

## Complete State-by-State Bias Scores

The table below presents our complete findings, sorted by the absolute value of the adjusted bias score (most biased to least biased). Note: we changed the sign for MI, CO, & MN as the bias was in favor of the minority party).

Rank	State	State Leans	Total Seats	Current Dem	Current Rep	Expected Dem	Expected Rep	Bias Score	Biased Seats
1	California	Democrat	52	43	9	32	20	3.14	+11 Dem
2	Massachusetts	Democrat	9	9	0	6	3	2.12	+3 Dem
3	Illinois	Democrat	17	14	3	10	7	1.97	+4 Dem
4	Connecticut	Democrat	5	5	0	3	2	1.83	+2 Dem
5	New York	Democrat	26	19	7	15	11	1.59	+4 Dem
6	Florida	Republican	28	8	20	12	16	1.53	+4 Rep
6	South Carolina	Republican	7	1	6	3	4	1.53	+2 Rep
8	Tennessee	Republican	9	1	8	3	6	1.41	+2 Rep
9	Texas	Republican	38	13	25	17	21	1.31	+4 Rep
10	Washington	Democrat	10	8	2	6	4	1.29	+2 Dem
11	New Mexico	Democrat	3	3	0	2	1	1.22	+1 Dem
12	Nebraska	Republican	3	0	3	1	2	1.22	+1 Rep
13	New Jersey	Democrat	12	9	3	7	5	1.17	+2 Dem
14	Arkansas	Republican	4	0	4	1	3	1.15	+1 Rep
14	Iowa	Republican	4	0	4	1	3	1.15	+1 Rep
14	Utah	Republican	4	0	4	1	3	1.15	+1 Rep
17	Oklahoma	Republican	5	0	5	1	4	1.12	+1 Rep
18	North Carolina	Republican	14	4	10	6	8	1.08	+2 Rep
19	Oregon	Democrat	6	5	1	4	2	0.87	+1 Dem
20	Kentucky	Republican	6	1	5	2	4	0.87	+1 Rep
21	Maryland	Democrat	8	7	1	6	2	0.82	+1 Dem
22	Missouri	Republican	8	2	6	3	5	0.73	+1 Rep
22	Wisconsin	Republican	8	2	6	3	5	0.73	+1 Rep
24	Indiana	Republican	9	2	7	3	6	0.71	+1 Rep
25	Arizona	Republican	9	3	6	4	5	0.67	+1 Rep
26	Georgia	Republican	14	5	9	6	8	0.54	+1 Rep
27	Ohio	Republican	15	5	10	6	9	0.53	+1 Rep
28	Pennsylvania	Republican	17	7	10	8	9	0.49	+1 Rep

<b>Proportional States (No Significant Bias)</b>									
29	Alabama	Republican	7	2	5	2	5	0.00	0
29	Alaska	Republican	1	0	1	0	1	0.00	0
29	Delaware	Democrat	1	1	0	1	0	0.00	0
29	Hawaii	Democrat	2	2	0	2	0	0.00	0
29	Idaho	Republican	2	0	2	0	2	0.00	0
29	Kansas	Republican	4	1	3	1	3	0.00	0
29	Louisiana	Republican	6	2	4	2	4	0.00	0
29	Maine	Democrat	2	2	0	2	0	0.00	0
29	Mississippi	Republican	4	1	3	1	3	0.00	0
29	Montana	Republican	2	0	2	0	2	0.00	0
29	Nevada	Democrat	4	3	1	3	1	0.00	0
29	New Hampshire	Democrat	2	2	0	2	0	0.00	0
29	North Dakota	Republican	1	0	1	0	1	0.00	0
29	Rhode Island	Democrat	2	2	0	2	0	0.00	0
29	South Dakota	Republican	1	0	1	0	1	0.00	0
29	Vermont	Democrat	1	1	0	1	0	0.00	0
29	Virginia	Democrat	11	6	5	6	5	0.00	0
29	West Virginia	Republican	2	0	2	0	2	0.00	0
29	Wyoming	Republican	1	0	1	0	1	0.00	0
<b>Reverse Bias States (Minority Party Over-Represented)</b>									
48	Michigan	Democrat	13	6	7	7	6	-0.56	+1 Rep
49	Colorado	Democrat	8	4	4	5	3	-0.73	+1 Rep
50	Minnesota	Democrat	8	4	4	5	3	-0.73	+1 Rep

**Notes:**

- Bias scores  $\geq 1.96$  indicate statistically significant bias at 95% confidence level
- Negative bias scores indicate the minority party is over-represented. We changed the sign.
- Expected seats calculated using average of 2020 presidential, 2024 presidential, and Cook PVI data