

# An Analysis of Gun Violence in the US

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# Data

- FBI Crime Report 2010-2016
  - Robberies and other violent crimes (city and state)
- ATF Firearms Trace Data 2016
  - Recovered and sourced firearms
- Statetable.com
  - State abbreviations for plotly

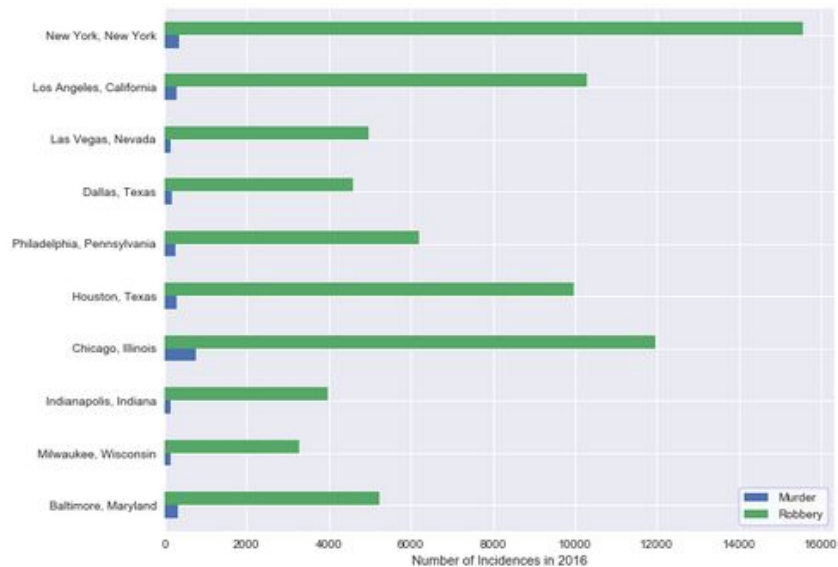


# Top Robbery Cities (2016)

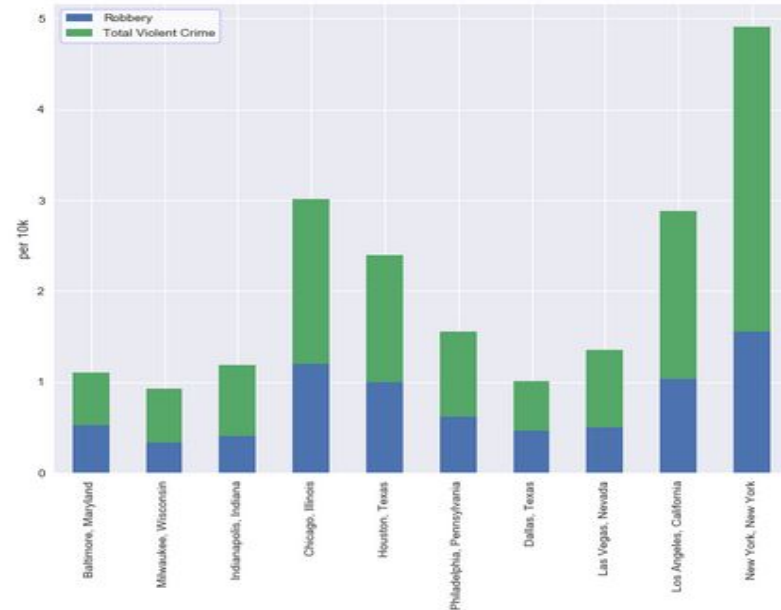
	City	State	Robbery	Murder	Violent Crime	Robbery Per Capita
1	Baltimore	Maryland	5236	318	11010	0.0085
2	Milwaukee	Wisconsin	3283	141	9201	0.0055
3	Indianapolis	Indiana	3976	148	11907	0.0046
4	Chicago	Illinois	11957	765	30126	0.0044
5	Houston	Texas	9962	301	23960	0.0043
6	Philadelphia	Pennsylvania	6199	273	15534	0.0039
7	Dallas	Texas	4604	171	10071	0.0035
8	Las Vegas	Nevada	4974	158	13520	0.0031
9	Los Angeles	California	10307	293	28817	0.0026
10	New York	New York	15544	335	49124	0.0018

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## Compare Robbery and Murder

