APPENDIX

	Total Crimes	Total (%)	LARCENY/THEFT	OTHER OFFENSES	NON-CRIMINAL	ASSAULT	DRUG/NARCOTIC	VANDALISM	VEHICLE THEFT	WARRANTS	BURGLARY	OTHER
Friday	106454	15.21%	21.12%	14.00%	10.80%	8.36%	5.43%	5.48%	5.08%	4.24%	4.64%	20.85%
Wednesday	102583	14.65%	19.68%	15.62%	10.34%	8.12%	7.07%	4.75%	4.42%	5.27%	4.14%	20.58%
Saturday	102299	14.61%	22.19%	13.49%	11.24%	9.50%	5.01%	5.85%	5.10%	4.00%	3.70%	19.91%
Tuesday	98896	14.13%	19.97%	15.07%	10.62%	8.23%	6.60%	4.93%	4.48%	4.83%	4.31%	20.97%
Thursday	98655	14.09%	20.43%	14.77%	10.67%	8.12%	6.59%	4.93%	4.68%	4.81%	4.25%	20.75%
Monday	96610	13.80%	20.13%	14.83%	10.82%	8.72%	6.32%	5.08%	4.63%	4.61%	4.20%	20.65%
Sunday	94503	13.50%	21.14%	13.56%	11.25%	10.44%	5.28%	5.81%	4.96%	4.38%	3.56%	19.62%
Total	700000	1										

Fig. 1 - Day of the Week for top categories: There is not a big difference of crimes occurence over the week

X/Y/PdDistrict/Category	Crimes
⊟ -122.4034048	3.16%
⊟ 37.77542071	3.16%
⊟ SOUTHERN	3.16%
LARCENY/THEFT	0.76%
NON-CRIMINAL	0.63%
OTHER OFFENSES	0.38%
⊟ -122.4196583	0.51%
⊟ 37.76422056	0.51%
⊟ MISSION	0.51%
DRUG/NARCOTIC	0.19%
OTHER OFFENSES	0.12%
WARRANTS	0.06%
⊟ -122.4065391	0.44%
⊟ 37.75648641	0.44%
⊟ MISSION	0.44%
NON-CRIMINAL	0.08%

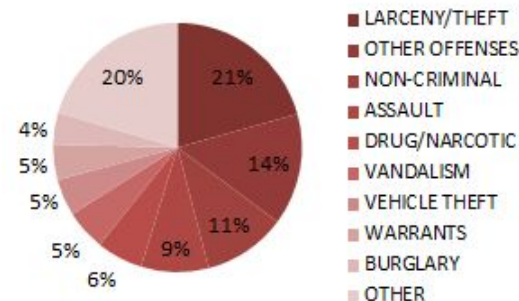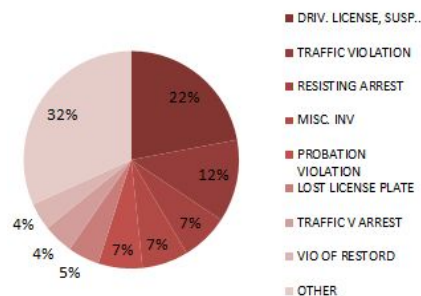**Fig. 2 - Relationship of crimes frequency and location showing a strong relationship of some categories in some areas**

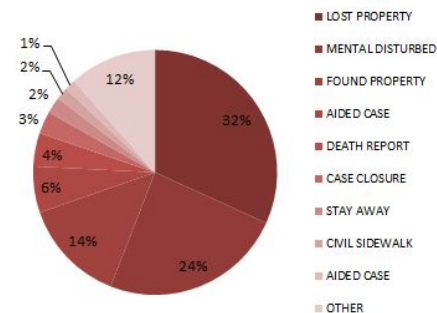**Fig. 3 - Top ten represents 80% of all crimes**

Fig. 4 - Other offenses mostly represents transit small crimes. Non-Criminal mostly represents found and lost properties.

