

# Restitution Working Group

## MNCIS Data Analysis

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# Data Qualifications

## Data Related

- Hennepin & Ramsey not recorded in MNCIS for 2010 Cohort
- Analysis of this type is original for MNCIS financial data

## Systems Related

- Joint and Several cases must be analyzed separately
- System designed for business purposes, not research purposes

# Restitution Cohort

- Cohort Model allows us to evaluate results on a case-by-case basis
- Eliminates certain transaction timing issues
- Disposed in 2010
- Adult, Criminal Cases
- Most Serious Charge on Most Serious Disposition

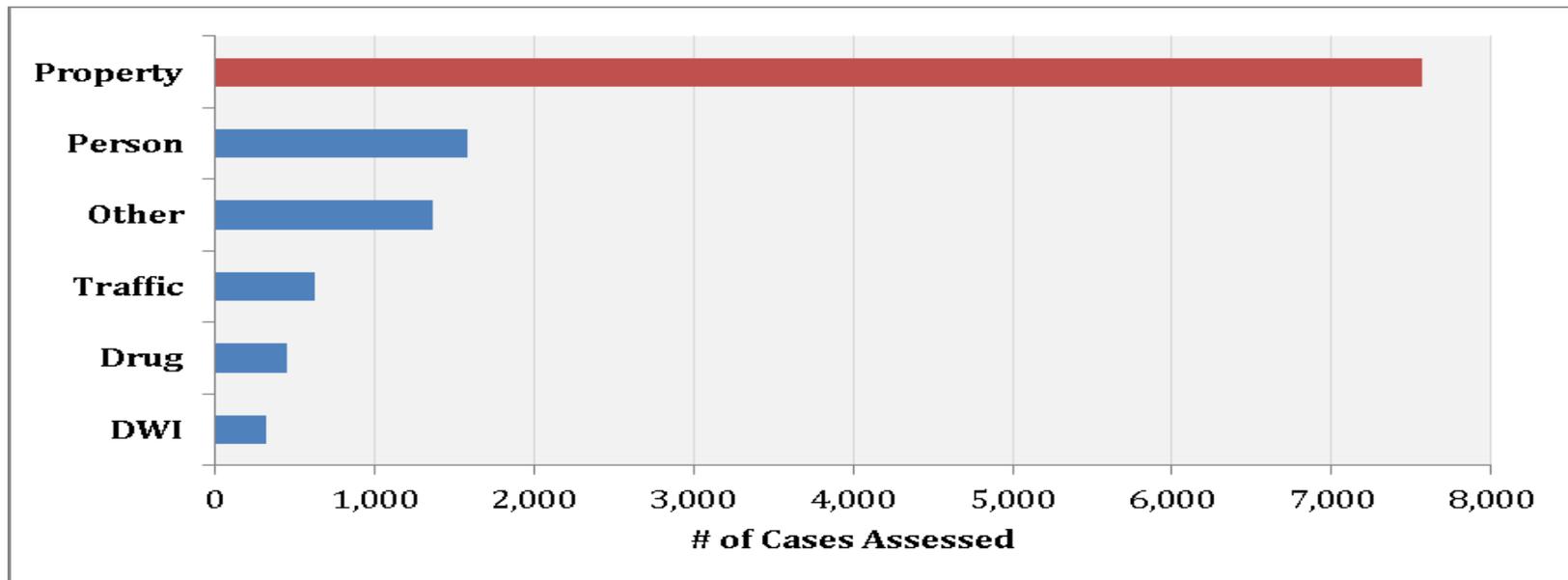
# Cohort 2010 Summary Statistics

Restitution Assessed	Cases	Per Case Avg.
\$24,988,398	11,910	\$2,098

District	Restitution Assessed	Cases	Per Case Avg.
1	\$5,757,068	1,907	<b>\$3,019</b>
3	\$2,853,555	1,409	\$2,025
5	\$1,720,741	1,022	\$1,684
6	\$1,484,790	792	\$1,875
7	\$2,881,159	1,897	\$1,519
8	\$957,733	547	\$1,751
9	\$3,092,401	1,925	\$1,606
10	\$6,240,951	2,411	<b>\$2,589</b>

