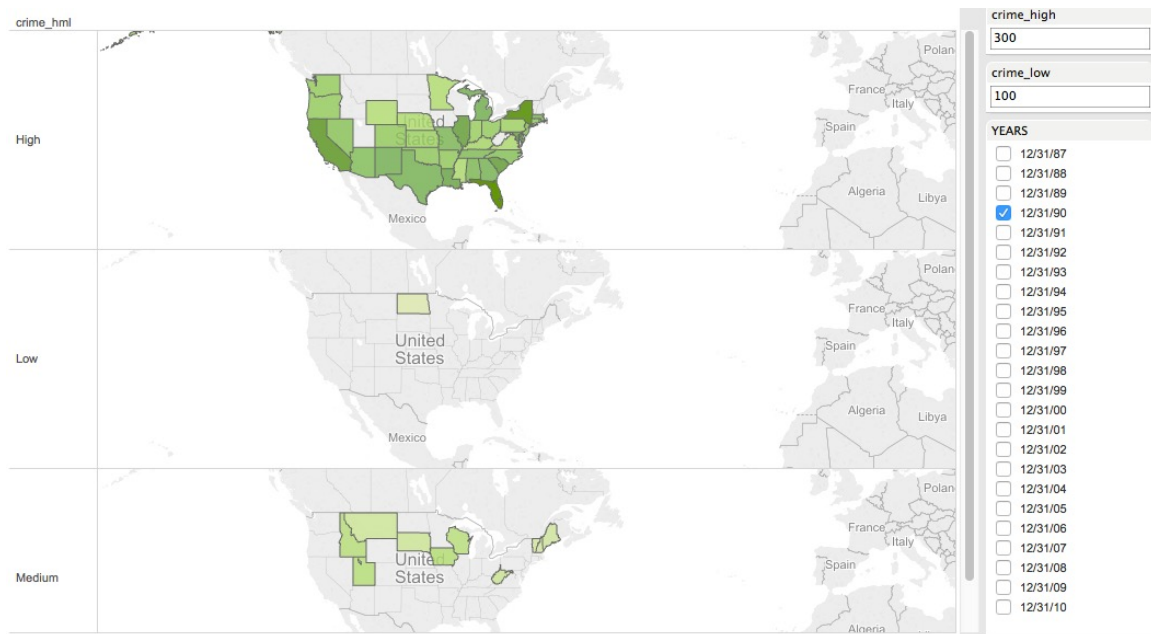


Crime Rates distribution as in 1960.

The only state that had high crime rate was IL.

Most of the northern states had relatively low crime rates, whereas the southern states had relative high crime rates.