Categorias\Região	SOUTHERN	MISSION	NORTHERN	CENTRAL	BAYVIEW	TENDERLOIN	INGLESIDE	TARAVAL	PARK	RICHMOND	Total Geral
LARCENY/THEFT	6.70%	2.86%	4.49%	4.02%	1.57%	1.56%	1.62%	1.85%	1.43%	1.57%	27.67%
ASSAULT	1.89%	1.74%	1.26%	1.08%	1.48%	1.21%	1.27%	0.82%	0.52%	0.47%	11.74%
DRUG/NARCOTIC	1.35%	1.23%	0.68%	0.27%	0.63%	2.73%	0.37%	0.24%	0.41%	0.16%	8.08%
VANDALISM	1.06%	0.83%	0.83%	0.72%	0.84%	0.26%	0.84%	0.76%	0.42%	0.49%	7.04%
VEHICLE THEFT	0.55%	0.86%	0.76%	0.51%	0.86%	0.11%	1.10%	0.70%	0.46%	0.48%	6.38%
WARRANTS	1.32%	0.96%	0.65%	0.40%	0.61%	1.10%	0.36%	0.23%	0.35%	0.15%	6.14%
BURGLARY	0.73%	0.55%	0.89%	0.67%	0.59%	0.23%	0.50%	0.53%	0.43%	0.40%	5.52%
SUSPICIOUS OCC	0.83%	0.60%	0.51%	0.46%	0.62%	0.41%	0.47%	0.46%	0.26%	0.35%	4.97%
MISSING PERSON	0.51%	0.52%	0.29%	0.21%	0.82%	0.13%	0.47%	0.53%	0.43%	0.19%	4.12%
ROBBERY	0.63%	0.58%	0.40%	0.32%	0.43%	0.35%	0.43%	0.22%	0.15%	0.12%	3.62%

