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## IGS Poll

### Title

Tabulations from a late July 2020 Survey of California Registered and Likely Voters about Presidential Politics

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**Tabulations from a late July 2020 Survey  
of California Registered and Likely Voters  
about Presidential Politics**

*by the*  
***Berkeley IGS Poll***  
**Institute of Governmental Studies**  
**University of California, Berkeley**

**July 21-27, 2020**

## Introduction

The statistical tabulations in this volume are based on a *Berkeley IGS Poll* completed by the Institute of Governmental Studies (IGS) at the University of California, Berkeley. The poll was administered online in English and Spanish July 21-27, 2020 among 8,328 California registered voters, of whom 6,756 were considered likely voters in the November 2020 general election.

The survey was administered by distributing email invitations to stratified random samples of the state's registered voters. Each email invited voters to participate in a non-partisan survey conducted by the University and provided a link to the IGS website where the survey was housed. Reminder emails were distributed to non-responding voters and an opt out link was provided for voters not wishing to participate and not wanting to receive further email invitations.

Samples of registered voters with email addresses were provided to IGS by Political Data, Inc., a leading supplier of registered voter lists in California. The email addresses of voters were derived from information contained on the state's official voter registration rolls. Prior to the distribution of the emails, the overall sample was stratified by age and gender in an attempt to obtain a proper balance of survey respondents across all major segments of the registered voter population.

To protect the anonymity of survey respondents, voters' email addresses and all other personally identifiable information derived from the original voter listing were purged from the data file and replaced with a unique and anonymous identification number during data processing. Post-stratification weights were applied to align the sample of the registered voters responding to the survey to population characteristics of the state's registered voters. Likely voters were identified based on a voter's stated interest in and intention to vote in the upcoming presidential election and factoring in their history of voting in past elections.

The sampling error associated with the results from the survey are difficult to calculate precisely due to the effects of sample stratification and the post-stratification weighting. Nevertheless, it is likely that the results from the overall sample of registered voters as well as the sample of likely voters in the November 2020 general election are subject to a sampling error of approximately +/- 2 percentage points at the 95% confidence level.

## **About the Institute of Governmental Studies**

The Institute of Governmental Studies (IGS) is an interdisciplinary organized research unit that pursues a vigorous program of research, education, publication and public service. A component of the University of California system's flagship Berkeley campus, IGS is the oldest organized research unit in the UC system and the oldest public policy research center in the state. IGS's co-directors are Professor Eric Schickler and Associate Professor Cristina Mora.

IGS conducts periodic surveys of public opinion in California on matters of politics and public policy through its *Berkeley IGS Poll*. The poll, which is disseminated widely, seeks to provide a broad measure of contemporary public opinion, and to generate data for subsequent scholarly analysis. The director of the *Berkeley IGS Poll* is Mark DiCamillo. For a complete listing of stories issued by the *Berkeley IGS Poll* go to <https://www.igs.berkeley.edu/research/berkeley-igs-poll>.

# July 2020 Berkeley IGS Poll

Table 1: Do you approve or disapprove of the way Donald Trump is handling his job as President? (Registered Voters)

	Area			Region								Party Registration				Sex		Voter	
	Total	Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female	Likely voter	Not LV
unweighted n	8328.00	6297.00	2031.00	2036.00	1009.00	613.00	759.00	386.00	1119.00	2077.00	329.00	4925.00	1488.00	1524.00	391.00	3768.00	4560.00	6756.00	1572.00
weighted n	8329.00	5890.00	2439.00	2236.00	739.00	660.00	861.00	381.00	1426.00	1693.00	333.00	3772.00	1989.00	2092.00	477.00	4012.00	4317.00	6239.00	2090.00
Approve strongly	0.18	0.16	0.23	0.15	0.21	0.27	0.23	0.22	0.23	0.11	0.22	0.02	0.63	0.08	0.10	0.20	0.17	0.21	0.10
Approve	0.11	0.10	0.13	0.10	0.12	0.12	0.12	0.11	0.14	0.09	0.09	0.04	0.22	0.13	0.15	0.12	0.09	0.09	0.18
somewhat Disapprove	0.08	0.08	0.08	0.10	0.09	0.09	0.08	0.07	0.08	0.05	0.03	0.05	0.07	0.12	0.14	0.09	0.06	0.04	0.19
somewhat Disapprove strongly	0.63	0.66	0.56	0.66	0.58	0.51	0.57	0.60	0.55	0.75	0.66	0.90	0.08	0.66	0.61	0.58	0.67	0.66	0.53
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Approve (net)	0.29	0.26	0.37	0.24	0.33	0.40	0.35	0.33	0.37	0.20	0.31	0.05	0.85	0.21	0.25	0.33	0.26	0.30	0.28
Disapprove (net)	0.71	0.74	0.63	0.76	0.67	0.60	0.65	0.67	0.63	0.80	0.69	0.95	0.15	0.79	0.75	0.67	0.74	0.70	0.72
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2: Do you approve or disapprove of the way Donald Trump is handling his job as President? (Registered Voters)

