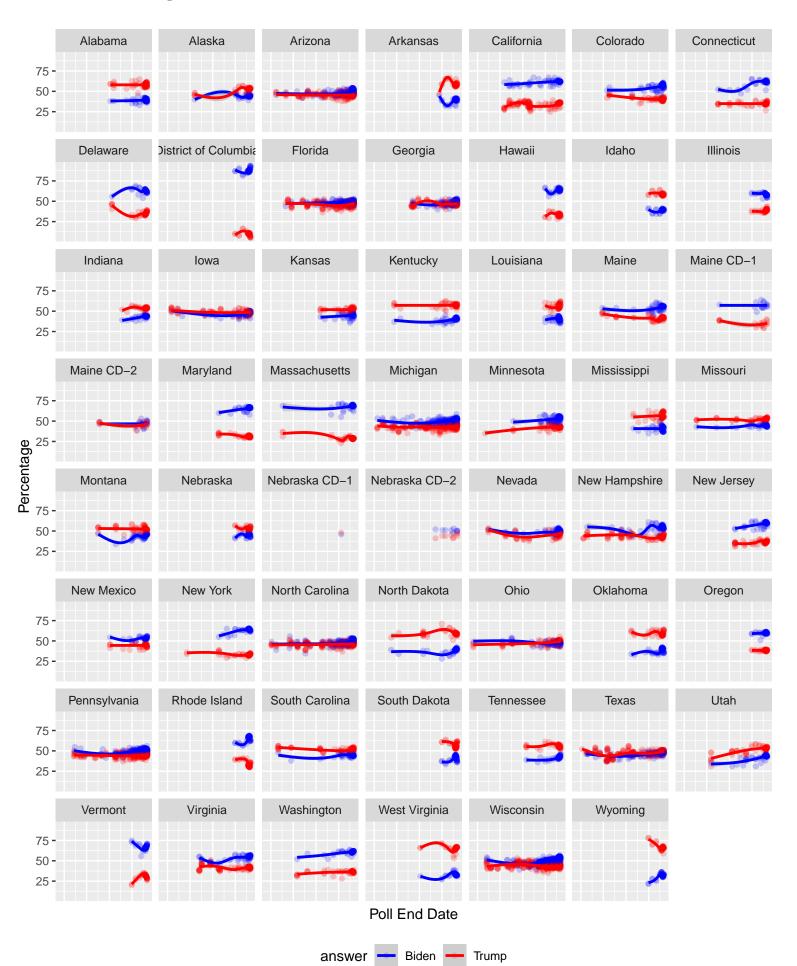
2020 Presidential Election

James Young

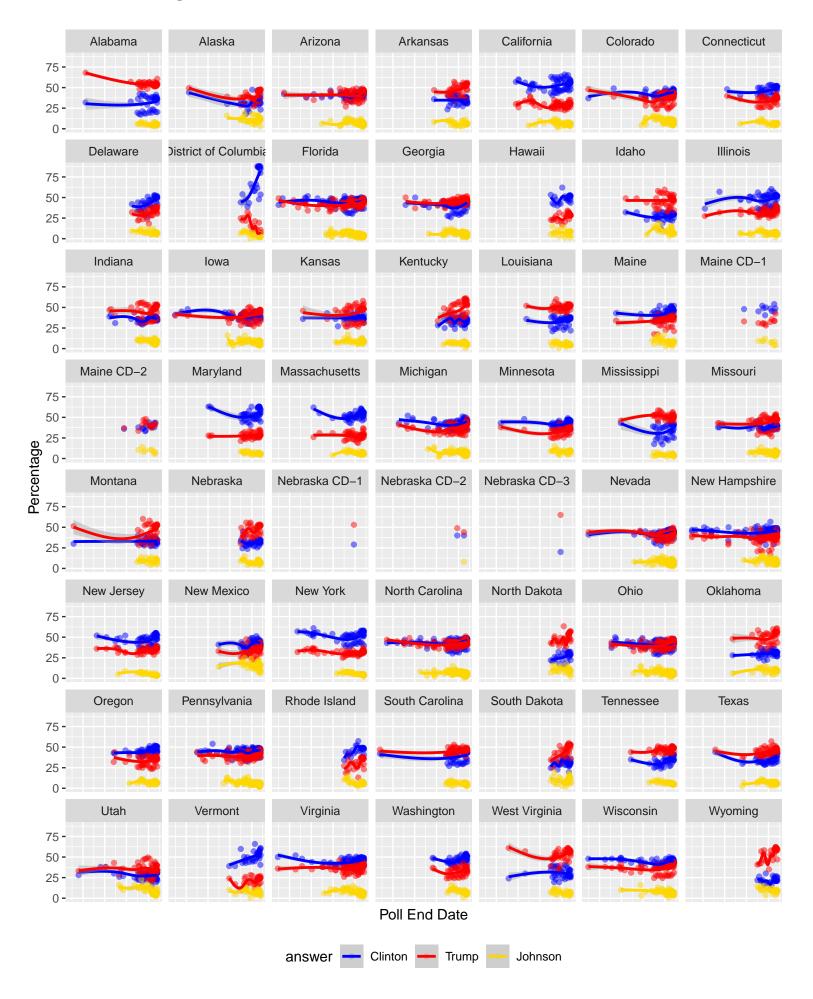
10/23/2020



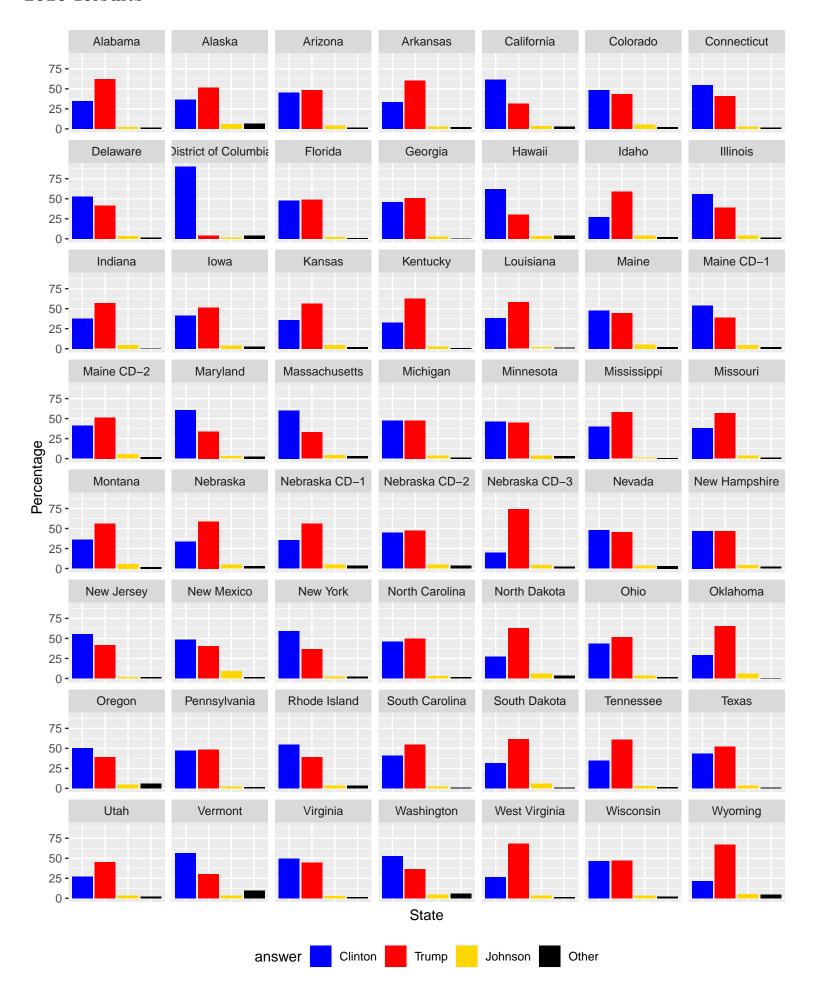
2020 Raw Polling Data



2016 Raw Polling Data



2016 Results



2016 Polls vs. Results

1 Alabar 2 Alaska		Clinton	Trump	Johnson	Other	clinton_poll_n	ncan	poll_mean	poll_delta	var	
2 Alaska			62.08	2.09	1.46	32.94		53.97	8.11	4.11	-35.33
	n.	$34.36 \\ 36.55$	51.28	5.88	6.29	34.99		42.54	8.74	37.63	-12.34
3 Arizon		45.13	48.67	4.13	1.39	42.65		42.84	5.83	20.40	-12.54 -15.00
4 Arkan		33.65	60.57	2.64	1.96	34.22		51.87	8.70	33.09	-13.62
5 Califor		61.73	31.62	$\frac{2.04}{3.37}$	3.00	53.97		29.52	2.10	7.66	-15.02
6 Colora		48.16	43.25	5.18	$\frac{3.00}{2.37}$	43.64		38.65	4.60	28.23	-10.16
7 Conne		54.57	40.23	$\frac{3.18}{2.96}$	$\frac{2.37}{1.42}$	49.57		36.05 36.07	4.86	17.59	-10.10
8 Delaw		53.09	40.93 41.72	$\frac{2.90}{3.32}$	1.42 1.71	49.35		35.48	6.24	21.14	-10.24
	ct of Columbia	90.48	$\frac{41.72}{4.07}$	$\frac{3.52}{1.57}$	3.88	83.85		6.03	-1.96	25.42	2.94
10 Florid		47.82	49.02	2.20	0.96	45.45		44.10	4.92	7.22	-28.34
10 Florid 11 Georg		45.64	$\frac{49.02}{50.77}$	$\frac{2.20}{3.05}$	0.90 0.23	43.45		44.10 45.96	4.92	8.69	-26.34 -18.55
11 Georg. 12 Hawai		62.22	30.77	$\frac{3.05}{3.72}$	4.02	43.08 50.75		29.94	0.09	15.79	-16.55 -0.17
12 Hawai 13 Idaho		$\frac{02.22}{27.49}$	59.26	$\frac{3.72}{4.10}$	$\frac{4.02}{2.41}$	28.67		47.03	12.23	38.06	-0.17 -18.49