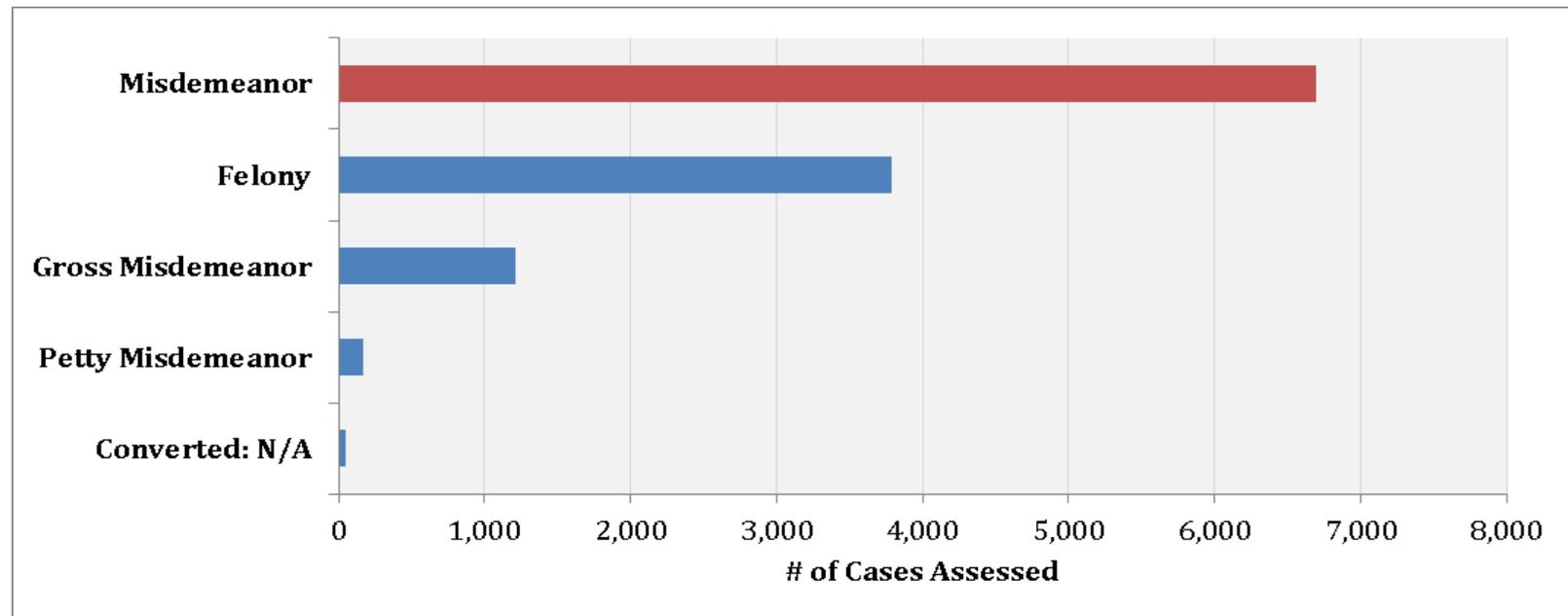
# Case Types

Case Type	Assessment Total	Cases	Per Case Avg
Property	\$14,282,546	<b>7,562</b>	\$1,887
Person	\$5,255,531	1,586	<b>\$3,307</b>
Other	\$2,594,865	1,361	\$1,907
Traffic	\$1,814,403	630	\$2,880
Drug	\$455,187	452	\$1,007
DWI	\$585,866	319	\$1,837

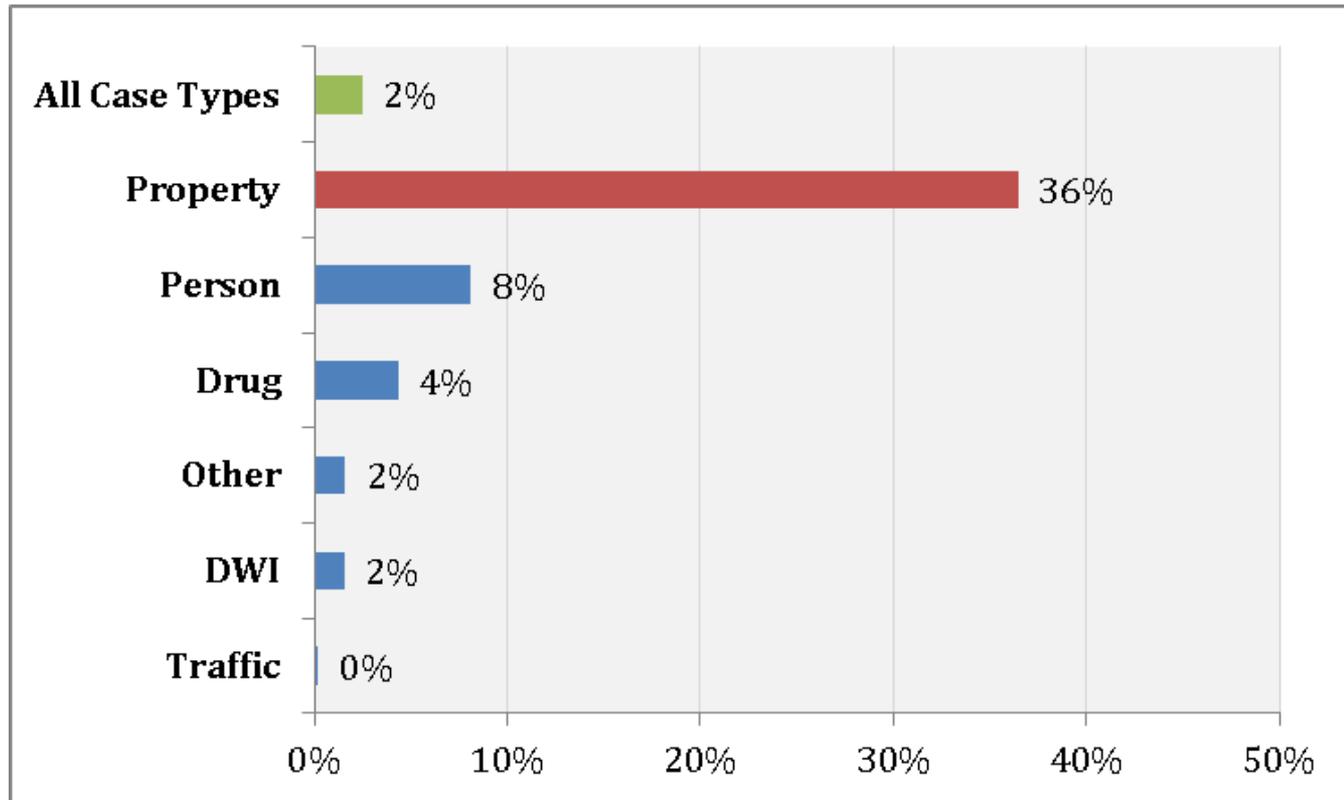


# Offense Levels

Offense Level	Assessment Total	Cases	Per Case Avg
Misdemeanor	\$2,870,663	6,691	\$429
Felony	<b>\$19,021,294</b>	3,789	<b>\$5,020</b>
Gross Misdemeanor	\$2,124,173	1,211	\$1,754
Petty Misdemeanor	\$942,736	171	<b>\$5,513</b>
Converted: N/A	\$29,532	48	\$615

