

Official 2020 Presidential Vote

STATE	Electors		Biden (Dem)		Trump (Rep)		Two-Party	% Swing to	% Swing
	2020	2024	Votes	%	Votes	%	Votes	Democratic	to Lose
Alabama	9	9	849,624	37.09	1,441,170	62.91	2,290,794	1.46	13.0 R
Alaska	3	3	153,778	44.74	189,951	55.26	343,729	3.13	5.3 R
Arizona	11	11	1,672,143	50.16	1,661,686	49.84	3,333,829	2.05	0.2 D
Arkansas	6	6	423,932	35.79	760,647	64.21	1,184,579	0.08	14.3 R
California	55	54	11,110,250	64.91	6,006,429	35.09	17,116,679	-1.22	15.0 D
Colorado	9	10	1,804,352	56.94	1,364,607	43.06	3,168,959	4.26	7.0 D
Connecticut	7	7	1,080,831	60.20	714,717	39.80	1,795,548	3.06	10.2 D
Delaware	3	3	296,268	59.63	200,603	40.37	496,871	3.63	9.7 D
District of Columbia	3	3	317,323	94.47	18,586	5.53	335,909	-1.23	44.5 D
Florida	29	30	5,297,045	48.31	5,668,731	51.69	10,965,776	-1.07	1.7 R
Georgia	16	16	2,473,633	50.12	2,461,854	49.88	4,935,487	2.78	0.2 D
Hawaii	4	4	366,130	65.03	196,864	34.97	562,994	-2.41	15.1 D
Idaho	4	4	287,021	34.12	554,119	65.88	841,140	2.43	15.9 D
Illinois	20	19	3,471,915	58.66	2,446,891	41.34	5,918,806	-0.36	8.7 D
Indiana	11	11	1,242,416	41.80	1,729,519	58.20	2,971,935	1.92	8.2 R
Iowa	6	6	759,061	45.82	897,672	54.18	1,656,733	0.88	4.2 R
Kansas	6	6	570,323	42.51	771,406	57.49	1,341,729	3.62	7.5 R
Kentucky	8	8	772,474	36.80	1,326,646	63.20	2,099,120	2.47	13.2 R
Louisiana	8	8	856,034	40.54	1,255,776	59.46	2,111,810	0.71	9.5 R
Maine	4	4	435,072	54.67	360,737	45.33	795,809	3.07	4.7 D
Maryland	10	10	1,985,023	67.03	976,414	32.97	2,961,437	3.01	17.1 D
Massachusetts	11	11	2,382,202	67.12	1,167,202	32.88	3,549,404	2.47	17.2 D
Michigan	16	15	2,804,040	51.41	2,649,852	48.59	5,453,892	1.53	1.5 D
Minnesota	10	10	1,717,077	53.64	1,484,065	46.36	3,201,142	2.81	3.7 D
Mississippi	6	6	539,398	41.62	756,764	58.38	1,296,162	0.71	8.4 R
Missouri	10	10	1,253,014	42.16	1,718,736	57.84	2,971,750	1.98	7.9 R
Montana	3	4	244,786	41.60	343,602	58.40	588,388	2.71	8.4 R
Nebraska	5	5	374,583	40.22	556,846	59.78	931,429	3.77	9.8 R
Nevada	6	6	703,486	51.22	669,890	48.78	1,373,376	-0.07	1.3 D
New Hampshire	4	4	424,937	53.75	365,660	46.25	790,597	3.55	3.8 D
New Jersey	14	14	2,608,335	58.07	1,883,274	41.93	4,491,609	0.79	8.1 D
New Mexico	5	5	501,614	55.52	401,894	44.48	903,508	0.87	5.6 D
New York	29	28	5,244,886	61.73	3,251,997	38.27	8,496,883	-0.04	11.8 D
North Carolina	15	16	2,684,292	49.32	2,758,775	50.68	5,443,067	1.22	0.7 R
North Dakota	3	3	115,042	32.79	235,751	67.21	350,793	2.60	17.3 R
Ohio	18	17	2,679,165	45.92	3,154,834	54.08	5,833,999	0.19	4.1 R
Oklahoma	7	7	503,890	33.06	1,020,280	66.94	1,524,170	2.36	17.0 R
Oregon	7	8	1,340,383	58.31	958,448	41.69	2,298,831	2.15	8.4 D
Pennsylvania	20	19	3,458,229	50.59	3,377,674	49.41	6,835,903	0.97	0.6 D
Rhode Island	4	4	307,486	60.60	199,922	39.40	507,408	2.29	10.6 D
South Carolina	9	9	1,091,541	44.07	1,385,103	55.93	2,476,644	1.53	6.0 R
South Dakota	3	3	150,471	36.57	261,043	63.43	411,514	2.54	13.5 R
Tennessee	11	11	1,143,711	38.17	1,852,475	61.83	2,996,186	1.79	11.9 R
Texas	38	40	5,259,126	47.17	5,890,347	52.83	11,149,473	1.88	2.9 R
Utah	6	6	560,282	39.31	865,140	60.69	1,425,422	1.69	10.7 R
Vermont	3	3	242,820	68.30	112,704	31.70	355,524	3.11	18.3 D
Virginia	13	13	2,413,568	55.15	1,962,430	44.85	4,375,998	2.32	5.2 D
Washington	12	12	2,369,612	59.93	1,584,651	40.07	3,954,263	1.14	10.0 D
West Virginia	5	4	235,984	30.20	545,382	69.80	781,366	2.36	19.8 R
Wisconsin	10	10	1,630,866	50.32	1,610,184	49.68	3,241,050	0.73	0.4 D
Wyoming	3	3	73,491	27.52	193,559	72.48	267,050	3.23	22.5 R
TOTAL USA	538	538	81,282,965	52.27	74,223,509	47.73	155,506,474	1.16	

