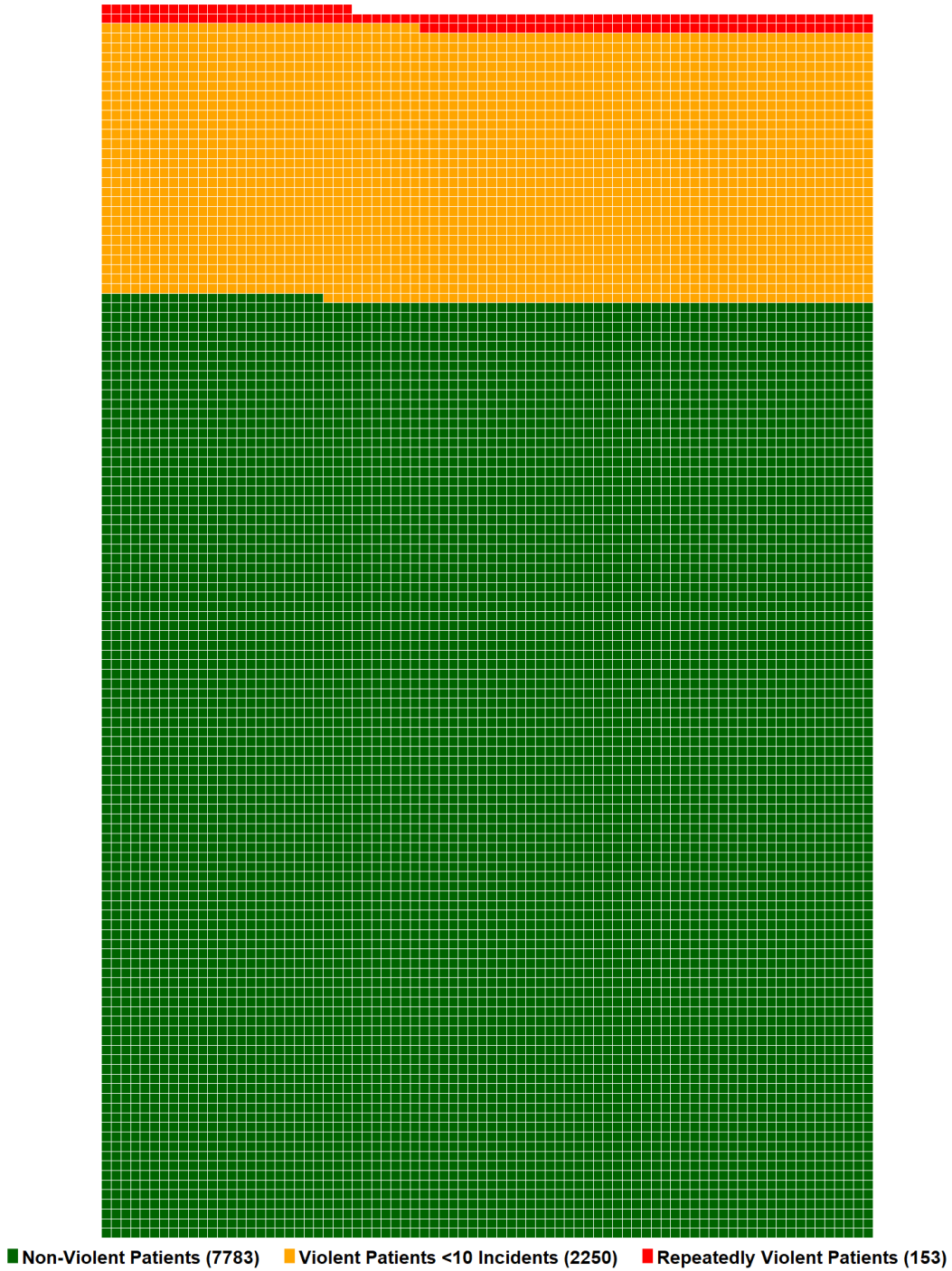
## G. Patients and Aggressors in 2016

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**



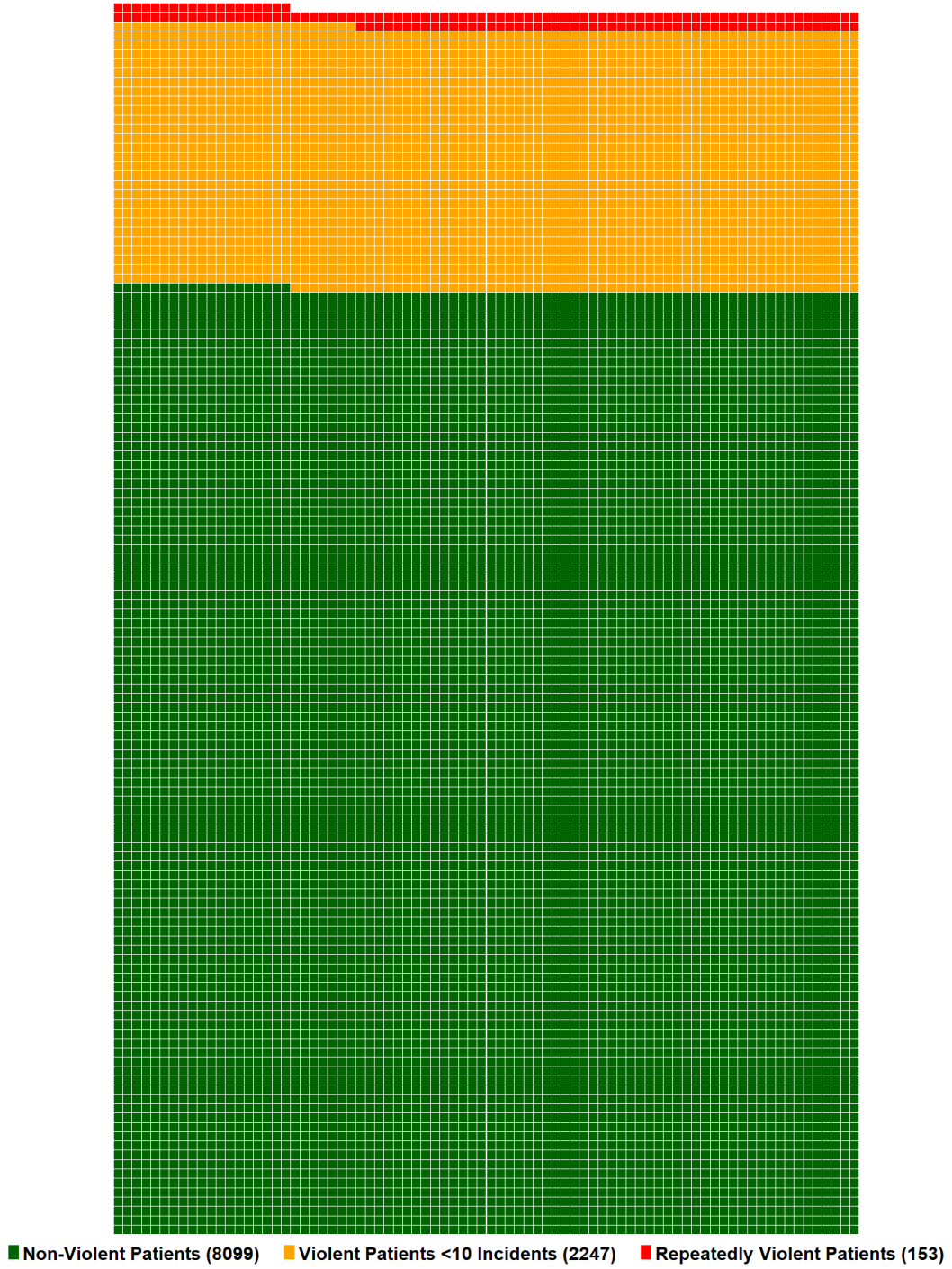
## H. Patients and Aggressors in 2017