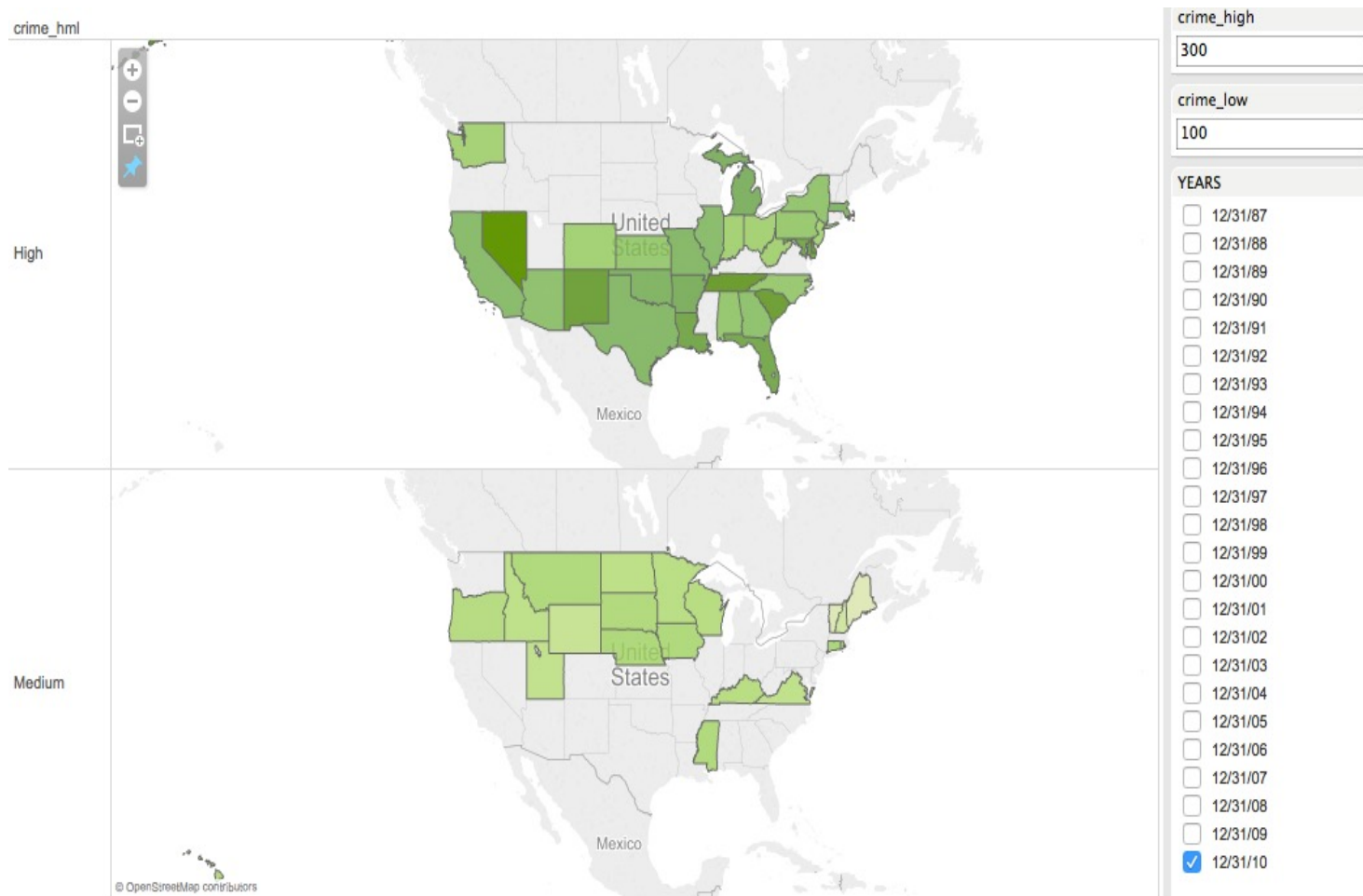


Crime Rates distribution as in 1990.

The only state that had low crime rate was ND.

The crime rates of most of the southern states and many northern states increased.

The southern states had relatively high crime rates comparing to the north.