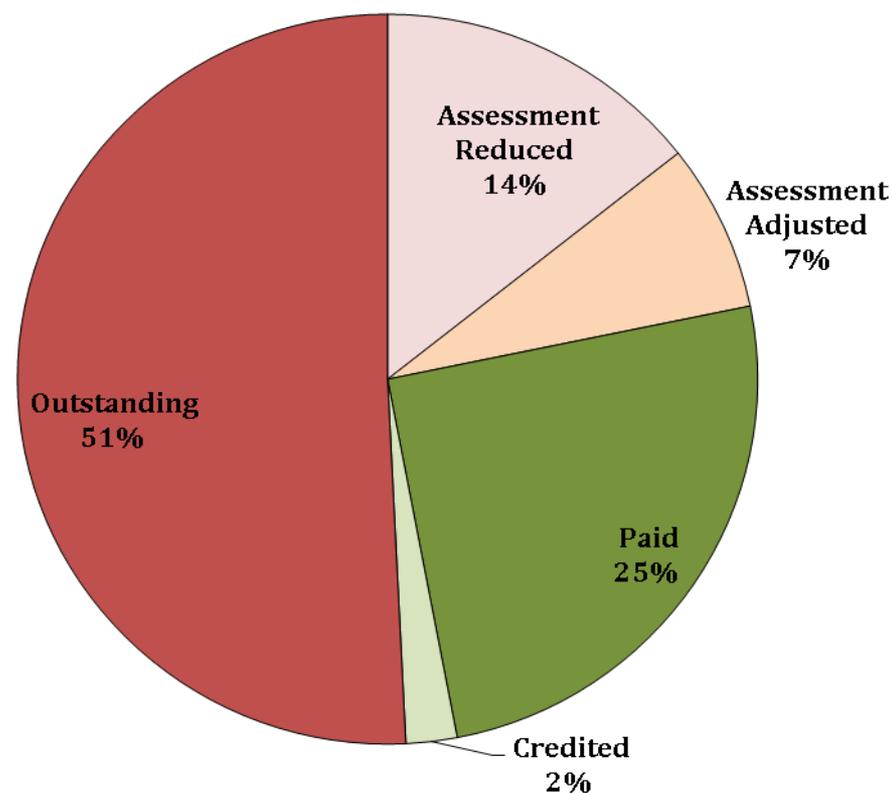


# Cases Disposed in 2010 with Restitution

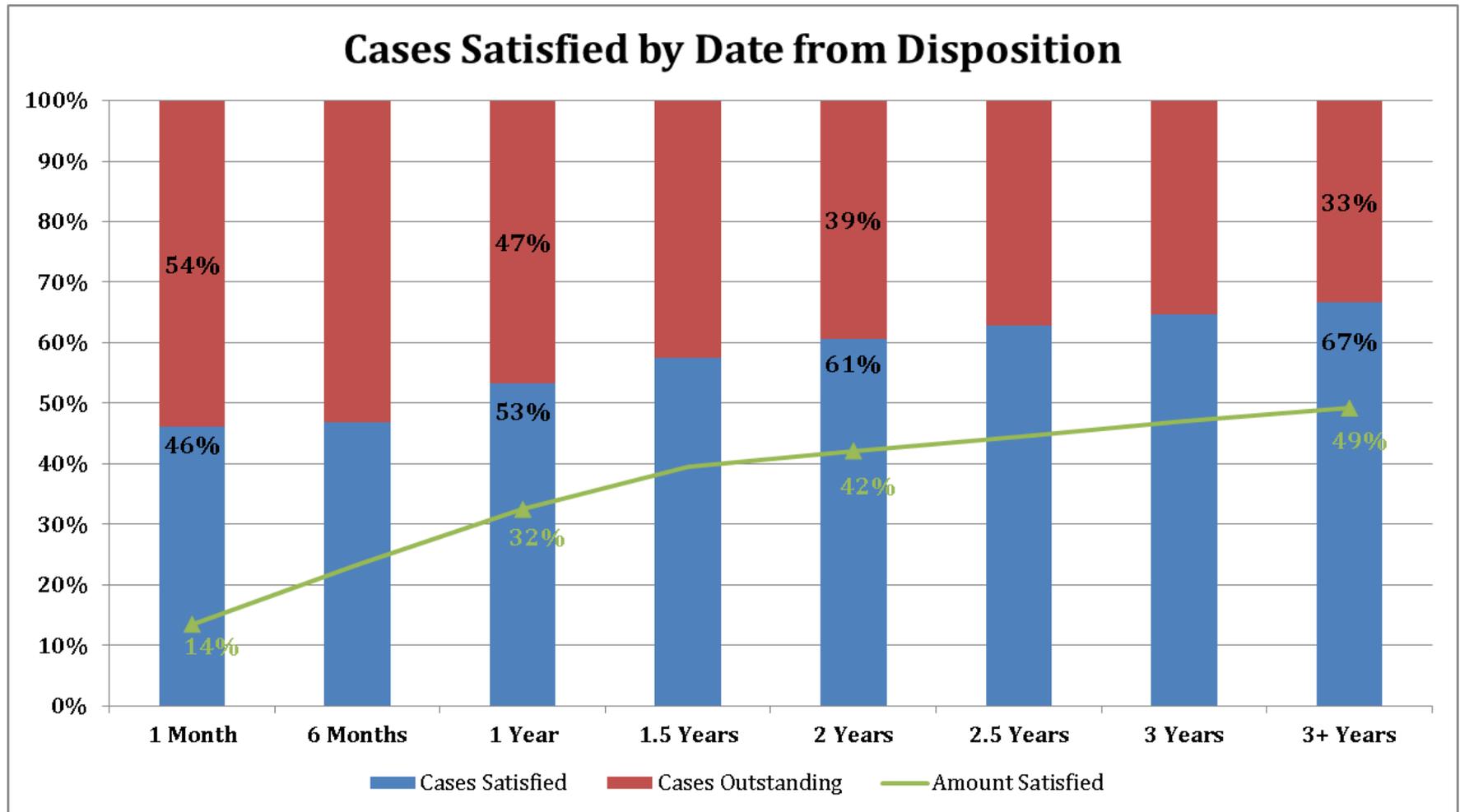


# Financial Outcomes: All Cases

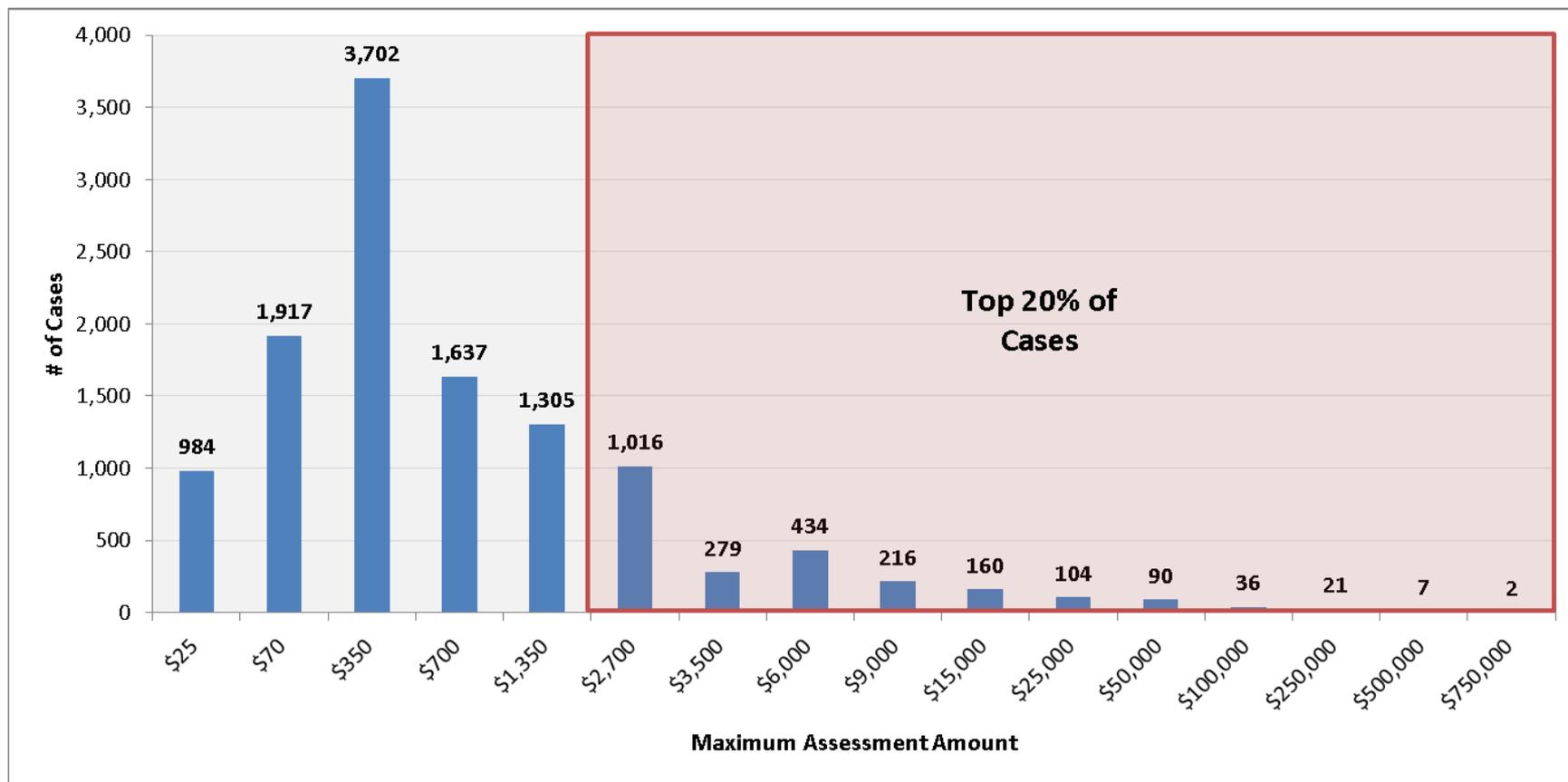
<b>Total Restitution Assessed</b>	<b>\$24,988,398</b>
% Reduced	14%
% Adjusted	7%
% Paid	25%
% Credited	2%
<b>Total Restitution Satisfied</b>	<b>49%</b>