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**



## I. Patients and Aggressors in 2018

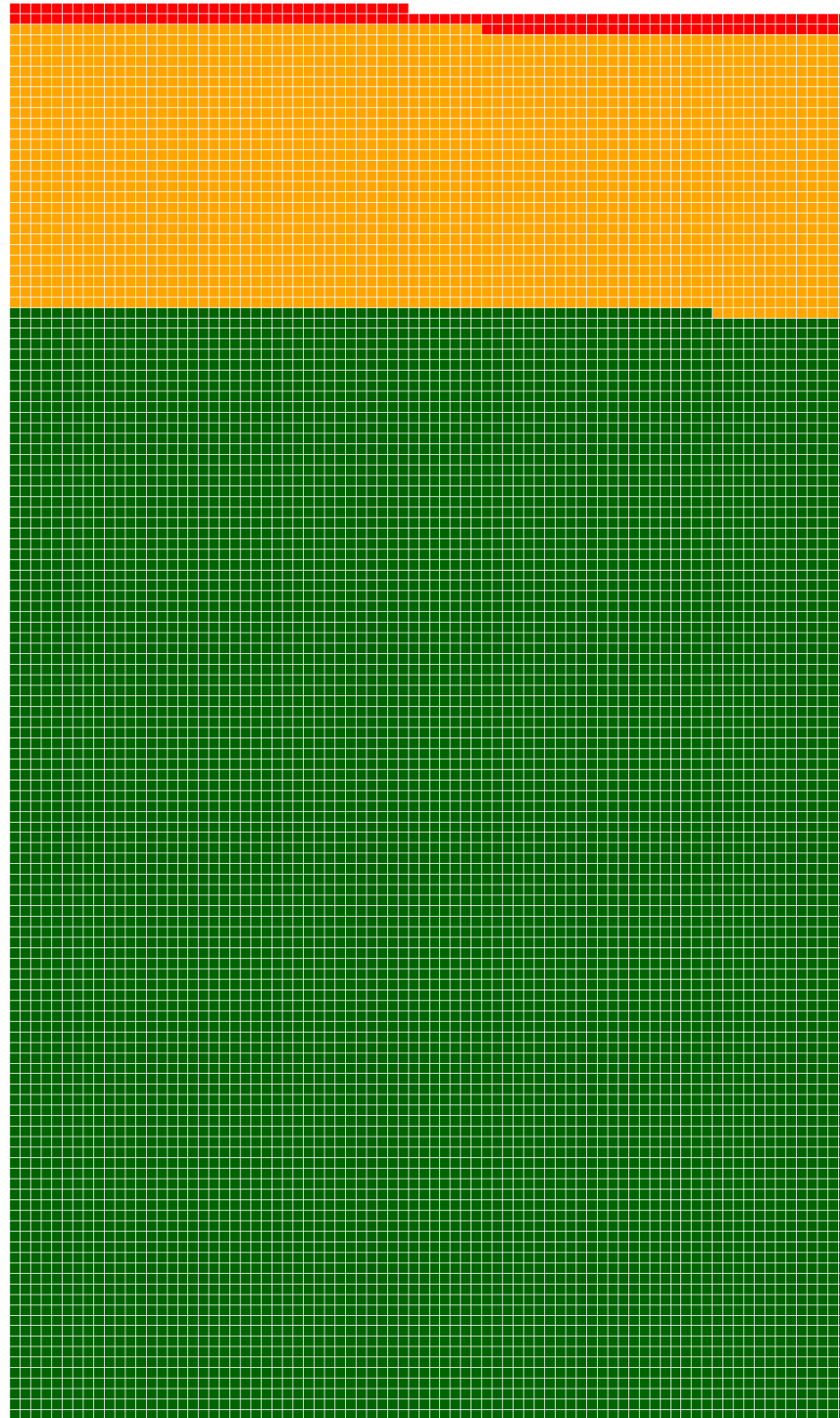
As can be seen in Figure F.8, in 2018 the number of patients treated in DSH hospitals totaled 10,758. Again, most patients (8,468) were not violent, but 2,290 patients were violent (the number of patients having 1-9 violent acts was 2,138, those with 10 or more violent acts numbered 152).