	Age							Race				Nativity		Language (Latino only)	
	Total	18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	8328.00	1537.00	1500.00	1335.00	2268.00	1121.00	567.00	4876.00	422.00	1871.00	885.00	6981.00	1347.00	1441.00	433.00
weighted n	8329.00	1475.00	1435.00	1254.00	2140.00	1361.00	663.00	4142.00	572.00	2230.00	1200.00	6586.00	1743.00	1568.00	668.00
Approve strongly	0.18	0.09	0.13	0.16	0.23	0.23	0.30	0.21	0.05	0.18	0.13	0.19	0.18	0.20	0.14
Approve	0.11	0.12	0.12	0.14	0.11	0.08	0.06	0.11	0.06	0.12	0.11	0.10	0.14	0.10	0.17
somewhat Disapprove	0.08	0.12	0.10	0.10	0.06	0.03	0.04	0.06	0.06	0.12	0.08	0.07	0.11	0.09	0.19
somewhat Disapprove strongly	0.63	0.67	0.65	0.60	0.59	0.65	0.59	0.63	0.83	0.58	0.68	0.64	0.57	0.61	0.50
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Approve (net)	0.29	0.21	0.24	0.30	0.34	0.31	0.37	0.31	0.11	0.30	0.24	0.29	0.32	0.30	0.31
Disapprove (net)	0.71	0.79	0.75	0.70	0.65	0.69	0.63	0.68	0.89	0.70	0.76	0.71	0.68	0.70	0.69
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 3: Do you approve or disapprove of the way Donald Trump is handling his job as President? (Registered Voters)

	Total	Ideology					Education					Income					Rent/Own			
		Very conservative	Somewhat conservative	Mod-erate	Somewhat liberal	Very liberal	No HS Diploma	HS Graduate	Some college/trade school	Bachelor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	8328.00	522.00	1077.00	2529.00	2084.00	2116.00	116.00	686.00	2215.00	2816.00	2495.00	635.00	867.00	954.00	1875.00	2458.00	1341.00	198.00	4406.00	3922.00
weighted n	8329.00	788.00	1463.00	2842.00	1755.00	1481.00	468.00	1577.00	2649.00	2316.00	1319.00	896.00	1078.00	1082.00	1891.00	2147.00	1021.00	214.00	4243.00	4086.00
Approve strongly	0.18	0.71	0.42	0.12	0.01	0.01	0.14	0.20	0.24	0.16	0.12	0.14	0.14	0.17	0.21	0.20	0.16	0.37	0.24	0.13
Approve somewhat	0.11	0.09	0.23	0.15	0.03	0.01	0.14	0.10	0.12	0.11	0.08	0.14	0.11	0.09	0.10	0.12	0.09	0.13	0.12	0.10
Disapprove somewhat	0.08	0.05	0.11	0.12	0.05	0.01	0.14	0.11	0.08	0.06	0.05	0.11	0.09	0.11	0.08	0.05	0.07	0.06	0.06	0.10
Disapprove strongly	0.63	0.14	0.24	0.60	0.92	0.97	0.58	0.58	0.56	0.67	0.76	0.61	0.66	0.63	0.61	0.63	0.68	0.44	0.58	0.68
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Approve (net)	0.29	0.81	0.65	0.27	0.04	0.02	0.28	0.31	0.36	0.27	0.19	0.28	0.25	0.26	0.31	0.32	0.25	0.49	0.36	0.23
Disapprove (net)	0.71	0.19	0.35	0.73	0.96	0.98	0.72	0.69	0.64	0.73	0.81	0.72	0.75	0.74	0.69	0.68	0.75	0.50	0.64	0.77
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00

Table 4: Do you approve or disapprove of the way Donald Trump is handling his job as President? (Likely Voters)

	Total	Candidate Image			Race/Education/Sex						Evangelical		Health threat of virus in area			Views of Black Lives Matter			Reg. Date
		Fav Biden/Trump	Unfav Biden/Trump	Fav Trump/Biden	College Female	College Male	Non-white No coll. Female	Non-white No coll. Male	White No coll. Female	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018
unweighted n	6756.00	4072.00	1052.00	1193.00	2482.00	2022.00	535.00	427.00	712.00	578.00	5748.00	973.00	644.00	4863.00	1242.00	5000.00	1528.00	222.00	616.00
weighted n	6239.00	3259.00	916.00	1544.00	1478.00	1471.00	890.00	743.00	923.00	734.00	4964.00	1230.00	754.00	4190.00	1289.00	4055.00	1883.00	292.00	806.00
Approve strongly	0.21	0.00	0.04	0.78	0.13	0.19	0.19	0.26	0.30	0.32	0.15	0.46	0.77	0.07	0.35	0.02	0.64	0.20	0.20
Approve somewhat	0.09	0.01	0.10	0.21	0.06	0.09	0.09	0.08	0.09	0.11	0.07	0.12	0.12	0.05	0.16	0.02	0.20	0.19	0.08
Disapprove somewhat	0.04	0.03	0.12	0.00	0.02	0.04	0.07	0.06	0.03	0.03	0.04	0.05	0.02	0.04	0.05	0.04	0.04	0.09	0.04
Disapprove strongly	0.66	0.96	0.74	0.00	0.79	0.69	0.65	0.60	0.58	0.54	0.74	0.37	0.09	0.83	0.44	0.93	0.11	0.52	0.68
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Approve (net)	0.30	0.01	0.14	0.99	0.19	0.27	0.28	0.34	0.39	0.43	0.23	0.58	0.89	0.13	0.51	0.04	0.85	0.39	0.28
Disapprove (net)	0.70	0.99	0.86	0.01	0.81	0.73	0.72	0.66	0.61	0.57	0.77	0.42	0.11	0.87	0.49	0.96	0.15	0.61	0.72
No opinion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 5: If the presidential election were held today and the candidates were Democrat Joe Biden and Republican Donald Trump who would you vote for? (Likely Voters)

	Area			Region								Party Registration				Sex	
	Total	Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female
unweighted n	6756.00	5112.00	1644.00	1628.00	826.00	497.00	610.00	309.00	915.00	1692.00	279.00	4193.00	1207.00	1107.00	249.00	3027.00	3729.00
weighted n	6239.00	4430.00	1809.00	1566.00	560.00	517.00	642.00	292.00	1057.00	1345.00	260.00	3009.00	1580.00	1394.00	256.00	2949.00	3291.00
Joe Biden	0.67	0.70	0.58	0.71	0.64	0.56	0.59	0.65	0.58	0.78	0.65	0.95	0.08	0.73	0.64	0.63	0.70
Donald Trump	0.28	0.25	0.36	0.24	0.31	0.39	0.37	0.31	0.35	0.17	0.30	0.02	0.88	0.18	0.23	0.31	0.25
Undecided	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.04	0.06	0.05	0.04	0.03	0.04	0.08	0.13	0.05	0.05