# How Many Cases Satisfy Their Balances?



# Distribution of Restitution by Assessment Amount



# Distribution in Depth

Bottom 80% of Cases

<b>Mean</b>	\$296
<b>Median</b>	\$156
<b>Maximum</b>	\$1,332
<b>Sum</b>	\$2,824,287
<b>Count</b>	9,536

Top 20% of Cases

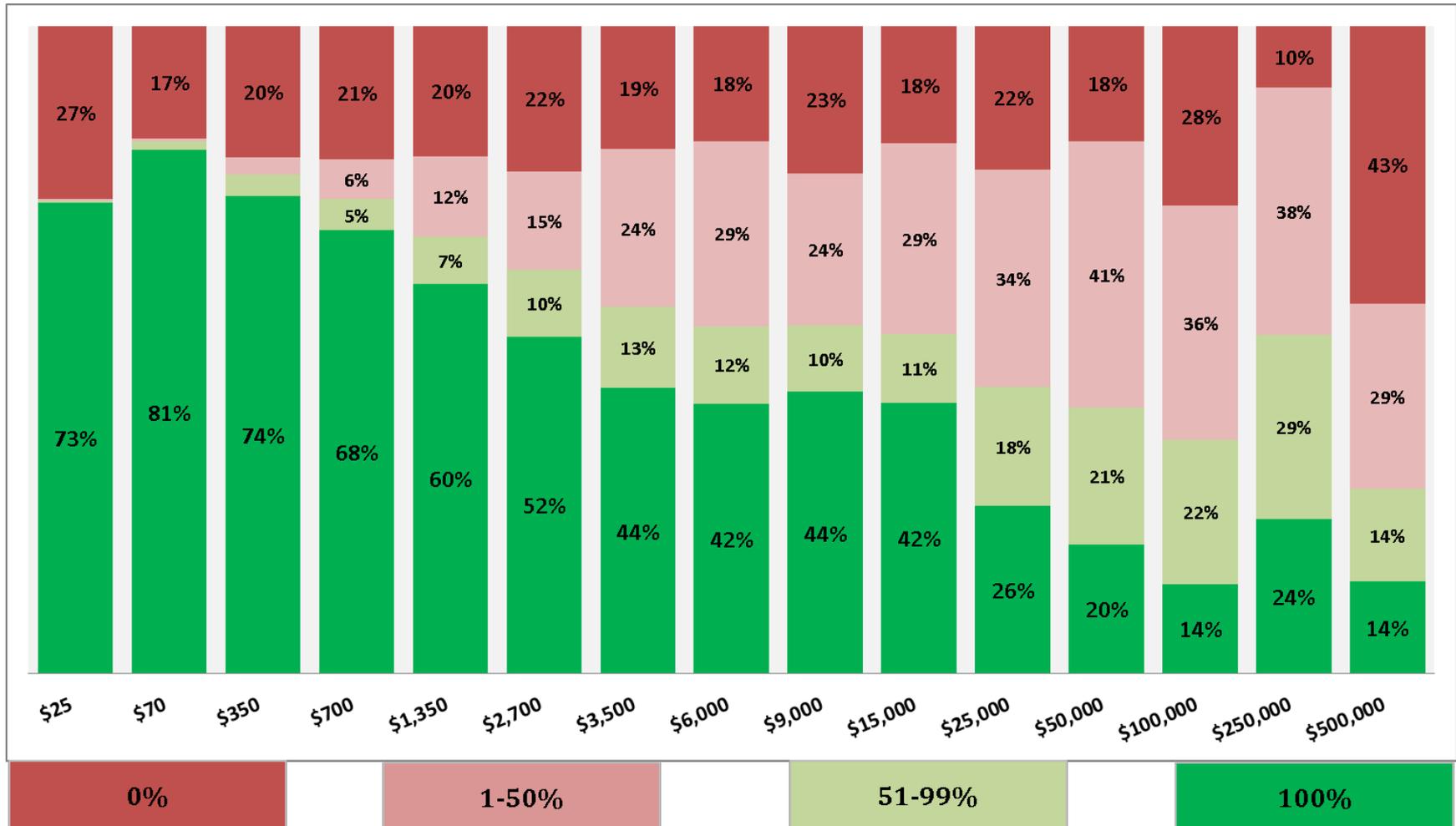
<b>Mean</b>	\$9,336
<b>Median</b>	\$3,093
<b>Maximum</b>	\$663,467
<b>Sum</b>	\$22,164,111
<b>Count</b>	2,374

## What are the Consequences of this Distribution?

Class	Assessment	% of Total	Satisfaction Rates	0%	1-50%	51-99%	100%
<b>Top 20%</b>	\$22,164,111	89%	<b>Top 20%</b>	21%	23%	12%	45%
<b>Bottom 80%</b>	\$2,824,287	11%	<b>Bottom 80%</b>	20%	4%	3%	72%

