

State	2018 Population (1)	100K Population (B/100000)	2018 NICS (2)	2017 Murders (3)	Giffords A-F Grade (4)	Giffords Rank (4)	Gun Death Rate per 100K (4)	NICS Rate per 100K (D/C)	Murder Rate per 100K (E/C)	Suicide Rate per 100K (5)	Death Rate per 100K (5)
Alabama	4,888,949	48.89	419911	404	0	36	21.4	8588.98	8.26	15.7	788
Alaska	738,068	7.38	71510	62	0	44	23	9688.81	8.40	25.8	193
Arizona	7,123,898	71.24	341563	416	0	47	15.2	4794.61	5.84	17.7	1,271
Arkansas	3,020,327	30.20	222167	258	0	39	17.7	7355.73	8.54	18.2	555
California	39,776,830	397.77	1187115	1830	4	1	7.9	2984.44	4.60	10.5	4,294
Colorado	5,684,203	56.84	474226	221	2	15	14.3	8342.88	3.89	20.5	1,168
Connecticut	3,588,683	35.89	161571	102	4	3	4.6	4502.24	2.84	10.1	397
Delaware	971,180	9.71	42699	54	3	11	10.9	4396.61	5.56	11.5	119
Florida	21,312,211	213.12	1082726	1057	0	26	12.6	5080.31	4.96	14	3,143
Georgia	10,545,138	105.45	491132	703	0	32	14.9	4657.43	6.67	13.3	1,409
Hawaii	1,426,393	14.26	12982	39	4	7	4.5	910.13	2.73	12.1	174
Idaho	1,753,860	17.54	187383	32	0	46	14.6	10684.03	1.82	21.4	351
Illinois	12,768,320	127.68	2529416	997	3	8	11.6	19810.09	7.81	10.7	1,415
Indiana	6,699,629	67.00	819495	397	1	23	14.9	12231.95	5.93	15.4	1,034
Iowa	3,160,553	31.61	171971	104	2	18	9.2	5441.17	3.29	14.6	451
Kansas	2,918,515	29.19	152340	160	0	48	13.3	5219.78	5.48	17.9	514
Kentucky	4,472,265	44.72	4508298	263	0	42	17.5	100805.70	5.88	16.8	756
Louisiana	4,682,509	46.83	270162	582	0	43	21.2	5769.60	12.43	14.2	677
Maine	1,341,582	13.42	84011	23	0	35	8.2	6262.08	1.71	15.9	226
Maryland	6,079,602	60.80	137219	546	4	6	11.8	2257.04	8.98	9.4	586
Massachusetts	6,895,917	68.96	193327	173	4	4	3.4	2803.50	2.51	8.8	631
Michigan	9,991,177	99.91	444686	569	2	16	12.2	4450.79	5.70	13.3	1,364
Minnesota	5,628,162	56.28	547572	113	2	12	7.6	9729.14	2.01	13.2	745
Mississippi	2,982,785	29.83	215581	245	0	50	19.8	7227.51	8.21	12.7	383
Missouri	6,135,888	61.36	439837	600	0	48	18.8	7168.27	9.78	18.4	1,133
Montana	1,062,330	10.62	106084	41	0	37	19	9985.97	3.86	25.9	267
Nebraska	1,932,549	19.33	66607	43	1	19	9.1	3446.59	2.23	13.1	246
Nevada	3,056,824	30.57	114417	274	1	22	16.7	3743.00	8.96	21.4	650
New Hampshire	1,350,575	13.51	109642	14	0	31	9.3	8118.17	1.04	17.2	244
New Jersey	9,032,872	90.33	85340	324	4	2	5.5	944.77	3.59	7.2	687
New Mexico	2,090,708	20.91	140897	148	0	29	18.2	6739.20	7.08	22.5	471
New York	19,862,512	198.63	322292	548	4	5	4.4	1622.61	2.76	8.1	1,679
North Carolina	10,390,149	103.90	478888	591	1	25	13.6	4609.06	5.69	13	1,373
North Dakota	755,238	7.55	56529	10	0	37	11.9	7484.93	1.32	19	140
Ohio	11,694,664	116.95	644888	710	1	21	12.9	5514.38	6.07	14.2	1,707
Oklahoma	3,940,521	39.41	291692	242	0	27	19.6	7402.37	6.14	21	822
Oregon	4,199,563	42.00	323466	104	2	14	11.8	7702.37	2.48	17.8	772
Pennsylvania	12,823,989	128.24	923206	739	2	13	11.9	7199.05	5.76	14.7	1,970
Rhode Island	1,061,712	10.62	22834	20	3	9	4	2150.68	1.88	11.2	126
South Carolina	5,088,916	50.89	248926	390	0	29	17.7	4891.53	7.66	15.7	815
South Dakota	877,790	8.78	81641	25	0	40	13.5	9300.74	2.85	20.2	163
Tennessee	6,782,564	67.83	618059	527	1	24	17	9112.47	7.77	16.3	1,111
Texas	28,704,330	287.04	1406388	1412	0	32	12.1	4899.57	4.92	12.6	3,488
Utah	3,159,345	31.59	271132	73	0	27	12.9	8581.91	2.31	21.8	620
Vermont	623,960	6.24	37821	14	0	41	11	6061.45	2.24	17.3	118
Virginia	8,525,660	85.26	423818	527	1	20	12	4971.09	6.18	13.2	1,166
Washington	7,530,552	75.31	556327	230	3	10	9	7387.60	3.05	14.9	1,141
West Virginia	1,803,077	18.03	216892	85	0	32	17.5	12028.99	4.71	19.3	362
Wisconsin	5,818,049	58.18	408948	186	2	17	11.4	7028.95	3.20	14.7	866
Wyoming	573,720	5.74	53484	15	0	11	17.5	9322.32	2.61	25.2	144

Pearson Coefficient	Comparing	Interpretation	Conclusion
-0.74	GDR, GPA (H, F)	Strong	Giffords' grades strongly correlate with gun death rates
0.69	GDR, Rank (H, G)	Strong	Giffords' rank strongly correlates with gun death rates
-0.22	Murder, GPA (J, F)	Weak	Giffords' grades weakly correlate with murder rates
-0.20	NICS, GPA (I, F)	Weak	Giffords' grades weakly correlate with gun ownership
0.23	GDR, NICS (H, I)	Weak	Gun ownership weakly correlates with gun death rates
0.07	Murder, NICS (J, I)	Almost None	Gun ownership barely correlates with murder rates
-0.70	Suicide, GPA (K, F)	Strong	Giffords' grades strongly correlate with suicide rates
0.14	Suicide, NICS (K, I)	Weak	Gun ownership weakly correlates with suicide rates
0.15	Death, GPA (L, F)	Weak	Giffords' grades weakly correlate with death rates
-0.05	Death, NICS (L, I)	Almost None	Gun ownership barely correlates with death rates

References

(1) 2018 Population Data (B)

<http://worldpopulationreview.com/states/>

(2) 2018 NICS Data (D)

https://www.fbi.gov/file-repository/nics_firearm_checks_-_month_year_by_state.pdf/view

(3) 2017 Murder Data (E)

<https://www.statista.com/statistics/195331/number-of-murders-in-the-us-by-state/>

(4) 2018 Giffords Data (F, G, H)

<https://lawcenter.giffords.org/scorecard/#rankings>

(5) 2016 Suicide and Death Rate Data (K, L)

<https://www.cdc.gov/nchs/pressroom/sosmap/suicide-mortality/suicide.htm>