Table 6: If the presidential election were held today and the candidates were Democrat Joe Biden and Republican Donald Trump who would you vote for? (Likely Voters)

	Age						Race				Nativity		Language (Latino only)		
	Total	18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	6756.00	968.00	1162.00	1080.00	1980.00	1027.00	539.00	4207.00	354.00	1348.00	638.00	5730.00	1026.00	1087.00	263.00
weighted n	6239.00	755.00	989.00	940.00	1751.00	1184.00	620.00	3378.00	448.00	1434.00	846.00	5020.00	1219.00	1056.00	382.00
Joe Biden	0.67	0.73	0.75	0.68	0.61	0.66	0.61	0.66	0.87	0.63	0.72	0.67	0.65	0.63	0.63
Donald Trump	0.28	0.20	0.21	0.27	0.32	0.31	0.36	0.31	0.07	0.30	0.21	0.29	0.27	0.33	0.23
Undecided	0.05	0.07	0.04	0.05	0.06	0.03	0.03	0.04	0.06	0.07	0.07	0.04	0.08	0.04	0.15

Table 7: If the presidential election were held today and the candidates were Democrat Joe Biden and Republican Donald Trump who would you vote for? (Likely Voters)

	Total	Ideology					Education					Income					Rent/Own			
		Very conservative	Some-conservative	Mod-erate	Some-liberal	Very liberal	No HS Diploma	HS Graduate	Some college/trade school	Bachelor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	6756.00	450.00	834.00	1892.00	1769.00	1811.00	68.00	460.00	1724.00	2323.00	2181.00	391.00	625.00	753.00	1551.00	2101.00	1166.00	169.00	3856.00	2900.00
weighted n	6239.00	656.00	1075.00	1962.00	1381.00	1165.00	267.00	1028.00	1995.00	1835.00	1114.00	500.00	711.00	802.00	1471.00	1742.00	845.00	167.00	3550.00	2689.00
Joe Biden	0.67	0.13	0.26	0.69	0.96	0.96	0.63	0.60	0.60	0.71	0.79	0.61	0.74	0.67	0.65	0.67	0.72	0.44	0.62	0.73
Donald Trump	0.28	0.84	0.66	0.23	0.02	0.01	0.21	0.35	0.36	0.24	0.17	0.29	0.20	0.26	0.31	0.30	0.25	0.50	0.34	0.21
Undecided	0.05	0.02	0.08	0.08	0.02	0.03	0.16	0.05	0.05	0.05	0.04	0.10	0.06	0.07	0.04	0.04	0.03	0.06	0.04	0.06

Table 8: If the presidential election were held today and the candidates were Democrat Joe Biden and Republican Donald Trump who would you vote for? (Likely Voters)

	Candidate Image				Race/Education/Sex						Evangelical			Health threat of virus in area			Views of Black Lives Matter			Reg. Date
	Total	Fav Biden/Unfav Trump	Unfav Biden/Unfav Trump	Fav Trump/Unfav Biden	College Female	College Male	Non-white No coll. Female	Non-white No coll. Male	White No coll. Female	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018	
unweighted n	6756.00	4072.00	1052.00	1193.00	2482.00	2022.00	535.00	427.00	712.00	578.00	5748.00	973.00	644.00	4863.00	1242.00	5000.00	1528.00	222.00	616.00	
weighted n	6239.00	3259.00	916.00	1544.00	1478.00	1471.00	890.00	743.00	923.00	734.00	4964.00	1230.00	754.00	4190.00	1289.00	4055.00	1883.00	292.00	806.00	
Joe Biden	0.67	0.98	0.71	0.00	0.79	0.69	0.68	0.61	0.57	0.54	0.74	0.39	0.10	0.84	0.43	0.93	0.11	0.54	0.67	
Donald Trump	0.28	0.00	0.14	0.98	0.17	0.26	0.25	0.32	0.39	0.42	0.21	0.56	0.87	0.11	0.50	0.03	0.83	0.31	0.25	
Undecided	0.05	0.01	0.15	0.02	0.04	0.05	0.07	0.08	0.04	0.04	0.05	0.05	0.03	0.05	0.07	0.04	0.05	0.15	0.08	

Table 9: Generally speaking, do you have a favorable or unfavorable opinion of Donald Trump? (Likely Voters)

	Area			Region								Party Registration				Sex	
	Total	Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female
unweighted n	6756.00	5112.00	1644.00	1628.00	826.00	497.00	610.00	309.00	915.00	1692.00	279.00	4193.00	1207.00	1107.00	249.00	3027.00	3729.00
weighted n	6239.00	4430.00	1809.00	1566.00	560.00	517.00	642.00	292.00	1057.00	1345.00	260.00	3009.00	1580.00	1394.00	256.00	2949.00	3291.00
Strongly favorable	0.18	0.16	0.25	0.15	0.18	0.26	0.24	0.20	0.25	0.11	0.21	0.02	0.60	0.09	0.08	0.19	0.17
Somewhat favorable	0.10	0.10	0.12	0.09	0.12	0.14	0.15	0.12	0.11	0.08	0.10	0.04	0.24	0.10	0.13	0.12	0.09
Somewhat unfavorable	0.05	0.05	0.05	0.06	0.06	0.06	0.04	0.05	0.06	0.03	0.04	0.03	0.07	0.07	0.07	0.06	0.04
Strongly unfavorable	0.65	0.68	0.57	0.68	0.63	0.54	0.57	0.61	0.57	0.77	0.65	0.90	0.09	0.72	0.69	0.62	0.67
No opinion	0.02	0.02	0.01	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.02	0.02	0.01	0.02
Favorable (net)	0.29	0.26	0.37	0.24	0.30	0.40	0.38	0.32	0.35	0.19	0.31	0.05	0.83	0.18	0.22	0.31	0.27
Unfavorable (net)	0.70	0.73	0.62	0.73	0.69	0.59	0.61	0.67	0.63	0.80	0.68	0.93	0.15	0.79	0.76	0.68	0.72
No opinion	0.02	0.02	0.01	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.02	0.02	0.01	0.02