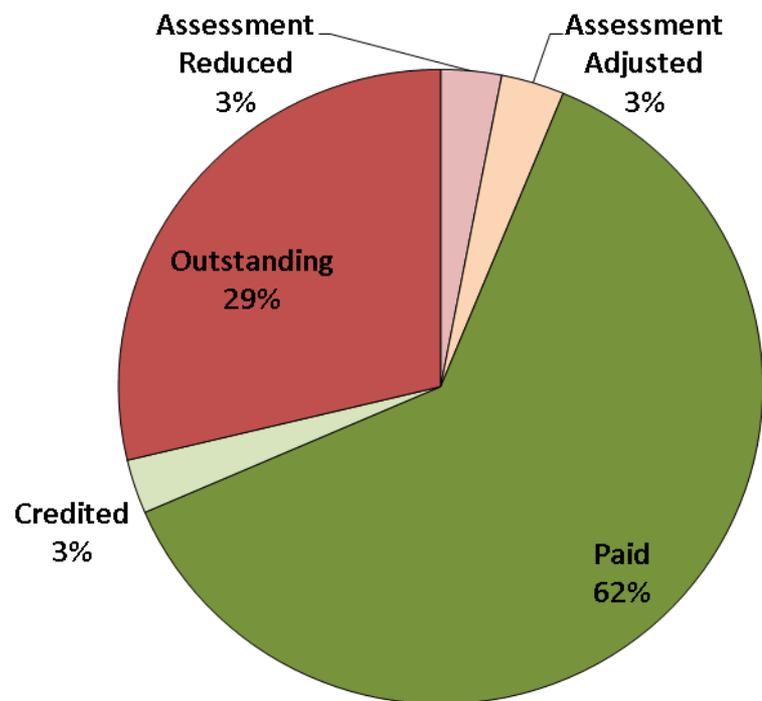
- Top 20% accounts for 89% of all Assessed Restitution
- 100% Satisfaction Rate is much higher for Bottom 80%
- Top 20% Has greater share of cases in the middle satisfaction rates
- Majority of cases in Top 20% still outstanding after 3+ Years
- Top 20% biases summary statistics if not separated

# Satisfaction Rates by Assessment Amount

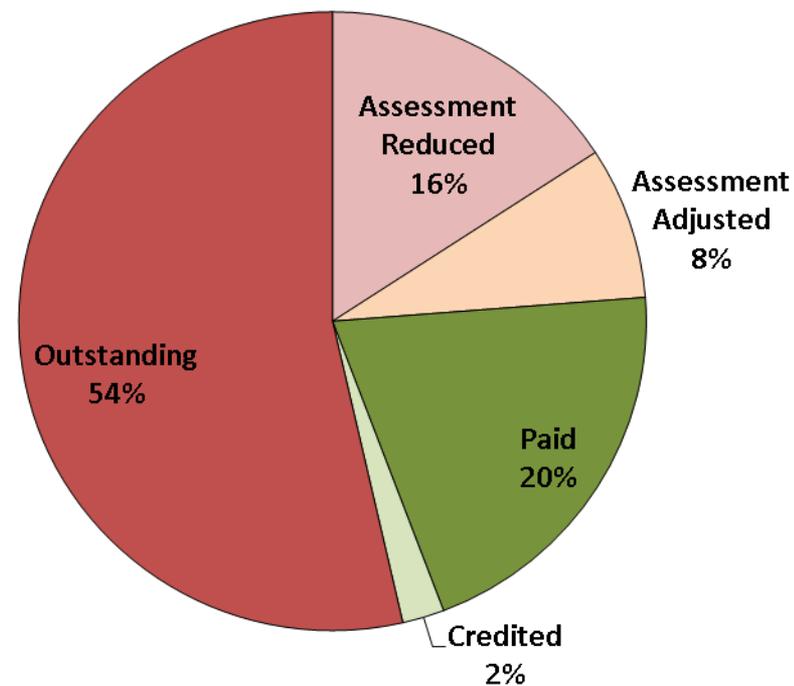


# Financial Outcomes by Distribution

## Bottom 80% of Cases

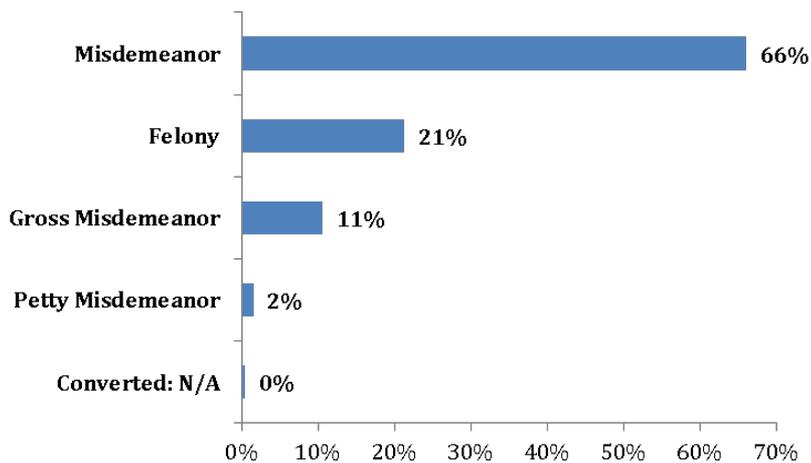
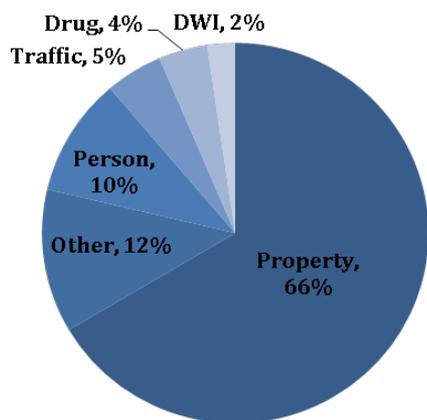