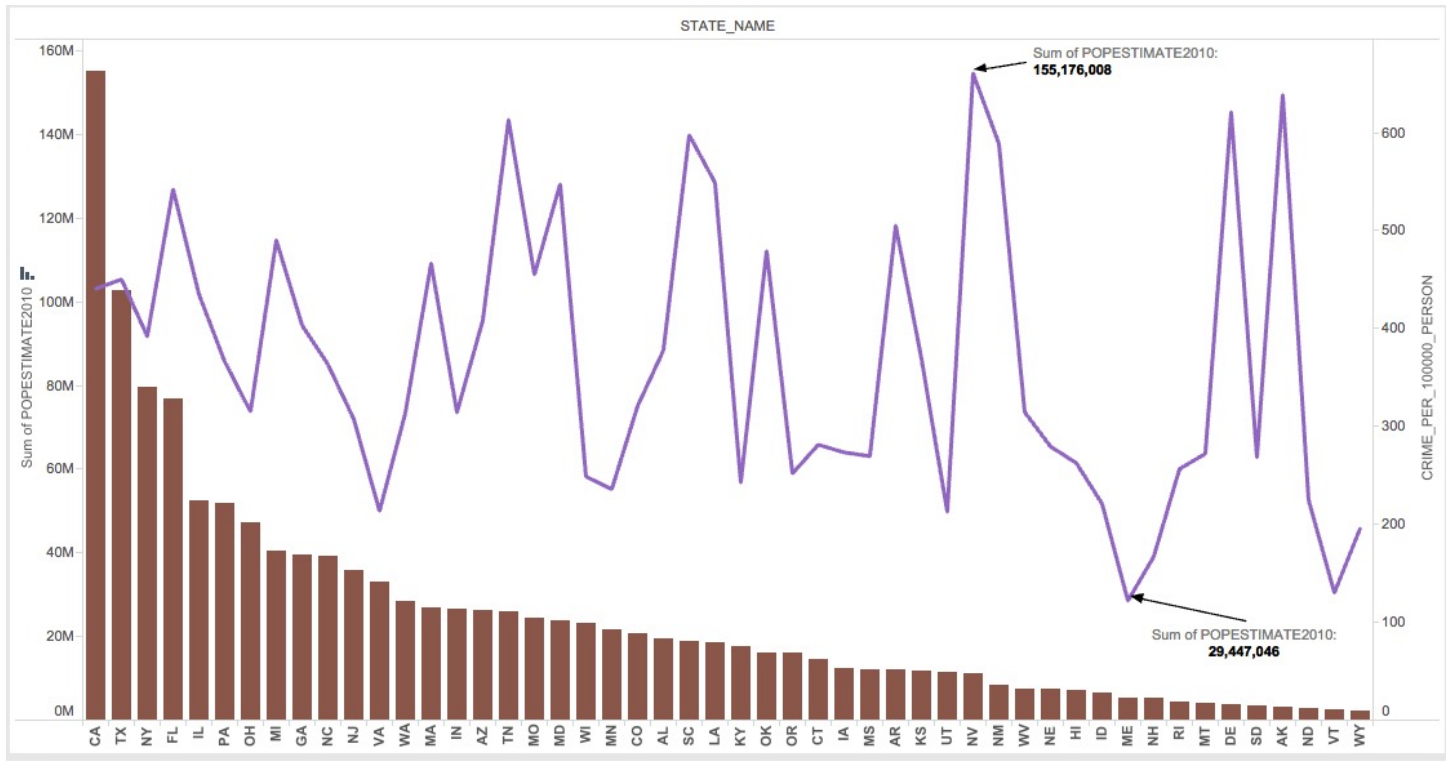


Crime Rates distribution as in 2010.

There was no low crime rate state.

All the southern states had become high crime rate states.

Most of the northern states had become low medium crime rate states.



Comparison between crime rates and population by each state.
We first thought that crime rate was proportional to the population in a state.
However, we found that is not true based on this plot.
There is no clear relationship between crime rate and population.

STATES	YEARS																		Grand T..
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Alabama	0.08%	0.07%	0.07%	0.06%	0.06%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.04%	0.05%	0.04%	0.05%	0.05%	0.05%	0.04%	2.32%
Alaska	0.08%	0.08%	0.08%	0.08%	0.07%	0.07%	0.07%	0.06%	0.06%	0.06%	0.06%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	2.61%
Arizona	0.08%	0.07%	0.07%	0.07%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	0.06%	0.05%	0.05%	0.04%	0.04%	2.62%
Arkansas	0.06%	0.06%	0.06%	0.06%	0.06%	0.05%	0.04%	0.05%	0.05%	0.04%	0.05%	0.05%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	1.99%
California	0.11%	0.11%	0.10%	0.09%	0.08%	0.07%	0.07%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	0.05%	3.48%
Colorado	0.06%	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	2.06%
Connecticut	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	1.60%
Delaware	0.07%	0.07%	0.08%	0.07%	0.08%	0.08%	0.08%	0.07%	0.06%	0.06%	0.07%	0.06%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	2.55%
Florida	0.13%	0.12%	0.11%	0.11%	0.11%	0.10%	0.09%	0.09%	0.08%	0.08%	0.08%	0.07%	0.07%	0.08%	0.08%	0.07%	0.06%	0.06%	4.00%
Georgia	0.08%	0.07%	0.07%	0.07%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.04%	0.04%	2.46%
Hawaii	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.02%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	1.13%
Idaho	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.02%	1.11%
Illinois	0.10%	0.10%	0.10%	0.09%	0.09%	0.08%	0.07%	0.07%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.05%	0.05%	3.44%
Indiana	0.05%	0.06%	0.06%	0.06%	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%	0.04%	0.04%	0.04%	0.03%	1.70%
Iowa	0.03%	0.03%	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	1.05%
Kansas	0.05%	0.05%	0.04%	0.04%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%	0.04%	0.04%	0.04%	1.70%
Kentucky	0.05%	0.05%	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	1.42%
Louisiana	0.11%	0.10%	0.11%	0.10%	0.09%	0.08%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%	0.06%	0.08%	0.08%	0.07%	0.07%	0.06%	3.19%
Maine	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.66%
Maryland	0.10%	0.10%	0.10%	0.10%	0.09%	0.08%	0.08%	0.08%	0.08%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.06%	0.06%	3.67%
Massachuse..	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%	0.06%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	2.38%
Michigan	0.08%	0.08%	0.07%	0.07%	0.06%	0.07%	0.06%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	0.06%	0.06%	0.05%	0.05%	0.05%	3.06%
Minnesota	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.02%	1.21%
Mississippi	0.05%	0.05%	0.05%	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	1.57%
Missouri	0.08%	0.08%	0.07%	0.06%	0.06%	0.06%	0.05%	0.05%	0.06%	0.06%	0.05%	0.05%	0.06%	0.06%	0.06%	0.05%	0.05%	0.05%	2.56%
Montana	0.02%	0.02%	0.02%	0.02%	0.01%	0.02%	0.02%	0.03%	0.04%	0.04%	0.04%	0.03%	0.03%	0.04%	0.04%	0.03%	0.03%	0.03%	1.02%

Specific Crime rates for each state in each year (from 1993 to 2010).