Table 10: Generally speaking, do you have a favorable or unfavorable opinion of Donald Trump? (Likely Voters)

	Age						Race				Nativity		Language (Latino only)		
	Total	18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	6756.00	968.00	1162.00	1080.00	1980.00	1027.00	539.00	4207.00	354.00	1348.00	638.00	5730.00	1026.00	1087.00	263.00
weighted n	6239.00	755.00	989.00	940.00	1751.00	1184.00	620.00	3378.00	448.00	1434.00	846.00	5020.00	1219.00	1056.00	382.00
Strongly favorable	0.18	0.10	0.13	0.14	0.21	0.23	0.27	0.19	0.05	0.20	0.15	0.18	0.19	0.22	0.15
Somewhat favorable	0.10	0.09	0.07	0.13	0.12	0.10	0.11	0.11	0.05	0.12	0.09	0.10	0.12	0.11	0.13
Somewhat unfavorable	0.05	0.05	0.05	0.07	0.05	0.03	0.04	0.04	0.05	0.07	0.03	0.04	0.08	0.04	0.15
Strongly unfavorable	0.65	0.73	0.73	0.65	0.60	0.62	0.59	0.65	0.82	0.58	0.72	0.66	0.58	0.61	0.48
No opinion	0.02	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.03	0.04	0.02	0.01	0.03	0.02	0.08
Favorable (net)	0.29	0.19	0.20	0.27	0.33	0.33	0.38	0.30	0.10	0.31	0.23	0.28	0.31	0.32	0.28
Unfavorable (net)	0.70	0.78	0.79	0.72	0.65	0.65	0.62	0.69	0.87	0.65	0.75	0.71	0.66	0.66	0.64
No opinion	0.02	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.03	0.04	0.02	0.01	0.03	0.02	0.08

Table 11: Generally speaking, do you have a favorable or unfavorable opinion of Donald Trump? (Likely Voters)

	Total	Ideology					Education					Income					Rent/Own			
		Very conservative	Somewhat conservative	Moderate	Somewhat liberal	Very liberal	No HS Diploma	HS Graduate	Some college/trade school	Bachelor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	6756.00	450.00	834.00	1892.00	1769.00	1811.00	68.00	460.00	1724.00	2323.00	2181.00	391.00	625.00	753.00	1551.00	2101.00	1166.00	169.00	3856.00	2900.00
weighted n	6239.00	656.00	1075.00	1962.00	1381.00	1165.00	267.00	1028.00	1995.00	1835.00	1114.00	500.00	711.00	802.00	1471.00	1742.00	845.00	167.00	3550.00	2689.00
Strongly favorable	0.18	0.71	0.41	0.11	0.02	0.01	0.15	0.24	0.23	0.15	0.11	0.18	0.17	0.15	0.22	0.17	0.15	0.35	0.22	0.13
Somewhat favorable	0.10	0.13	0.24	0.13	0.02	0.02	0.11	0.10	0.12	0.10	0.08	0.14	0.06	0.12	0.09	0.11	0.10	0.15	0.12	0.08
Somewhat unfavorable	0.05	0.03	0.08	0.09	0.02	0.01	0.11	0.05	0.05	0.05	0.03	0.03	0.07	0.07	0.05	0.04	0.04	0.07	0.05	0.05
Strongly unfavorable	0.65	0.11	0.27	0.65	0.93	0.96	0.57	0.59	0.58	0.69	0.77	0.59	0.68	0.64	0.63	0.66	0.70	0.43	0.60	0.71
No opinion	0.02	0.02	0.01	0.03	0.01	0.00	0.06	0.02	0.02	0.01	0.00	0.06	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.02
Favorable (net)	0.29	0.84	0.64	0.23	0.04	0.03	0.26	0.33	0.35	0.25	0.19	0.32	0.23	0.27	0.31	0.29	0.25	0.50	0.34	0.22
Unfavorable (net)	0.70	0.14	0.34	0.74	0.95	0.97	0.68	0.65	0.63	0.74	0.80	0.62	0.75	0.71	0.68	0.70	0.74	0.50	0.65	0.76
No opinion	0.02	0.02	0.01	0.03	0.01	0.00	0.06	0.02	0.02	0.01	0.00	0.06	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.02

Table 12: Generally speaking, do you have a favorable or unfavorable opinion of Donald Trump? (Likely Voters)