## Top 20% of Cases

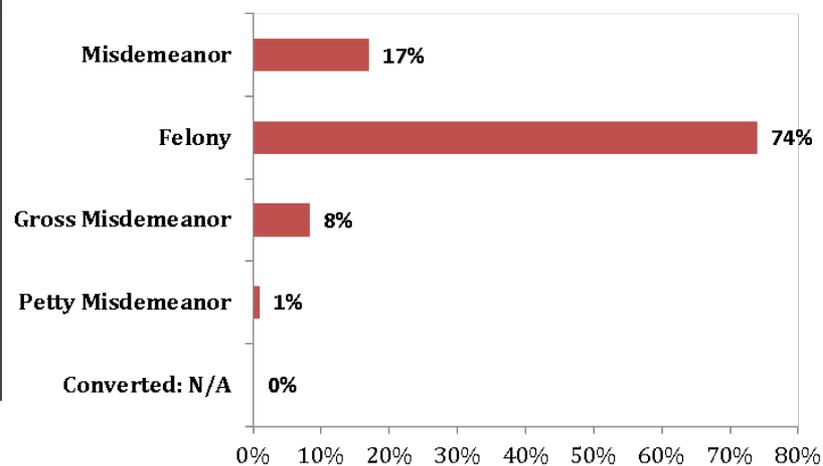
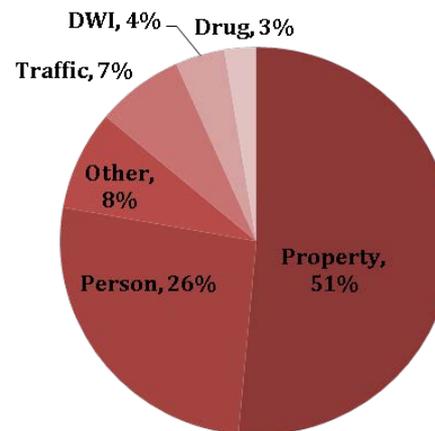


# Possible Explanations

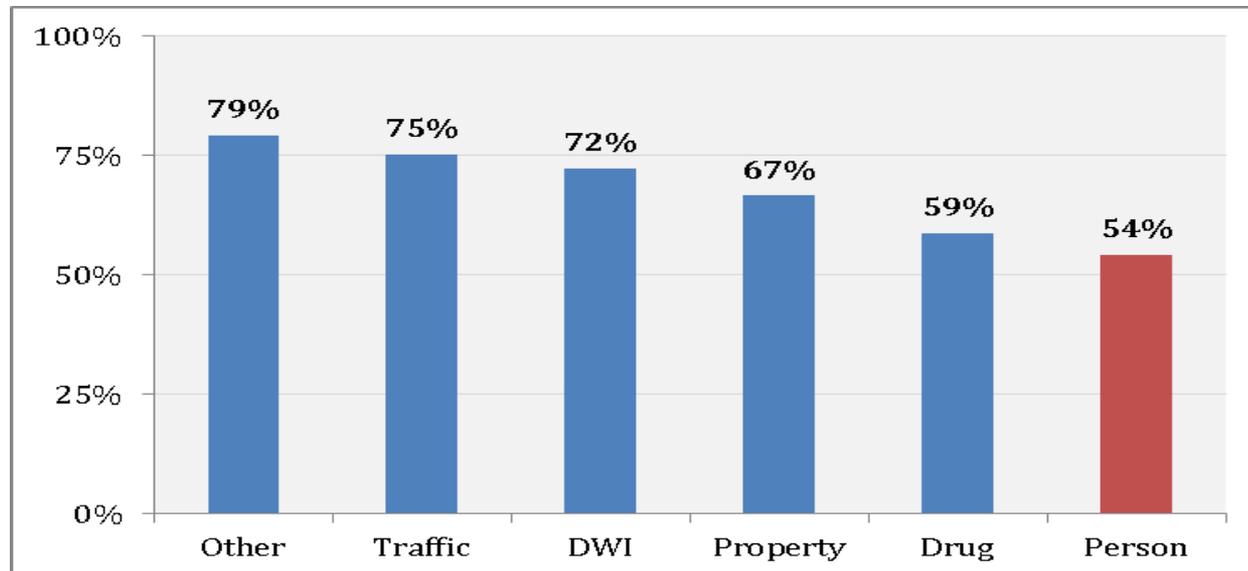
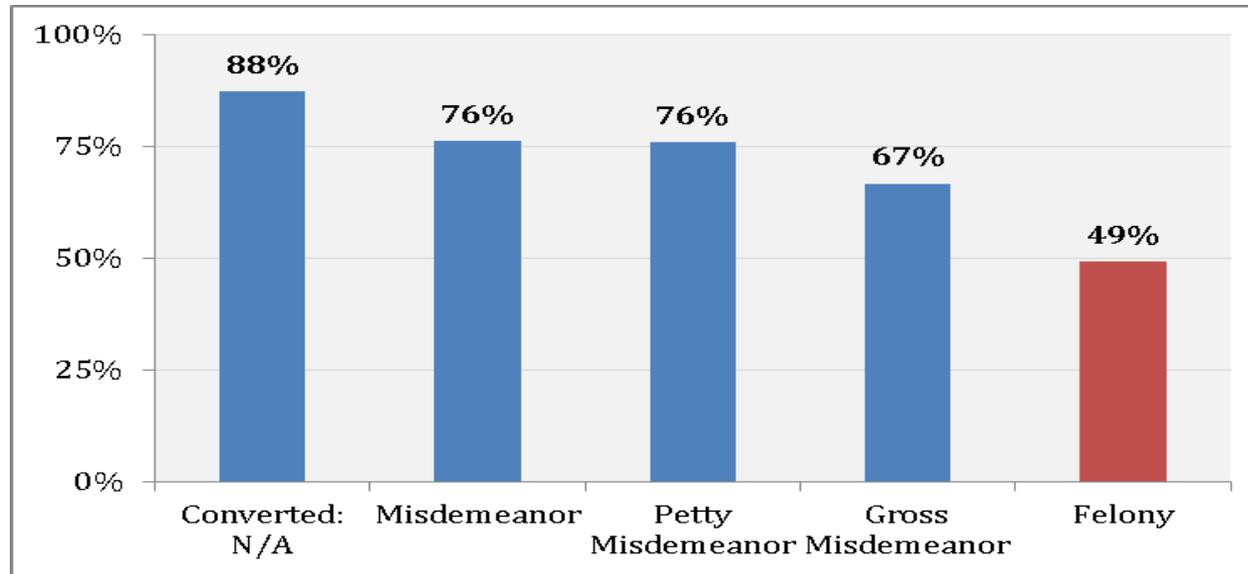
## Bottom 80% of Cases