Columns

Violent

Property

Murder

Forcible Rape

Robbery

Aggr Assault

Burglary

Larceny Theft

Vehi

Rows

Violent

Property

Murder

Forcible Rape

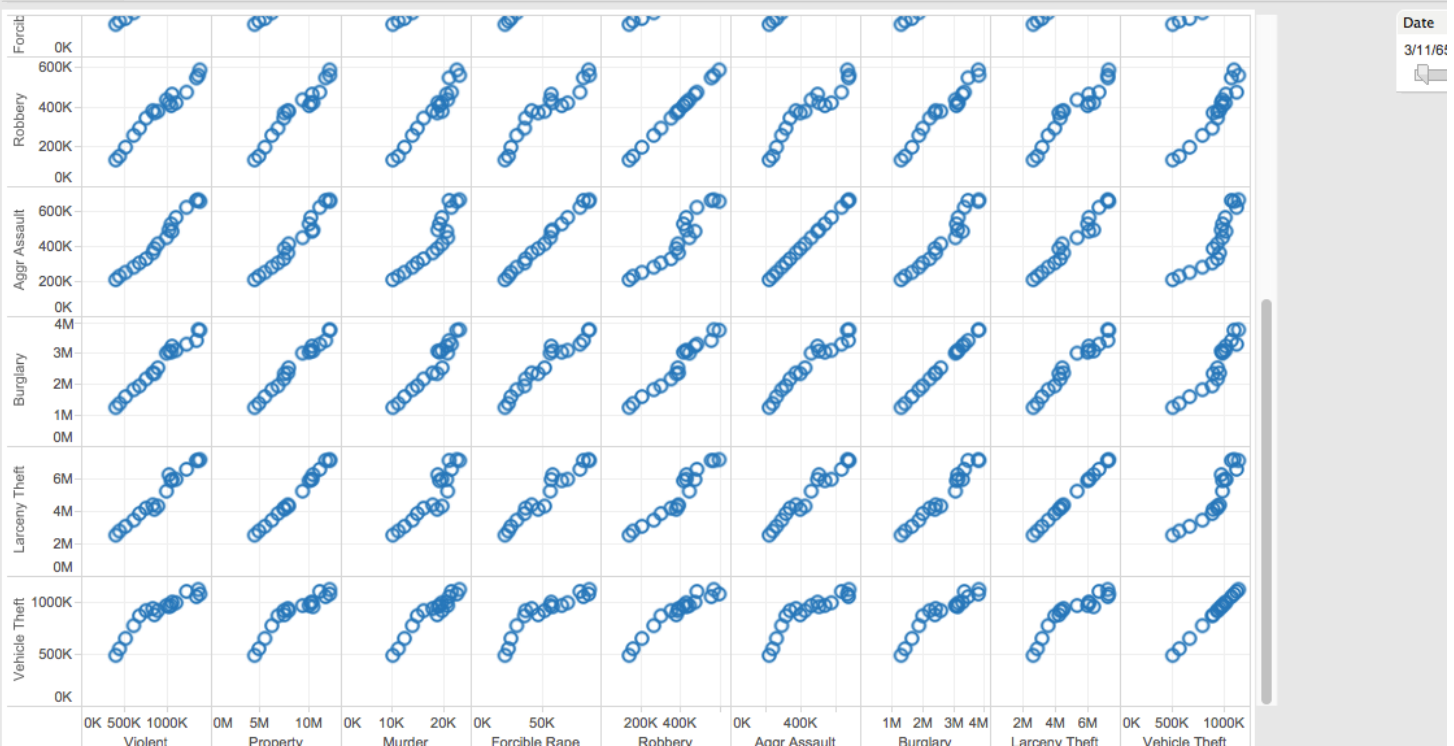
Robbery

Aggr Assault

Burglary

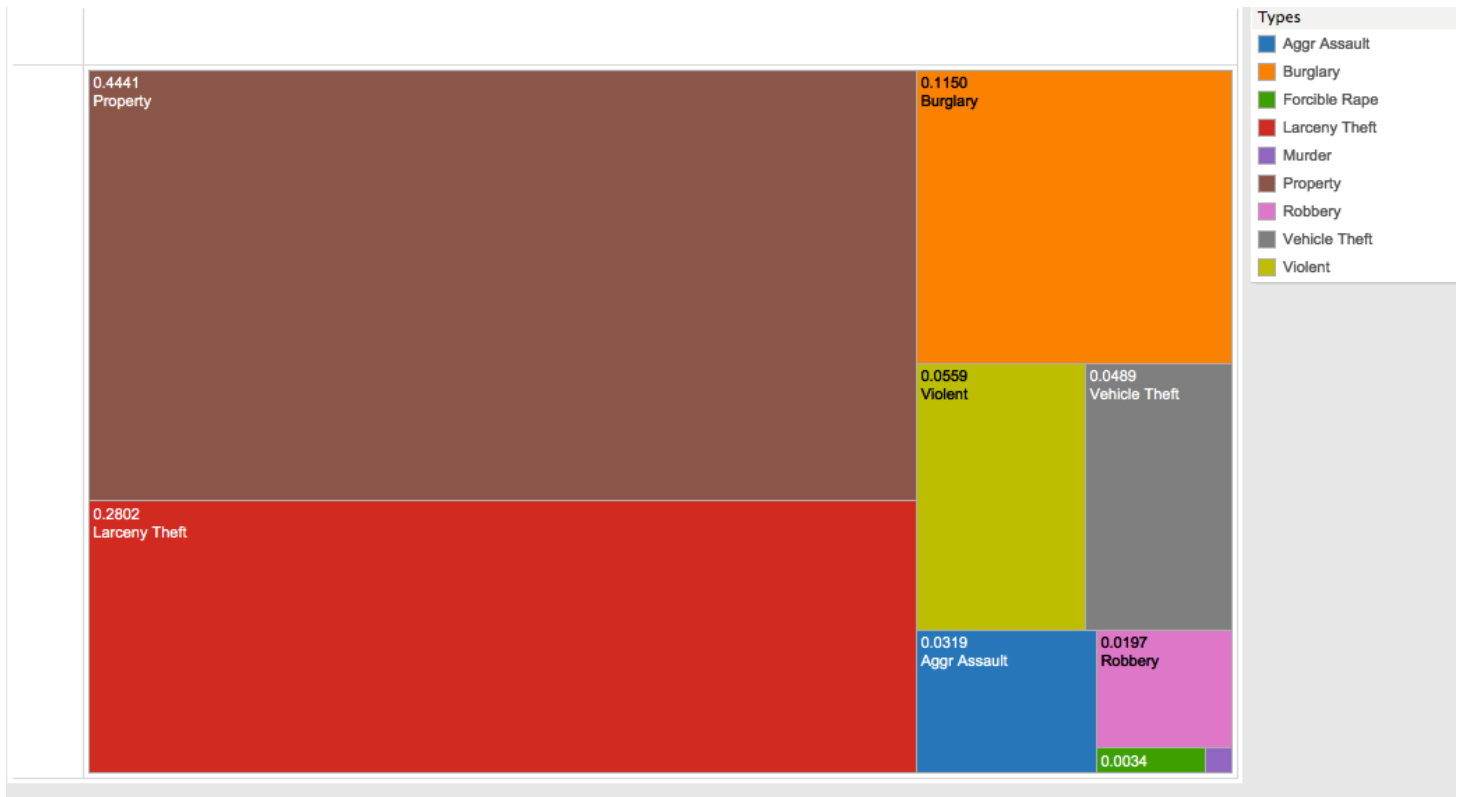
Larceny Theft

Vehi



Types	Date																		
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Aggr Assault	3.98%	3.96%	3.84%	3.88%	3.91%	3.92%	3.93%	3.83%	3.75%	3.63%	3.63%	3.73%	3.78%	3.80%	3.77%	3.81%	3.77%	3.67%	3.73%
Burglary	9.70%	9.36%	9.29%	9.32%	9.34%	9.03%	8.83%	8.91%	9.05%	9.11%	9.18%	9.32%	9.58%	9.67%	9.98%	10.33%	10.46%	10.65%	10.32%
Forcible Rape	0.37%	0.35%	0.36%	0.36%	0.37%	0.38%	0.39%	0.38%	0.40%	0.40%	0.41%	0.41%	0.41%	0.40%	0.41%	0.42%	0.41%	0.41%	0.41%