Fig. 5 - Most dangerous areas and crimes categories. Southern is the leader for mostly crimes. Thenderlion has more drugs crimes and less vehicle theft.
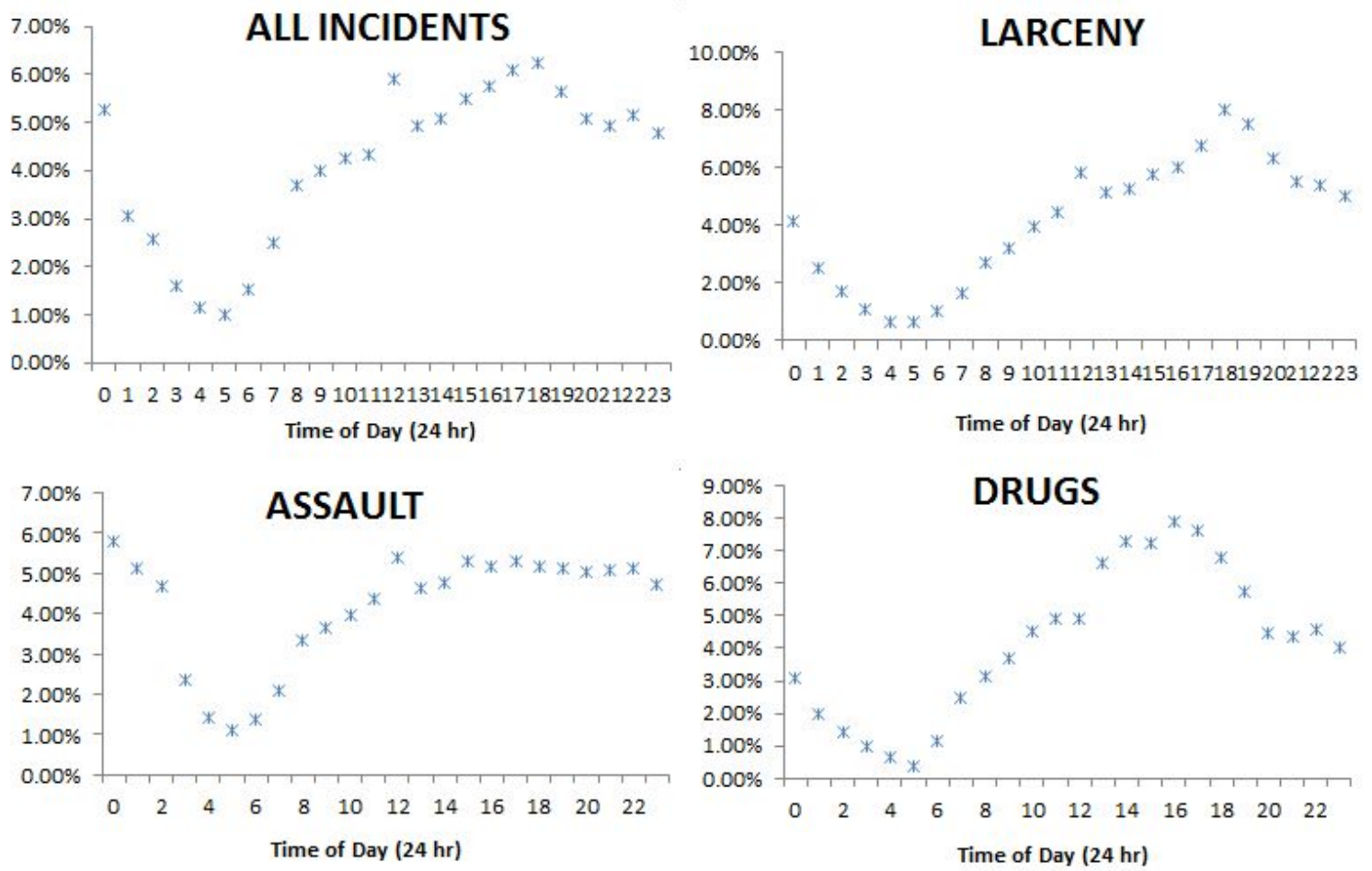
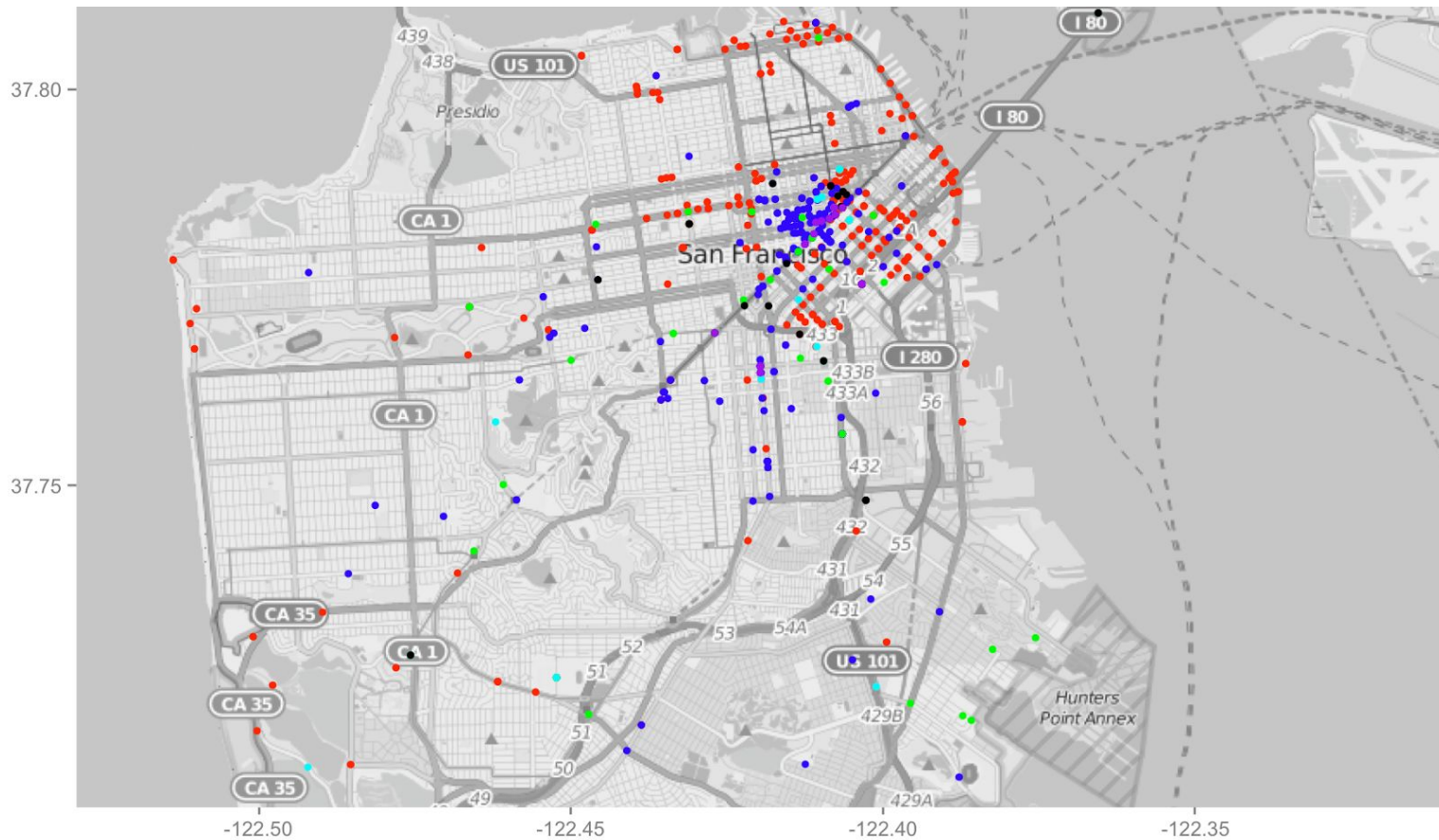**Fig. 6 - Hour analysis for the most common crimes**

Fig. 7 - Crimes with more than 150 incidents in the same address. Red: Larcenies, Blue: Assaults, Green: Vandalism, Cyan: Vehicle Thefts, Black: Bulglaries and Purple: Robberies [3].