13 Idano 14 Illinois		55.83	38.76	$\frac{4.10}{3.79}$	$\frac{2.41}{1.42}$	48.74		$\frac{47.05}{33.25}$	5.51	14.18	-16.49
14 Innion 15 Indian					0.37	36.35		33.23 46.10			-14.55 -15.55
	la	37.91	56.82	4.89					10.72	48.46	
16 Iowa	_	41.74	51.15	3.78	2.54	39.55		43.18	7.97	34.05	-13.59
17 Kansa		36.05	56.65	4.68	2.06	36.59		46.77	9.88	78.34	-10.42
18 Kentu	*	32.68	62.52	2.79	0.82	33.38		51.18	11.34	77.86	-12.19
19 Louisi		38.45	58.09	1.87	1.17	35.53		50.39	7.70	8.26	-25.43
20 Maine		47.83	44.87	5.09	1.96	46.14		36.78	8.09	26.93	-14.79
21 Maine		53.96	39.15	4.71	1.97	48.05		35.37	3.78	14.12	-3.90
	e CD-2	40.98	51.26	5.52	1.93	40.31		39.80	11.46	2.54	-32.93
23 Maryla		60.33	33.91	2.86	2.55	57.15		28.26	5.65	9.80	-15.94
	chusetts	60.01	32.81	4.15	2.95	54.73		28.05	4.76	14.47	-11.87
25 Michig	~	47.27	47.50	3.59	1.47	44.15		39.81	7.69	22.62	-19.60
26 Minne		46.44	44.92	3.84	3.00	43.45		35.45	9.47	14.55	-22.75
27 Missis		40.11	57.94	1.19	0.75	38.44		49.28	8.66	8.61	-26.08
28 Misson		38.14	56.77	3.47	1.38	38.65		46.58	10.19	41.86	-17.04
29 Monta		35.75	56.17	5.64	1.98	33.22		47.99	8.18	51.79	-10.23
30 Nebras		33.70	58.75	4.61	2.94	32.68		49.39	9.36	26.38	-16.09
	ska CD-1	35.46	56.18	4.97	3.38	40.00		44.00	0.40	0.00	T 0
	ska CD-2	44.92	47.16	4.54	3.38	40.00		44.00	3.16	0.00	-Inf
	ska CD-3	19.73	73.92	4.32	2.04			40.00	a		