	Candidate Image			Race/Education/Sex						Evangelical		Health threat of virus in area			Views of Black Lives Matter			Reg. Date	
	Total	Fav Biden/Unfav Trump	Unfav Biden/Unfav Trump	Fav Trump/Unfav Biden	College Fe-male	College Male	Non-white No coll. Fe-male	Non-white No coll. Male	White No coll. Fe-male	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018
unweighted n	6756.00	4072.00	1052.0	1193.00	2482.00	2022.00	535.00	427.00	712.00	578.00	5748.00	973.00	644.00	4863.00	1242.00	5000.00	1528.00	222.00	616.00
weighted n	6239.00	3259.00	916.0	1544.00	1478.00	1471.00	890.00	743.00	923.00	734.00	4964.00	1230.00	754.00	4190.00	1289.00	4055.00	1883.00	292.00	806.00
Strongly favorable	0.18	0.00	0.0	0.67	0.12	0.15	0.17	0.21	0.26	0.26	0.13	0.41	0.65	0.07	0.28	0.02	0.53	0.18	0.17
Somewhat favorable	0.10	0.00	0.0	0.33	0.08	0.11	0.10	0.11	0.11	0.15	0.09	0.14	0.20	0.06	0.20	0.03	0.26	0.13	0.09
Somewhat unfavorable	0.05	0.03	0.2	0.00	0.03	0.06	0.06	0.08	0.05	0.04	0.05	0.06	0.04	0.05	0.07	0.03	0.08	0.08	0.03
Strongly unfavorable	0.65	0.97	0.8	0.00	0.76	0.68	0.63	0.56	0.57	0.55	0.72	0.36	0.11	0.81	0.44	0.90	0.12	0.49	0.66
No opinion	0.02	0.00	0.0	0.00	0.01	0.00	0.04	0.04	0.01	0.01	0.01	0.03	0.01	0.02	0.01	0.01	0.01	0.11	0.04
Favorable (net)	0.29	0.00	0.0	1.00	0.20	0.26	0.27	0.32	0.37	0.41	0.22	0.55	0.85	0.13	0.48	0.05	0.79	0.31	0.27
Unfavorable (net)	0.70	1.00	1.0	0.00	0.79	0.74	0.69	0.64	0.62	0.59	0.77	0.42	0.14	0.85	0.51	0.93	0.20	0.57	0.69
No opinion	0.02	0.00	0.0	0.00	0.01	0.00	0.04	0.04	0.01	0.01	0.01	0.03	0.01	0.02	0.01	0.01	0.01	0.11	0.04

Table 13: Generally speaking, do you have a favorable or unfavorable opinion of Joe Biden? (Likely Voters)

	Area			Region								Party Registration				Sex	
	Total	Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female
unweighted n	6756.00	5112.00	1644.00	1628.00	826.00	497.00	610.00	309.00	915.00	1692.00	279.00	4193.00	1207.00	1107.00	249.00	3027.00	3729.00
weighted n	6239.00	4430.00	1809.00	1566.00	560.00	517.00	642.00	292.00	1057.00	1345.00	260.00	3009.00	1580.00	1394.00	256.00	2949.00	3291.00
Strongly favorable	0.21	0.22	0.19	0.25	0.16	0.14	0.22	0.22	0.18	0.24	0.15	0.33	0.04	0.15	0.13	0.19	0.23
Somewhat favorable	0.35	0.37	0.30	0.35	0.34	0.31	0.26	0.33	0.31	0.42	0.40	0.46	0.06	0.43	0.42	0.34	0.36
Somewhat unfavorable	0.14	0.14	0.13	0.14	0.18	0.15	0.12	0.13	0.14	0.12	0.12	0.11	0.15	0.16	0.17	0.14	0.13
Strongly unfavorable	0.26	0.23	0.34	0.21	0.29	0.34	0.35	0.29	0.32	0.17	0.31	0.05	0.72	0.20	0.23	0.29	0.24
No opinion	0.05	0.05	0.04	0.05	0.02	0.06	0.05	0.03	0.04	0.05	0.02	0.04	0.04	0.07	0.05	0.04	0.05
Favorable (net)	0.56	0.59	0.49	0.60	0.51	0.45	0.48	0.55	0.50	0.66	0.55	0.79	0.10	0.58	0.55	0.53	0.59
Unfavorable (net)	0.40	0.37	0.46	0.35	0.47	0.49	0.47	0.41	0.46	0.29	0.43	0.17	0.87	0.35	0.40	0.43	0.36
No opinion	0.05	0.05	0.04	0.05	0.02	0.06	0.05	0.03	0.04	0.05	0.02	0.04	0.04	0.07	0.05	0.04	0.05

Table 14: Generally speaking, do you have a favorable or unfavorable opinion of Joe Biden? (Likely Voters)

	Age						Race				Nativity		Language (Latino only)		
	Total	18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	6756.00	968.00	1162.00	1080.00	1980.00	1027.00	539.00	4207.00	354.00	1348.00	638.00	5730.00	1026.00	1087.00	263.00
weighted n	6239.00	755.00	989.00	940.00	1751.00	1184.00	620.00	3378.00	448.00	1434.00	846.00	5020.00	1219.00	1056.00	382.00
Strongly favorable	0.21	0.06	0.11	0.17	0.24	0.30	0.36	0.20	0.37	0.21	0.18	0.20	0.25	0.18	0.28
Somewhat favorable	0.35	0.34	0.43	0.42	0.33	0.32	0.23	0.36	0.34	0.31	0.40	0.35	0.34	0.29	0.34
Somewhat unfavorable	0.14	0.28	0.22	0.13	0.09	0.07	0.09	0.14	0.12	0.14	0.14	0.14	0.11	0.16	0.10
Strongly unfavorable	0.26	0.24	0.20	0.23	0.28	0.29	0.30	0.28	0.08	0.27	0.20	0.27	0.21	0.31	0.17
No opinion	0.05	0.08	0.04	0.05	0.06	0.02	0.02	0.02	0.09	0.07	0.08	0.04	0.08	0.05	0.11
Favorable (net)	0.56	0.40	0.54	0.59	0.57	0.62	0.59	0.56	0.71	0.51	0.58	0.55	0.59	0.48	0.61
Unfavorable (net)	0.40	0.52	0.42	0.36	0.37	0.36	0.39	0.42	0.20	0.42	0.34	0.41	0.33	0.47	0.27
No opinion	0.05	0.08	0.04	0.05	0.06	0.02	0.02	0.02	0.09	0.07	0.08	0.04	0.08	0.05	0.11