For those interested in Biden's pluralities by state they were 10,457 in Arizona, 11,779 in Georgia, 20,682 in Wisconsin, 80,555 in Pennsylvania and 154,188 in Michigan. Biden's plurality was 7,059,456 votes. Note that there were other candidates. Jo Jorgensen (Libertarian) polled 1,865,863 votes, Howie Hawkins (Green) 405,782 while all others scored a combined 629,264 votes. So, the total vote was 158,407,383.

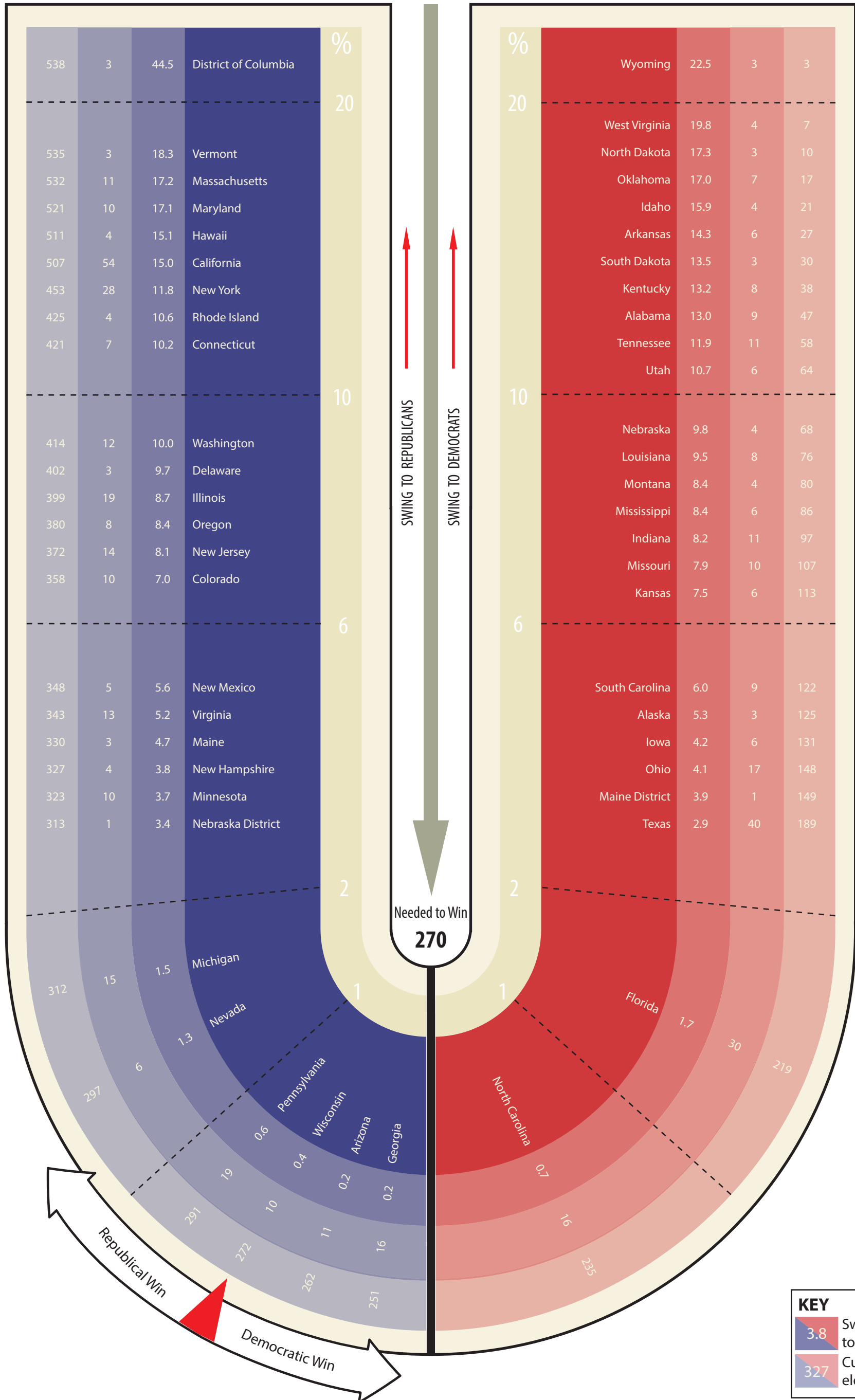
Mackerras US Pendulum Electing Joe Biden 2020

DEMOCRATIC STATES

STATES	25	DISTRICT OF COLUMBIA	1
ACTUAL MAJORITY	74	ACTUAL ELECTORAL VOTE	306
NOTIONAL MAJORITY	68	NOTIONAL ELECTORAL VOTE	303

REPUBLICAN STATES

STATES	25
ACTUAL ELECTORAL VOTE	232
NOTIONAL ELECTORAL VOTE	235



52.3%

47.7%