34 Nevad		47.92	45.50	3.29	3.23	43.94		43.03	2.47	13.49	-9.02
	Hampshire	46.98	46.61	4.15	2.12	45.84		38.98	7.63	25.35	-20.85
36 New J		55.45	41.35	1.87	1.33	49.00		34.93	6.42	5.88	-24.26
	Mexico	48.26	40.04	9.34	1.64	43.88		37.79	2.25	27.09	-4.37
38 New Y		59.01	36.52	2.29	2.06	53.28		31.81	4.71	4.79	-20.05
	Carolina	46.17	49.83	2.74	1.26	45.78		43.17	6.66	7.36	-35.35
	Dakota	27.23	62.96	6.22	3.59	29.39		52.31	10.65	37.60	-14.10
41 Ohio		43.56	51.69	3.17	1.35	41.90		43.54	8.15	11.52	-33.26
42 Oklah		28.93	65.32	5.75	0.00	31.20		54.21	11.11	40.98	-15.33
43 Orego:		50.07	39.09	4.71	6.13	47.95		35.02	4.07	21.97	-8.50
	ylvania	47.46	48.18	2.38	1.87	45.98		41.83	6.35	7.50	-33.86
	e Island	54.41	38.90	3.18	3.41	48.74		35.19	3.71	39.63	-4.57
	Carolina	40.67	54.94	2.34	1.05	41.51		46.00	8.94	7.31	-30.30
	Dakota	31.74	61.53	5.63	1.10	32.05		49.80	11.73	32.29	-18.58
48 Tenne		34.72	60.72	2.81	1.28	36.59		47.82	12.90	9.48	-39.09
49 Texas		43.24	52.23	3.16	0.90	38.93		45.94	6.29	12.71	-18.09
50 Utah		27.46	45.54	3.50	1.96	27.93		33.93	11.61	33.38	-22.01
51 Vermo		56.68	30.27	3.20	9.65	53.22		23.67	6.60	17.85	-13.26
52 Virgin		49.73	44.41	2.97	1.54	46.98		38.97	5.44	18.03	-15.54
53 Washi		52.54	36.83	4.85	5.78	49.25		33.38	3.45	18.35	-7.77
	Virginia	26.43	68.50	3.22	1.70	29.16		56.62	11.88	20.41	-23.67
55 Wisco		46.45	47.22	3.58	2.34	44.84		39.51	7.71	24.55	-17.87
56 Wyom	ning	21.63	67.40	5.13	4.70	22.42		58.56	8.84	45.50	-10.15