Table 15: Generally speaking, do you have a favorable or unfavorable opinion of Joe Biden? (Likely Voters)

	Total	Ideology					Education					Income					Rent/Own			
		Very conservative	Somewhat conservative	Mod-erate	Somewhat liberal	Very liberal	No HS Diploma	HS Graduate	Some college/trade school	Bachelor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	6756.00	450.00	834.00	1892.00	1769.00	1811.00	68.00	460.00	1724.00	2323.00	2181.00	391.00	625.00	753.00	1551.00	2101.00	1166.00	169.00	3856.00	2900.00
weighted n	6239.00	656.00	1075.00	1962.00	1381.00	1165.00	267.00	1028.00	1995.00	1835.00	1114.00	500.00	711.00	802.00	1471.00	1742.00	845.00	167.00	3550.00	2689.00
Strongly favorable	0.21	0.12	0.10	0.22	0.30	0.24	0.31	0.20	0.20	0.19	0.24	0.18	0.30	0.21	0.20	0.19	0.23	0.13	0.22	0.20
Somewhat favorable	0.35	0.04	0.15	0.38	0.50	0.47	0.30	0.26	0.30	0.39	0.46	0.27	0.30	0.34	0.34	0.37	0.42	0.29	0.34	0.35
Somewhat unfavorable	0.14	0.05	0.16	0.14	0.11	0.18	0.05	0.14	0.14	0.16	0.11	0.18	0.12	0.13	0.13	0.15	0.11	0.10	0.12	0.16
Strongly unfavorable	0.26	0.75	0.53	0.20	0.05	0.09	0.19	0.33	0.31	0.23	0.17	0.26	0.21	0.25	0.30	0.25	0.21	0.44	0.29	0.22
No opinion	0.05	0.04	0.06	0.07	0.03	0.02	0.15	0.06	0.05	0.03	0.02	0.11	0.07	0.06	0.03	0.03	0.03	0.03	0.03	0.07
Favorable (net)	0.56	0.16	0.25	0.60	0.81	0.71	0.61	0.46	0.50	0.58	0.71	0.45	0.60	0.55	0.54	0.57	0.65	0.42	0.56	0.55
Unfavorable (net)	0.40	0.80	0.70	0.33	0.16	0.27	0.24	0.47	0.45	0.39	0.28	0.45	0.33	0.39	0.43	0.40	0.32	0.55	0.41	0.38
No opinion	0.05	0.04	0.06	0.07	0.03	0.02	0.15	0.06	0.05	0.03	0.02	0.11	0.07	0.06	0.03	0.03	0.03	0.03	0.03	0.07

Table 16: Generally speaking, do you have a favorable or unfavorable opinion of Joe Biden? (Likely Voters)

	Candidate Image				Race/Education/Sex						Evangelical		Health threat of virus in area			Views of Black Lives Matter			Reg. Date
	Total	Fav Biden/Unfav Trump	Unfav Biden/Unfav Trump	Fav Trump/Unfav Biden	College Fe-male	College Male	Non-white No coll. Fe-male	Non-white No coll. Male	White No coll. Fe-male	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018
unweighted n	6756.00	4072.00	1052.00	1193.00	2482.00	2022.00	535.00	427.00	712.00	578.00	5748.00	973.00	644.00	4863.00	1242.00	5000.00	1528.00	222.00	616.00
weighted n	6239.00	3259.00	916.00	1544.00	1478.00	1471.00	890.00	743.00	923.00	734.00	4964.00	1230.00	754.00	4190.00	1289.00	4055.00	1883.00	292.00	806.00
Strongly favorable	0.21	0.37	0.00	0.00	0.23	0.19	0.25	0.24	0.20	0.15	0.22	0.16	0.04	0.27	0.11	0.29	0.05	0.14	0.18
Somewhat favorable	0.35	0.63	0.00	0.00	0.44	0.39	0.31	0.27	0.29	0.30	0.39	0.19	0.06	0.44	0.22	0.48	0.08	0.29	0.32
Somewhat unfavorable	0.14	0.00	0.65	0.16	0.13	0.15	0.11	0.12	0.14	0.15	0.14	0.13	0.08	0.13	0.19	0.13	0.15	0.12	0.16
Strongly unfavorable	0.26	0.00	0.35	0.84	0.17	0.24	0.25	0.28	0.34	0.38	0.21	0.46	0.78	0.12	0.42	0.07	0.68	0.18	0.25
No opinion	0.05	0.00	0.00	0.00	0.03	0.03	0.09	0.09	0.03	0.03	0.04	0.05	0.03	0.04	0.06	0.03	0.04	0.27	0.09
Favorable (net)	0.56	1.00	0.00	0.00	0.67	0.58	0.55	0.50	0.49	0.44	0.61	0.36	0.10	0.71	0.34	0.77	0.13	0.43	0.50
Unfavorable (net)	0.40	0.00	1.00	1.00	0.30	0.39	0.36	0.41	0.48	0.52	0.35	0.59	0.87	0.25	0.60	0.20	0.83	0.30	0.41
No opinion (net)	0.05	0.00	0.00	0.00	0.03	0.03	0.09	0.09	0.03	0.03	0.04	0.05	0.03	0.04	0.06	0.03	0.04	0.27	0.09