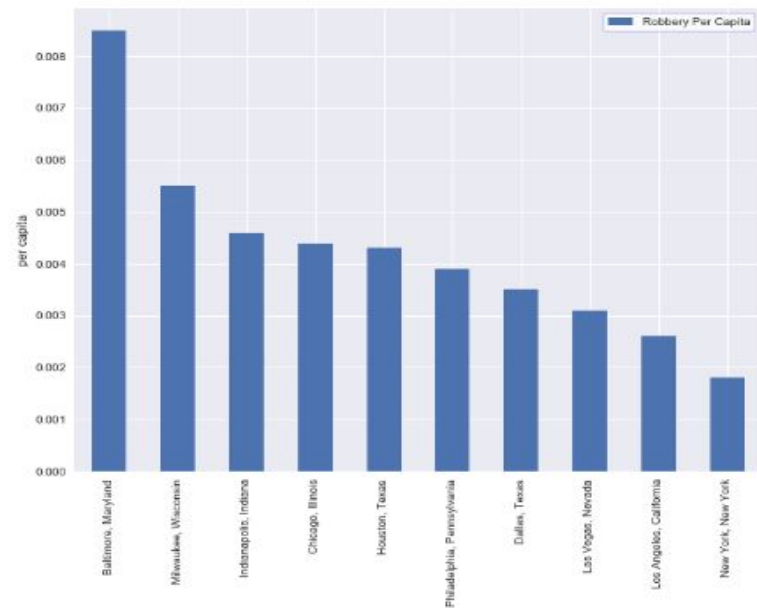


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# Compare Total Violent Crimes to Robbery

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# Compare Robbery Per Capita

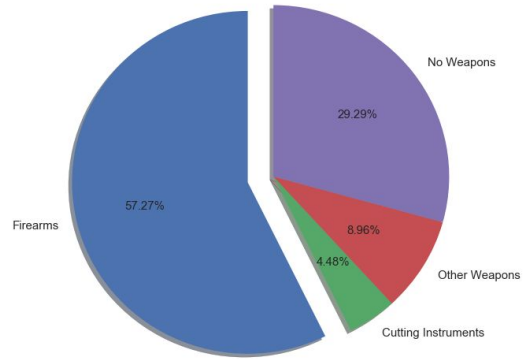
# Robbery by Firearms (2016)



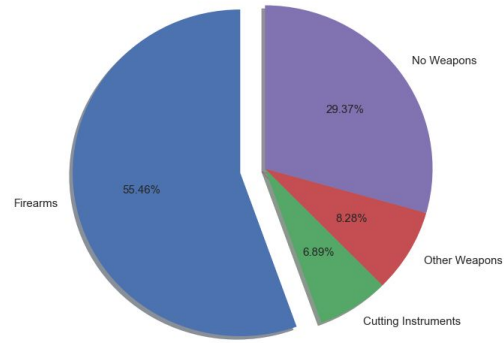
	State	Firearms_%	Cutting Instruments_%	Other Weapons_%	No Weapons_%
1	Illinois	57.28	4.48	8.96	29.29
2	Texas	55.47	6.89	8.28	29.37
3	Wisconsin	54.43	4.73	8.37	32.48
4	Indiana	49.69	5.23	8.51	36.57
5	Pennsylvania	43.16	6.68	6.63	43.53
6	Maryland	41.49	10.65	7.58	40.28
7	Nevada	38.38	8.69	10.27	42.67
8	California	28.28	9.51	11.07	51.14
9	New York	20.89	10.73	9.54	58.84

\*Note that Illinois figures underreported according to FBI Crime Report

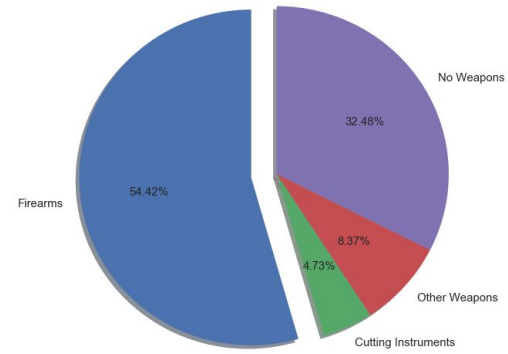
Illinois (Robberies in 2016)



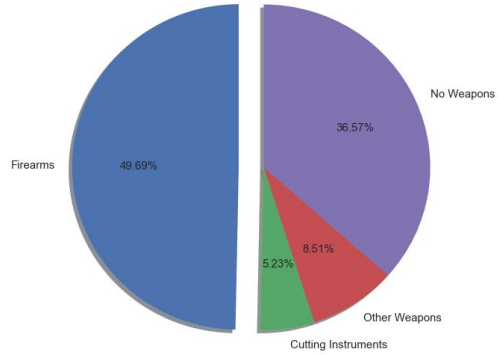
Texas (Robberies in 2016)