Larceny Theft	28.16%	28.85%	29.29%	29.35%	29.55%	29.89%	30.03%	29.86%	29.71%	29.71%	29.70%	29.33%	28.97%	29.19%	29.51%	29.72%	29.93%	29.98%	30.18%
Murder	0.08%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%
Property	43.36%	43.51%	43.74%	43.80%	43.86%	43.87%	43.86%	43.94%	44.01%	44.15%	44.18%	43.99%	43.78%	43.75%	43.75%	43.78%	43.96%	44.12%	44.04%
Robbery	2.21%	2.09%	1.98%	1.89%	1.79%	1.76%	1.76%	1.78%	1.77%	1.75%	1.72%	1.80%	1.96%	1.98%	1.99%	1.92%	1.78%	1.73%	1.74%
Vehicle Theft	5.50%	5.31%	5.17%	5.13%	4.97%	4.95%	5.00%	5.17%	5.25%	5.33%	5.30%	5.34%	5.23%	4.87%	4.29%	3.73%	3.57%	3.49%	3.54%
Violent	6.64%	6.49%	6.26%	6.20%	6.14%	6.13%	6.14%	6.06%	5.99%	5.85%	5.82%	6.01%	6.22%	6.26%	6.24%	6.22%	6.04%	5.88%	5.96%
Grand Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Crime Rates for different crime types from 1994 to 2012
Property crime is the highest rate comparing to others.