Table 17: Do you favor or oppose Biden choosing Senator Kamala Harris as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Area		Region								Party Registration				Sex	
		Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female
unweighted n	4193.00	3316.00	877.00	1122.00	495.00	256.00	311.00	170.00	496.00	1177.00	166.00	4193.00	0	0	0	1659.00	2534.00
weighted n	3009.00	2251.00	759.00	851.00	239.00	197.00	275.00	131.00	438.00	762.00	118.00	3009.00	0	0	0	1256.00	1753.00
Favor strongly	0.34	0.33	0.36	0.34	0.36	0.34	0.40	0.37	0.34	0.31	0.27	0.34	0	0	0	0.32	0.36
Favor somewhat	0.34	0.34	0.33	0.34	0.36	0.30	0.32	0.37	0.33	0.35	0.31	0.34	0	0	0	0.34	0.34
Oppose somewhat	0.13	0.13	0.11	0.14	0.16	0.11	0.10	0.12	0.11	0.12	0.18	0.13	0	0	0	0.13	0.12
Oppose strongly	0.07	0.07	0.06	0.08	0.04	0.09	0.06	0.04	0.05	0.08	0.09	0.07	0	0	0	0.08	0.06
No opinion	0.13	0.12	0.15	0.10	0.09	0.15	0.12	0.10	0.16	0.14	0.14	0.13	0	0	0	0.13	0.12
Favor (net)	0.68	0.68	0.69	0.68	0.71	0.65	0.72	0.74	0.68	0.66	0.59	0.68	0	0	0	0.66	0.70
Oppose (net)	0.19	0.20	0.17	0.21	0.20	0.20	0.16	0.16	0.16	0.20	0.27	0.19	0	0	0	0.22	0.18
No opinion (net)	0.13	0.12	0.15	0.10	0.09	0.15	0.12	0.10	0.16	0.14	0.14	0.13	0	0	0	0.13	0.12

Table 18: Do you favor or oppose Biden choosing Senator Kamala Harris as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Age							Race				Nativity		Language (Latino only)	
	Total	18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	4193.00	677.00	788.00	661.00	1109.00	642.00	316.00	2607.00	273.00	859.00	390.00	3568.00	625.00	682.00	178.00
weighted n	3009.00	397.00	509.00	451.00	783.00	607.00	263.00	1551.00	330.00	720.00	389.00	2419.00	590.00	519.00	201.00
Favor strongly	0.34	0.24	0.33	0.40	0.38	0.32	0.31	0.32	0.40	0.40	0.28	0.33	0.39	0.36	0.50
Favor somewhat	0.34	0.31	0.30	0.33	0.35	0.39	0.34	0.37	0.29	0.30	0.34	0.34	0.33	0.30	0.30
Oppose somewhat	0.13	0.16	0.17	0.11	0.10	0.11	0.14	0.13	0.12	0.10	0.15	0.14	0.07	0.13	0.02
Oppose strongly	0.07	0.09	0.07	0.05	0.05	0.10	0.06	0.08	0.07	0.06	0.05	0.08	0.04	0.08	0.02
No opinion	0.13	0.20	0.13	0.12	0.12	0.09	0.15	0.10	0.12	0.14	0.19	0.12	0.17	0.14	0.16
Favor (net)	0.68	0.55	0.63	0.73	0.73	0.71	0.65	0.69	0.69	0.69	0.61	0.67	0.72	0.65	0.81
Oppose (net)	0.19	0.25	0.24	0.15	0.15	0.20	0.20	0.21	0.19	0.16	0.20	0.21	0.11	0.21	0.04
No opinion	0.13	0.20	0.13	0.12	0.12	0.09	0.15	0.10	0.12	0.14	0.19	0.12	0.17	0.14	0.16

Table 19: Do you favor or oppose Biden choosing Senator Kamala Harris as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Ideology				Education						Income					Rent/Own			
		Very conservative	Some-what conservative	Mod-erate	Some-what liberal	Very liberal	No HS Diploma	HS Grad-uate	Some col-lege/trade school	Bach-elor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	4193.00	40.00	173.00	1022.00	1410.00	1548.00	38.00	272.00	957.00	1477.00	1449.00	256.00	422.00	495.00	979.00	1236.00	734.00	71.00	2201.00	1992.00
weighted n	3009.00	64.00	225.00	860.00	966.00	894.00	124.00	514.00	883.00	891.00	598.00	261.00	385.00	432.00	708.00	765.00	404.00	55.00	1516.00	1493.00
Favor strongly	0.34	0.57	0.27	0.33	0.34	0.35	0.23	0.37	0.38	0.32	0.30	0.28	0.38	0.36	0.31	0.35	0.35	0.30	0.36	0.32
Favor somewhat	0.34	0.25	0.30	0.34	0.36	0.33	0.28	0.29	0.31	0.36	0.41	0.32	0.29	0.30	0.36	0.37	0.35	0.39	0.35	0.33
Oppose somewhat	0.13	0.00	0.07	0.12	0.13	0.14	0.10	0.11	0.13	0.13	0.13	0.10	0.10	0.10	0.13	0.14	0.15	0.11	0.13	0.13
Oppose strongly	0.07	0.11	0.08	0.07	0.05	0.08	0.03	0.06	0.06	0.09	0.07	0.08	0.07	0.09	0.06	0.05	0.07	0.08	0.06	0.07
No opinion	0.13	0.07	0.27	0.13	0.12	0.10	0.36	0.17	0.12	0.11	0.08	0.22	0.15	0.15	0.13	0.09	0.08	0.13	0.10	0.15
Favor (net)	0.68	0.82	0.58	0.67	0.70	0.68	0.51	0.66	0.69	0.68	0.72	0.59	0.67	0.66	0.68	0.72	0.70	0.69	0.71	0.65
Oppose (net)	0.19	0.12	0.15	0.20	0.18	0.22	0.13	0.17	0.19	0.21	0.20	0.18	0.17	0.19	0.20	0.20	0.22	0.18	0.19	0.20
No opinion	0.13	0.07	0.27	0.13	0.12	0.10	0.36	0.17	0.12	0.11	0.08	0.22	0.15	0.15	0.13	0.09	0.08	0.13	0.10	0.15

