

Checkpoint 1

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1. What is the average value of settlement money based on your race?

	average_payments	race_of_victim	no_of_cases
1	267835.310638297872	BLACK	470
2	203704.61111111111111	HISPANIC	108
3	114804.607142857143	WHITE	56
4	84400.2	ASIAN/PACIFIC ISLANDER	5
5	42718.875	<null>	0
6	9500	NATIVE AMERICAN/ALASKAN NATIVE	1

- **Quantitative Analysis:**

As shown by the above table, the race of the plaintiffs that has the highest in the average value of monetary compensation is Black, followed by Hispanic and then White. The average payout given to Black victims is 24% higher than that given to Hispanic victims, and that it is 57% higher than that given to White victims.

- **Qualitative Analysis:**

From this result it is evident that there is a certain discrepancy in monetary value of compensation that is given to you, based on the race of the victim. Although the gap isn't huge, there is a significant difference, with victims who are Black being given 24% higher compensation compared to the next race, i.e. hispanic. This discrepancy is further highlighted when comparing compensation being offered to Black people as opposed to White, with the average value being lower by 57%

We can also see that the number of lawsuits that resulted in a successful judgement for White victims were almost 8x lower than successful lawsuits of Black victims.

2. What were the misconducts that won settlements? Which was the most common misconduct?

1	false_arrest_or_report	882	sexual_harrassment_abuse	32	destroy_conceal_fabricate_evidence	213	witness_manipulation	41	threats_or_intimidation	211
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Table 1: Misconducts that most commonly won settlements

Since this result spanned multiple rows, we’re providing a mockup

Misconduct Name	Frequency of Misconduct
False_arrest_or_report	882
Illegal_search_seizure	276
Destroy_conceal_fabricate_evidence	213
Threats_or_intimidation	211
Damage_to_property	110
Shooting	85
Stolen_property	67
Racial_epithets	63
Failure_to_provide_medical_care	54
Strip_search	50
Witness_manipulation	41
Sexual_harrassment_abuse	32
Pattern_of_misconduct	31
Legal_access_denied	31
Forced_confession	28
Torture	13
Retaliation	4
Bribery	0

	category	allegation_name	alleg_count
1	Use Of Force	Excessive Force / On Duty - Injury	31903
2	Illegal Search	Search Of Premise Without Warrant	25292
3	Operation/Personnel Violations	Inadequate / Failure To Provide S...	23240
4	Operation/Personnel Violations	Neglect Of Duty	16794
5	Operation/Personnel Violations	Miscellaneous	13808
6	Verbal Abuse	Use Of Profanity	9449
7	False Arrest	Illegal Arrest / False Arrest	8995
8	Lockup Procedures	Prisoners Property	7836
9	Operation/Personnel Violations	Reports	7119
10	Use Of Force	Excessive Force / Off Duty - No I...	6826
11	Operation/Personnel Violations	Inventory Procedures	6681
12	Illegal Search	Improper Search Of Vehicle	6457
13	Illegal Search	Improper Search Of Person	5625
14	Use Of Force	Excessive Force / On Duty - No In...	4965
15	Use Of Force	Excessive Force - Use Of Firearm ...	4490
16	Domestic	Domestic Incident - Not Physical	4132
17	Conduct Unbecoming (Off-Duty)	Association With Felon	3819
18	Operation/Personnel Violations	Slow / No Response	3302
19	Traffic	Misconduct During Issuance Of Cit...	3098
20	Verbal Abuse	Racial / Ethnic, Etc.	2657
21	Traffic	Miscellaneous	2628
22	Conduct Unbecoming (Off-Duty)	Altercation / Disturbance - Other	2611
23	Criminal Misconduct	Conspiracy To Commit A Crime	2402
24	Domestic	Domestic Altercation - Physical A...	2315
25	Supervisory Responsibilities	Federal Civil Suit	1935

Table 2: Allegation categories that were most common

- **Quantitative Analysis:**

Table 1: Inferring from the above data, we can see that False Arrest or Report was the leading misconduct category that led to most successful lawsuit settlements.

Table 2: Since we don't have data on unsuccessful lawsuits, we can compare this to the categories that allegations were filed in, and we can find out that the most common allegation was 'Excessive force' followed by 'Search of Premise Without Warrant' with 'Illegal Arrest / False Arrest' being the seventh highest

- **Qualitative Analysis:**

We can come to the conclusion that the leading number of successful lawsuits are if the misconduct allegation had to do with false arrests or reports. These are the misconducts that have had a successful outcome and they are almost 4x higher than that of the next category, which is illegal search and seizure.

Since we don't have the data on unsuccessful lawsuits, let's compare this to allegation numbers and the allegation categories and names that they are filed under. The highest misconduct in settlements, 'False arrest' is seventh in allegation categories. The second highest in misconduct settlements, 'Illegal search seizure' is second highest in allegation categories. 'Use of Excessive Force' with the highest number of allegations by almost 21% is not in the top three misconduct categories that have successful lawsuits.