2016 Anomaly States

		Clinton	Trump	Johnson	Other	clinton_poll_mean	poll_mean	poll_delta	var	t_stat
10	Florida	47.82	49.02	2.20	0.96	45.45	44.10	4.92	7.22	-28.34
22	Maine CD-2	40.98	51.26	5.52	1.93	40.31	39.80	11.46	2.54	-32.93
25	Michigan	47.27	47.50	3.59	1.47	44.15	39.81	7.69	22.62	-19.60
39	North Carolina	46.17	49.83	2.74	1.26	45.78	43.17	6.66	7.36	-35.35
44	Pennsylvania	47.46	48.18	2.38	1.87	45.98	41.83	6.35	7.50	-33.86
55	Wisconsin	46.45	47.22	3.58	2.34	44.84	39.51	7.71	24.55	-17.87

2020 Anomaly States Adjusted

		t_stat	$poll_mean$	var	$\mathrm{d}\mathrm{f}$	param
10	Florida	-28.34	48.02	4.44	51.00	56.30
22	Maine CD-2	-32.93	46.70	12.00	2.00	112.56
25	Michigan	-19.60	44.30	4.05	50.00	49.82
39	North Carolina	-35.35	45.69	1.82	51.00	52.30
44	Pennsylvania	-33.86	45.39	2.05	56.00	51.81
55	Wisconsin	-17.87	43.04	1.60	45.00	46.38

Assuming polls in anomaly states are off to a similar degree as in 2016, President Trump has a good chance of winning Florida, North Carolina, and Pennsylvania. Assuming all other states' election results will match that of polls, President Trump will secure at least 209 electoral votes.