The tree plot shows that provide a better look of the percentages of different crime types. Property crime is the highest rate comparing to others. Murder has the lowest rate.

Pages

Filters

Marks

Columns

YEAR(YEARS)

Rows

DESCRIPTION

CRIME_TYPE (TYPESS)

Abc Aut...

Abc 123

Color

Size

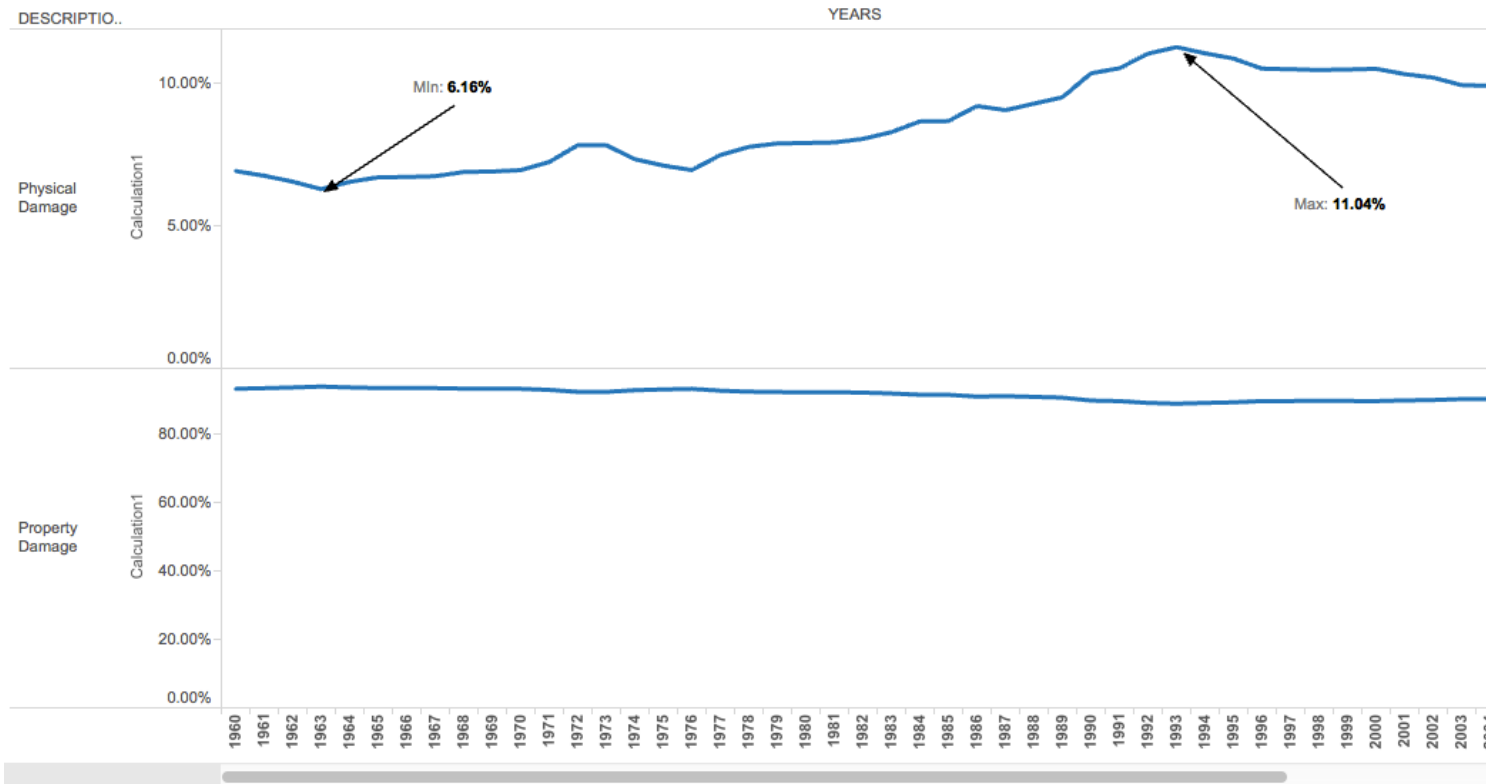
Text

Detail

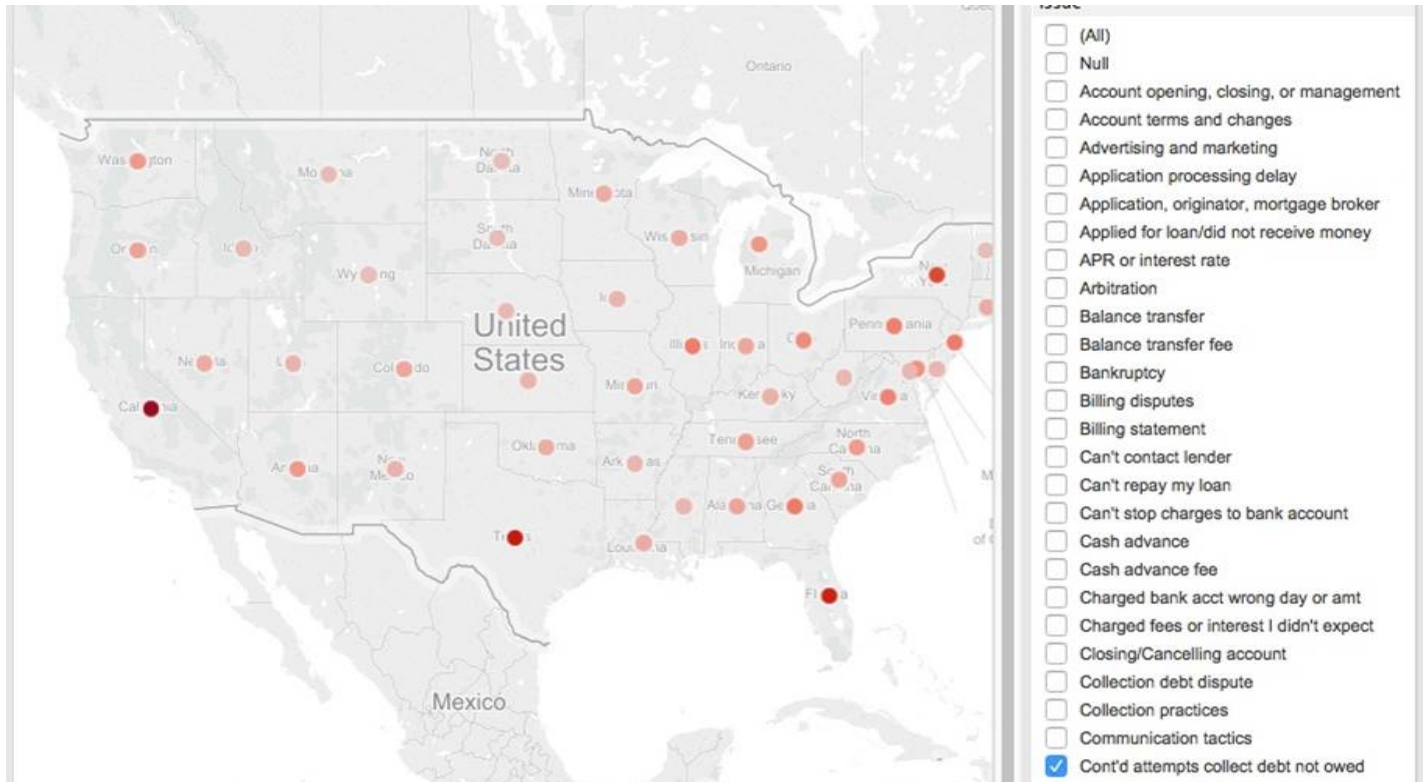
Tooltip

		YEARS															
DESCRIPTION	CRIME_TYP.. 17	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Physical Damage	Aggr Assault	%	3.91%	3.92%	3.93%	3.83%	3.75%	3.63%	3.63%	3.73%	3.78%	3.80%	3.77%	3.81%	3.77%	3.67%	3.73%
	Forcible Rape	%	0.37%	0.38%	0.39%	0.38%	0.40%	0.40%	0.41%	0.41%	0.41%	0.40%	0.41%	0.42%	0.41%	0.41%	0.41%
	Murder	%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%
	Violent	%	6.14%	6.13%	6.14%	6.06%	5.99%	5.85%	5.82%	6.01%	6.22%	6.26%	6.24%	6.22%	6.04%	5.88%	5.96%
Property Damage	Burglary	%	9.34%	9.03%	8.83%	8.91%	9.05%	9.11%	9.18%	9.32%	9.58%	9.67%	9.98%	10.33%	10.46%	10.65%	10.32%
	Larceny Theft	%	29.55%	29.89%	30.03%	29.86%	29.71%	29.71%	29.70%	29.33%	28.97%	29.19%	29.51%	29.72%	29.93%	29.98%	30.18%
	Property	%	43.86%	43.87%	43.86%	43.94%	44.01%	44.15%	44.18%	43.99%	43.78%	43.75%	43.75%	43.78%	43.96%	44.12%	44.04%
	Robbery	%	1.79%	1.76%	1.76%	1.78%	1.77%	1.75%	1.72%	1.80%	1.96%	1.98%	1.99%	1.92%	1.78%	1.73%	1.74%
	Vehicle Theft	%	4.97%	4.95%	5.00%	5.17%	5.25%	5.33%	5.30%	5.34%	5.23%	4.87%	4.29%	3.73%	3.57%	3.49%	3.54%
Grand Total		%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Split crime types into two categories physical damage and property damage. Physical damage consists of aggressive assault, forcible rape, murder, and violent. Property damage consists of burglary, larceny theft, property, robbery, and vehicle theft.