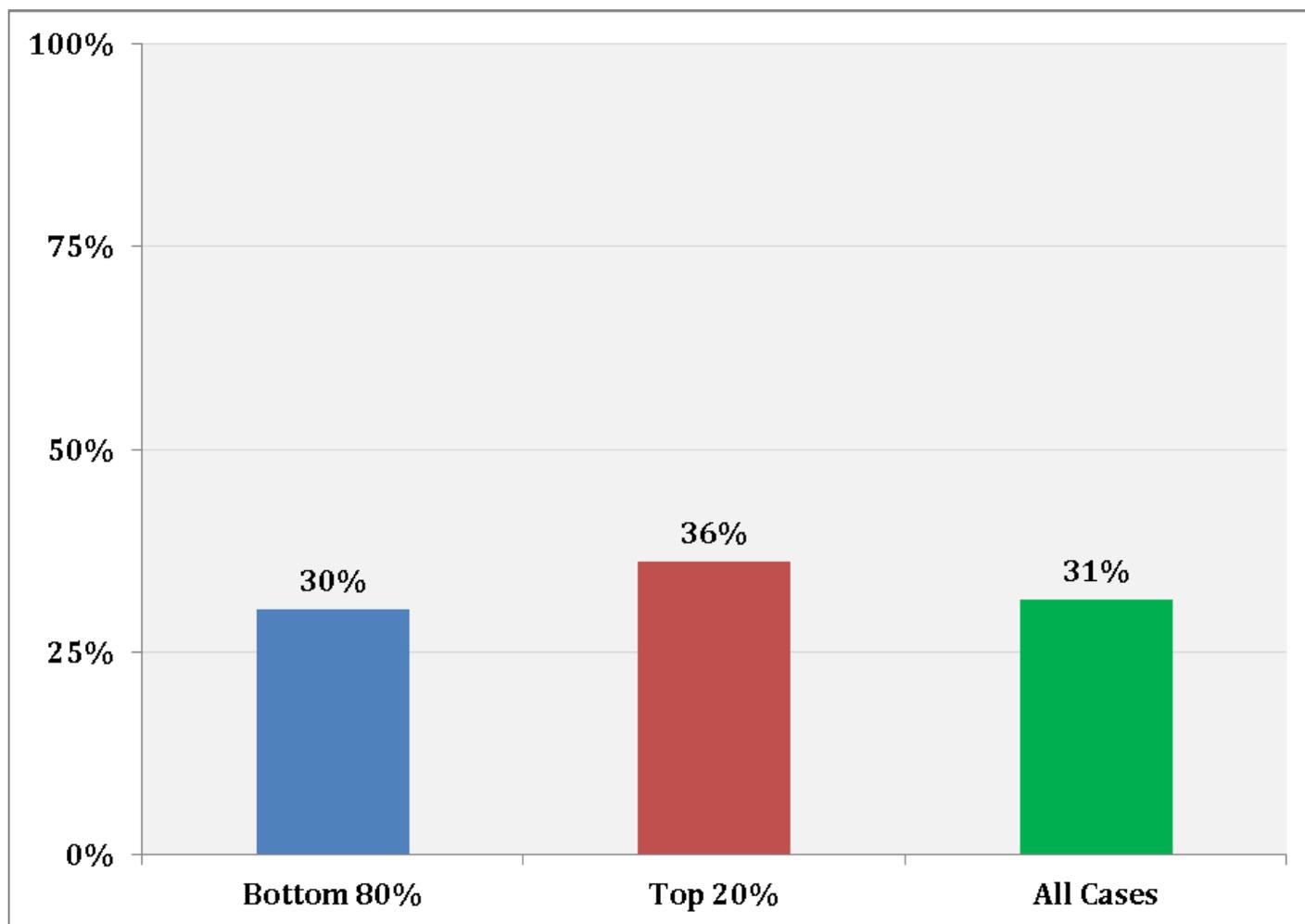
## Top 20% of Cases



# 100% Satisfied by Level and Case Type



# Proportion of Cases on Payment Plans



# Key Findings and Takeaways

- Summary statistics for the 2010 Cohort are biased by large amounts in a minority of cases
- Financial outcomes are significantly affected by case types, offense levels, and assessment amounts
- It may take more time to get a complete picture for the 2010 Cohort
- Payment plans and confinement are potential areas for future research