		t_stat	poll_mean	var	df	norom
1	Alabama	-35.33	57.71	4.10	23.00	param 72.31
2	Alaska	-33.33 -12.34	52.29	$\frac{4.10}{3.87}$	25.00 25.00	57.04
3	Arizona	-12.34 -15.00	45.32	$\frac{3.37}{2.27}$	48.00	48.55
$\frac{3}{4}$	Arkansas	-13.62	57.49	1.17	22.00	60.56
5	California	-15.02 -7.65	35.40	0.75	22.00	36.78
6	Colorado	-10.16	39.91	1.65	29.00	42.29
7	Connecticut	-10.10	39.91 34.73	0.61	29.00	$\frac{42.29}{36.43}$
8	Delaware	-10.24	34.73	$0.01 \\ 0.95$	21.00 21.00	36.43
9	District of Columbia	$\frac{-11.70}{2.94}$	10.06	$0.95 \\ 0.47$	21.00	9.63
10	Florida	-28.34	48.02	4.44	51.00	56.30
11	Georgia	-28.54 -18.55	45.02	2.76	34.00	50.50 52.61
12	Hawaii	-18.55 -0.17	$\frac{47.40}{32.60}$	$\frac{2.70}{2.77}$	22.00	32.65
13	Idaho	-0.17 -18.49	52.00 58.13	0.92	21.00	61.90
$\frac{13}{14}$				1.24		
$\frac{14}{15}$	Illinois	-14.33	38.01	1.24 1.33	21.00	$41.41 \\ 57.25$
	Indiana	-15.55 -13.59	53.51 48.84		22.00	57.25 52.83
16	Iowa			3.01	34.00	
17	Kansas	-10.42	52.10	3.54	24.00	56.02
18	Kentucky	-12.19	57.36	0.61	22.00	59.35
19	Louisiana	-25.43	55.71	6.40	22.00	69.13
20	Maine M.: CD 1	-14.79	42.29	1.30	24.00	45.66
21	Maine CD-1	-3.90	32.20	16.58	2.00	41.36
22	Maine CD-2	-32.93	46.70	12.00	2.00	112.56
23	Maryland	-15.94	31.37	0.69	22.00	34.14
24	Massachusetts	-11.87	28.72	0.37	21.00	30.26
25	Michigan	-19.60	44.30	4.05	50.00	49.82
26	Minnesota	-22.75	42.53	0.69	28.00	46.03
27	Mississippi	-26.08	56.87	10.56	21.00	74.94
28	Missouri	-17.04	52.07	0.87	24.00	55.25
29	Montana	-10.23	53.13	4.30	27.00	57.14
30	Nebraska	-16.09	51.94	0.56	21.00	54.52
31	Nebraska CD-1	тс	40.00		-1.00	
32	Nebraska CD-2	-Inf	42.00		0.00	
33	Nebraska CD-3	0.00	40.44	2.00	-1.00	10.50
34	Nevada	-9.02	46.44	3.00	25.00	49.50
35	New Hampshire	-20.85	42.15	1.19	24.00	46.70
36	New Jersey	-24.26	35.62	0.63	25.00	39.40
37	New Mexico	-4.37	45.54	1.25	22.00	46.56
38	New York	-20.05	32.45	0.26	21.00	34.63
39	North Carolina	-35.35	45.69	1.82	51.00	52.30
40	North Dakota	-14.10	59.42	0.64	21.00	61.83
41	Ohio	-33.26	50.07	3.03	32.00	60.14
42	Oklahoma	-15.33	57.60	0.92	22.00	60.68
43	Oregon	-8.50	38.52	0.35	21.00	39.60
44	Pennsylvania	-33.86	45.39	2.05	56.00	51.81
45	Rhode Island	-4.57	31.45	0.74	21.00	32.29
46	South Carolina	-30.30	51.49	2.18	25.00	60.26
47	South Dakota	-18.58	53.98	1.23	21.00	58.37
48	Tennessee	-39.09	56.18	1.52	21.00	66.45
49	Texas	-18.09	49.51	2.82	31.00	54.89
50	Utah	-22.01	52.74	1.10	23.00	57.46
51	Vermont	-13.26	32.37	0.74	21.00	34.79
52	Virginia	-15.54	42.20	0.96	25.00	45.19
53	Washington	-7.77	37.04	0.43	23.00	38.07
54	West Virginia	-23.67	64.49	8.87	23.00	78.89
55	Wisconsin	-17.87	43.04	1.60	45.00	46.38
_56	Wyoming	-10.15	65.40	2.92	21.00	69.09

Assuming polls in all states are off to a similar degree as in 2016, President Trump would be projected to secure at least 269 electoral votes.