3. With respect to allegations, does a particular combination of police race and victim race have a higher probability of being sustained?

	police_race	÷ victim_race	÷ alleg_count ÷	sustained_alleg_count ÷	percent ÷
1	Black	White	1896	256	13.502109704641349
2	Hispanic	Asian/Pacific Islander	192	25	13.020833333333334
3	Asian/Pacific	Asian/Pacific Islander	63	7	11.111111111111111
4	Native American/Alaskan Native	Hispanic	55	5	9.090909090909092
5	Black	Asian/Pacific Islander	135	12	8.888888888888889
6	Asian/Pacific	White	460	40	8.695652173913043
7	Hispanic	White	2737	225	8.220679576178297
8	White	White	8976	720	8.02139037433155
9	Native American/Alaskan Native	White	52	4	7.6923076923076925
10	White	Native American/Alaskan Native	78	5	6.41025641025641
11	Black	Hispanic	1328	83	6.25
12	Hispanic	Hispanic	5097	273	5.356091818716893
13	White	Asian/Pacific Islander	427	22	5.152224824355972
14	Asian/Pacific	Hispanic	392	19	4.846938775510204
15	Black	Native American/Alaskan Native	21	1	4.761904761904762
16	Black	Black	21886	892	4.075664008553413
17	White	Hispanic	8407	260	3.0926608778398954
18	Asian/Pacific	Black	2058	51	2.478134110787172
19	Hispanic	Black	17269	354	2.0499160345127105
20	White	Black	44709	791	1.7692187255362455
21	Native American/Alaskan Native	Black	281	3	1.0676156583629894

- **Quantitative Analysis:**

The table above shows the percentage of sustained allegations from total allegations based on the combination between police race and victim race. We can see that black officer and white victim combination has the highest percentage with 13.5% of the allegations being sustained. The second lowest combination, that of a white police officer with a black victim has the lowest percentage, with only 1.7% of the cases being sustained

- **Qualitative Analysis:**

Looking at the above table we can see that the victims who have the lowest percentage of allegations being sustained are black victims, they occupy the bottom 6 spots (excluding white/hispanic combination) with only 4.8% cases being sustained

if the officers are black, 2.4% being sustained if asian, 2% if hispanic, and 1.7% being sustained if they're white (although that has the highest number of allegations)

4. Does the race of police officer investigating the allegation play a role in whether the allegation is sustained?

	police_race	investigator_race	alleg_count	sustained_alleg_count	percent
1	Black	Asian/Pacific Islander	165	27	16.363636363636363
2	Black	White	20398	2271	11.1334444553387
3	Black	Hispanic	5361	538	10.035441149039357
4	Black	Black	13460	1251	9.294205052005944
5	Native American/Alaskan Native	Hispanic	69	6	8.695652173913043
6	Asian/Pacific	Black	1027	71	6.91333982473223
7	White	Asian/Pacific Islander	545	37	6.788990825688073
8	Native American/Alaskan Native	Black	164	11	6.707317073170732
9	White	Native American/Alaskan Native	15	1	6.666666666666667
10	Hispanic	Asian/Pacific Islander	180	12	6.666666666666667
11	Asian/Pacific	White	2110	137	6.492890995260664
12	Asian/Pacific	Hispanic	550	35	6.363636363636363
13	Hispanic	Hispanic	5398	323	5.983697665802149
14	Hispanic	White	10012	1070	5.940484121696640
15	Hispanic	Black	9211	530	5.753989794810552
16	Native American/Alaskan Native	White	277	15	5.415162454873640
17	White	Hispanic	12153	652	5.364930469842837
18	White	White	51086	2557	5.005285205340015
19	White	Black	24190	1202	4.968995452666392
20	Asian/Pacific	Asian/Pacific Islander	28	1	3.571428571428571

- Quantitative Analysis:**

The table above shows the percentage of sustained allegations from total allegations based on the combination between police race and investigator race. We can see that black officer and asian investigator combination has the highest percentage with 16.4% of the allegations being sustained. The second lowest combination, that of a white police officer with a black investigator has the lowest percentage, with 4.96% of the cases being sustained

- Qualitative Analysis:**

It is evident from the table above that black police officers have a higher chance of allegations being sustained against them, irrespective of the investigating officer's race, they occupy the first four spots. When the investigating officer is white, a black police officer is found guilty 11% of the time, an asian officer 6% of the time, a hispanic officer 5.9% of the time, a white officer 5% of the time, there is a higher 4% chance of black officers allegations being sustained as compared to other races. Consequently, black investigating officers find black police officers guilty 9.29% of the time, hispanic officers 5.75% of the time, white police officers 4.9% of the time.