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 (8467) ■ Violent Patients <10 Incidents (2138) ■ Repeatedly Violent Patients (153)



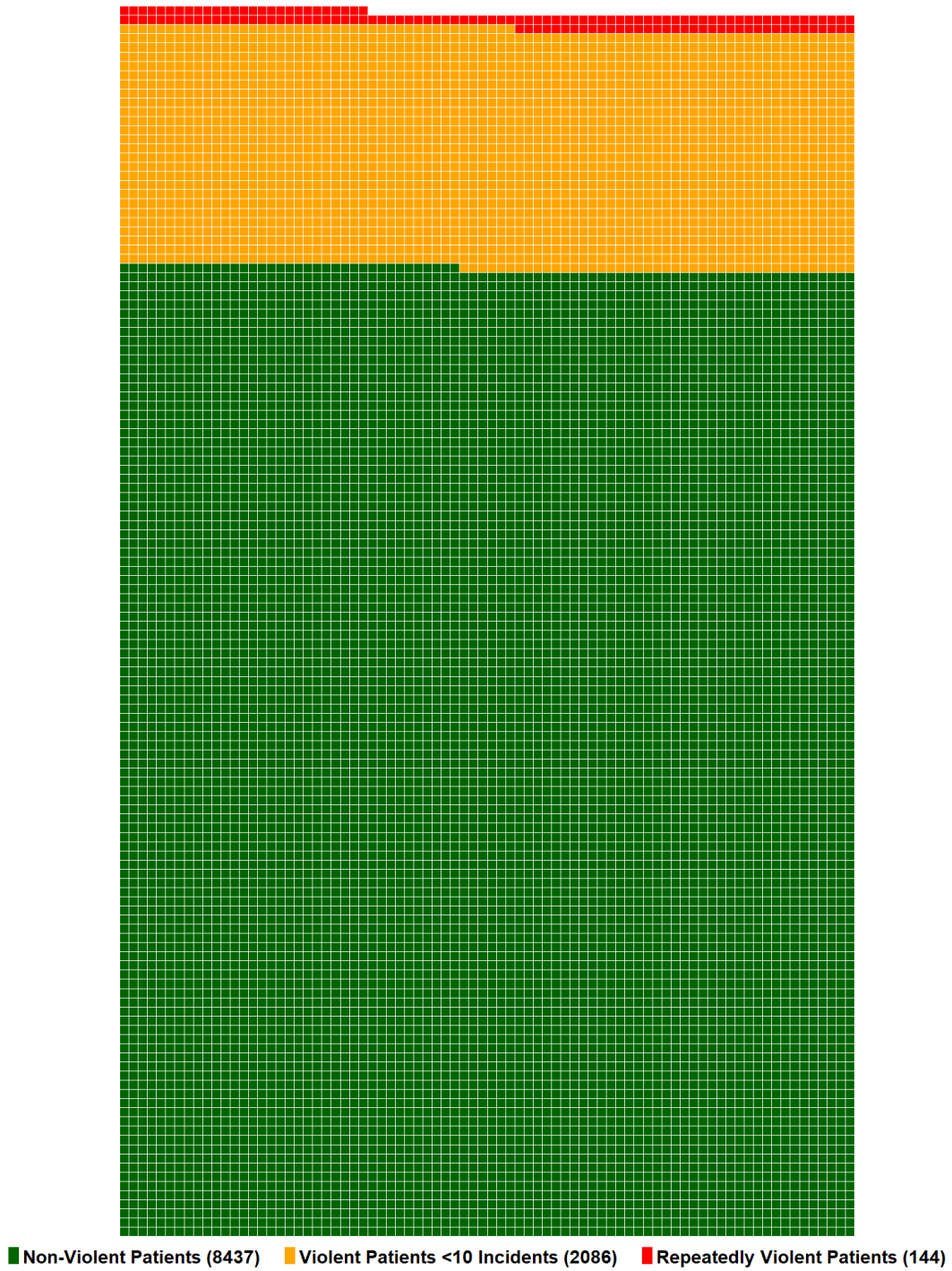
## J. Patients and Aggressors in 2019

As can be seen in Figure F.8, in 2018 the number of patients treated in DSH hospitals totaled 10,667. Again, most patients (8,437) were not violent, but 2,281 patients were violent (the number of patients having 1-9 violent acts was 2,138, those with 10 or more violent acts numbered 143).

Thus, violent patients as a percentage of all patients treated were about 21.4% 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 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.10**  
**2019 DSH Patients and Aggressors, 1 Square = 1 Patient**



## 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
PCD	WIC 5303	Pending Court Decision on 180-	

OVERALL COMMITMENT/ CENSUS GROUP	LEGAL CLASS TEXT	LEGAL CODE SECTION	DESCRIPTION
			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 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-