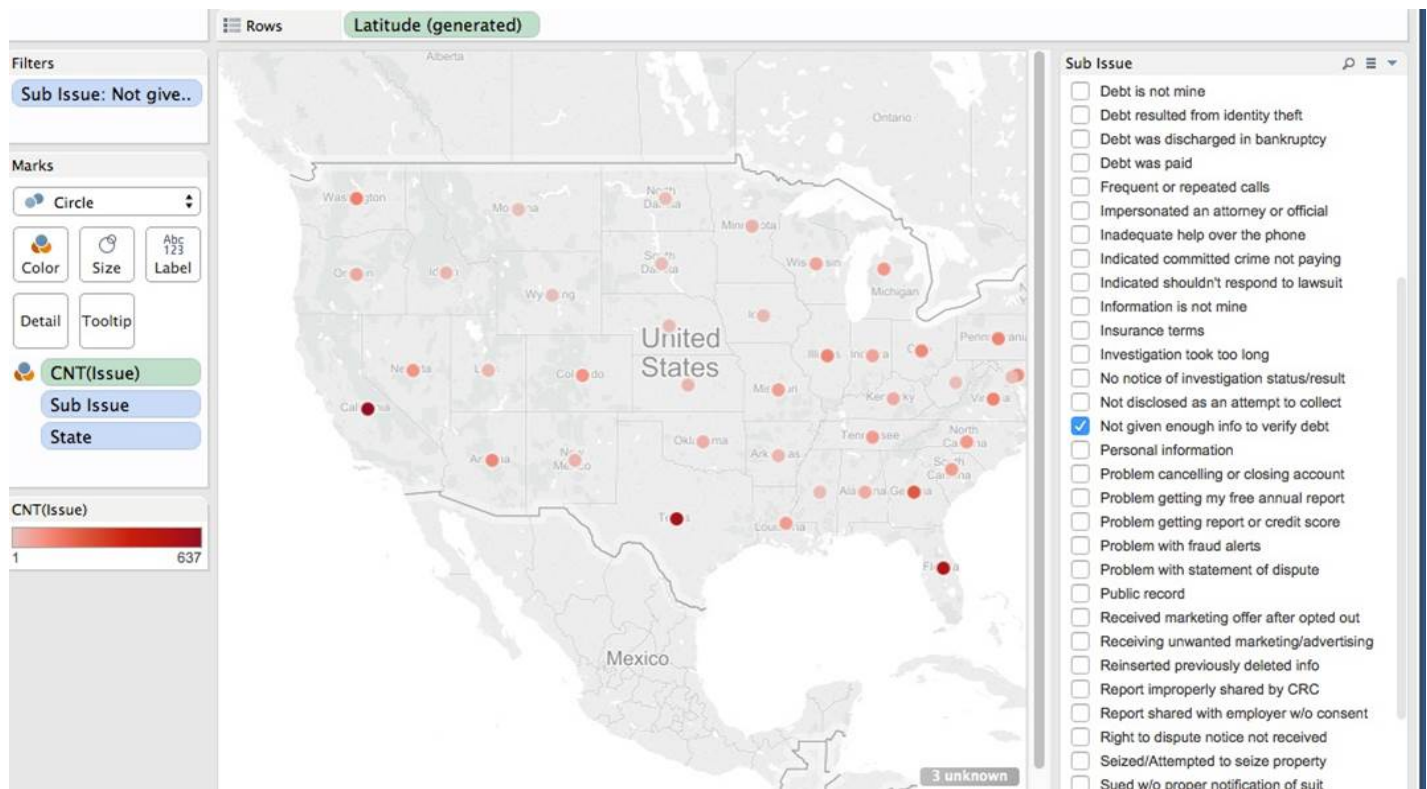


This graph shows the trends for physical damage and property damage caused by different types of crimes. The physical damage was increased from 1960 to 1994. After 1994, it was decreased. Property damage stayed in a high percentage level.



Banks that have disputable debts are more likely located in CA.

When we use a filter on "Issue" and only select "Cont'd attempts collect debt not owed", the map shows that CA has the highest number of issues.



Banks that have communication issues are more likely located in CA.
When we use a filter on “Issue” and only select “Not given enough information to verify debt”, the map shows that CA has the highest number of that issues.