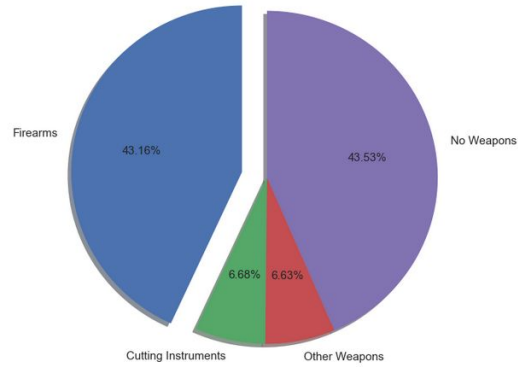
Wisconsin (Robberies in 2016)



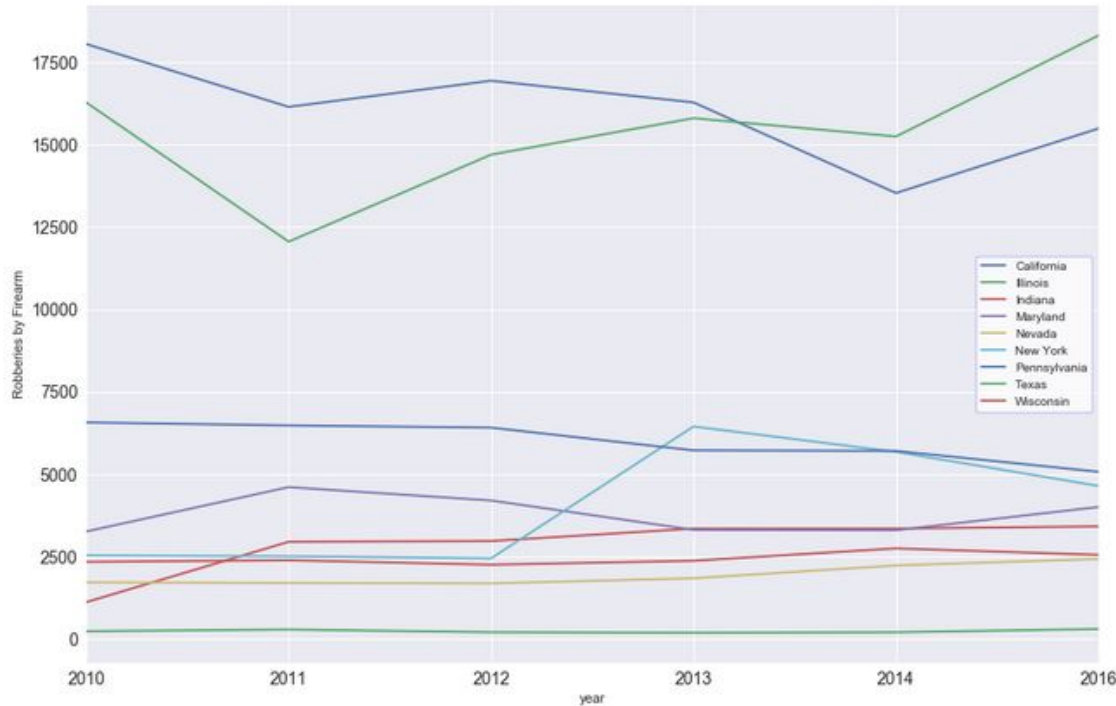
Indiana (Robberies in 2016)



Pennsylvania (Robberies in 2016)



Year	California	Illinois	Indiana	Maryland	Nevada	New York	Pennsylvania	Texas	Wisconsin
2010	18053	240	1122	3266	1722	2540	6574	16280	2344
2011	16146	291	2953	4611	1703	2516	6483	12058	2393
2012	16940	211	2976	4206	1690	2450	6416	14697	2258
2013	16282	194	3353	3316	1846	6451	5726	15804	2377
2014	13533	209	3354	3304	2235	5681	5710	15248	2753
2016	15489	307	3420	4008	2433	4648	5077	18312	2557



## Compare Robbery by Firearm 2010-2016

# Map ATF Data

# Conclusion

Focus on Pennsylvania, Nevada, Texas, Indiana, Virginia to lower gun violence

1. Neighboring states
2. For western states, states near Mexico
3. For eastern states (NY and MD), southern states along I-95