Table 20: Do you favor or oppose Biden choosing Senator Kamala Harris as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Candidate Image			Race/Education/Sex						Evangelical		Health threat of virus in area			Views of Black Lives Matter			Reg. Date
		Fav Biden/Unfav Trump	Unfav Biden/Unfav Trump	Fav Trump/Unfav Biden	College Fe-male	College Male	Non-white No coll. Fe-male	Non-white No coll. Male	White No coll. Fe-male	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018
unweighted n	4193.00	3212.00	667.00	58.00	1789.00	1137.00	351.00	241.00	394.00	281.00	3835.00	348.00	81.00	3561.00	549.00	3864.00	221.00	104.00	387.00
weighted n	3009.00	2256.00	450.00	51.00	883.00	606.00	480.00	376.00	390.00	275.00	2642.00	361.00	75.00	2523.00	410.00	2698.00	191.00	114.00	389.00
Favor	0.34	0.39	0.16	0.07	0.33	0.30	0.41	0.38	0.36	0.27	0.32	0.46	0.41	0.35	0.24	0.35	0.15	0.33	0.39
strongly Favor	0.34	0.37	0.27	0.07	0.38	0.38	0.27	0.27	0.34	0.35	0.35	0.25	0.20	0.35	0.30	0.35	0.22	0.20	0.27
somewhat Oppose	0.13	0.11	0.23	0.13	0.12	0.14	0.11	0.10	0.13	0.16	0.13	0.11	0.11	0.12	0.16	0.13	0.12	0.13	0.10
somewhat Oppose strongly	0.07	0.04	0.18	0.40	0.06	0.11	0.05	0.05	0.06	0.08	0.07	0.05	0.16	0.06	0.10	0.06	0.25	0.06	0.04
No opinion	0.13	0.09	0.16	0.32	0.11	0.08	0.16	0.21	0.12	0.13	0.13	0.13	0.12	0.11	0.21	0.11	0.25	0.28	0.20
Favor (net)	0.68	0.75	0.43	0.15	0.71	0.68	0.68	0.65	0.69	0.63	0.67	0.71	0.60	0.70	0.54	0.71	0.38	0.53	0.66
Oppose (net)	0.19	0.15	0.41	0.53	0.19	0.24	0.16	0.15	0.19	0.24	0.20	0.16	0.28	0.18	0.25	0.18	0.37	0.19	0.15
No opinion	0.13	0.09	0.16	0.32	0.11	0.08	0.16	0.21	0.12	0.13	0.13	0.13	0.12	0.11	0.21	0.11	0.25	0.28	0.20

Table 21: Do you favor or oppose Biden choosing Congresswoman Karen Bass as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Area			Region								Party Registration				Sex	
		Coastal	Inland	Los Angeles	San Diego	Orange	Inland Empire	Other South	Central Valley	Bay Area	Other North	Democrat	Republican	NPP	Other	Male	Female	
unweighted n	4193.00	3316.00	877.00	1122.00	495.00	256.00	311.00	170.00	496.00	1177.00	166.00	4193.00	0	0	0	1659.00	2534.00	
weighted n	3009.00	2251.00	759.00	851.00	239.00	197.00	275.00	131.00	438.00	762.00	118.00	3009.00	0	0	0	1256.00	1753.00	
Favor strongly	0.14	0.14	0.13	0.19	0.10	0.12	0.14	0.12	0.13	0.12	0.13	0.14	0	0	0	0.13	0.15	
Favor somewhat	0.32	0.33	0.29	0.37	0.28	0.33	0.24	0.37	0.32	0.31	0.29	0.32	0	0	0	0.32	0.32	
Oppose somewhat	0.08	0.08	0.07	0.09	0.09	0.09	0.07	0.07	0.06	0.06	0.05	0.08	0	0	0	0.09	0.06	
Oppose strongly	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.04	0.02	0.03	0.02	0	0	0	0.03	0.02	
No opinion	0.44	0.42	0.48	0.32	0.52	0.44	0.54	0.43	0.45	0.49	0.50	0.44	0	0	0	0.42	0.45	
Favor (net)	0.46	0.47	0.42	0.56	0.38	0.45	0.38	0.49	0.44	0.42	0.42	0.46	0	0	0	0.45	0.47	
Oppose (net)	0.10	0.10	0.09	0.12	0.10	0.11	0.08	0.08	0.10	0.09	0.08	0.10	0	0	0	0.12	0.08	
No opinion	0.44	0.42	0.48	0.32	0.52	0.44	0.54	0.43	0.45	0.49	0.50	0.44	0	0	0	0.42	0.45	

Table 22: Do you favor or oppose Biden choosing Congresswoman Karen Bass as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Age						Race				Nativity		Language (Latino only)	
		18-29	30-39	40-49	50-64	65-74	75+	Non-Hisp. White	Black	Latino	Asian/Pac Isle.	Native-born	Foreign-born	English Dominant	Spanish Dominant
unweighted n	4193.00	677.00	788.00	661.00	1109.00	642.00	316.00	2607.00	273.00	859.00	390.00	3568.00	625.00	682.00	178.00
weighted n	3009.00	397.00	509.00	451.00	783.00	607.00	263.00	1551.00	330.00	720.00	389.00	2419.00	590.00	519.00	201.00
Favor strongly	0.14	0.13	0.12	0.18	0.17	0.10	0.10	0.11	0.20	0.19	0.11	0.13	0.18	0.17	0.24
Favor somewhat	0.32	0.26	0.29	0.33	0.34	0.37	0.31	0.32	0.31	0.35	0.27	0.32	0.34	0.33	0.41
Oppose somewhat	0.08	0.07	0.07	0.05	0.08	0.09	0.10	0.07	0.06	0.10	0.07	0.07	0.09	0.11	0.08
Oppose strongly	0.02	0.01	0.02	0.02	0.03	0.04	0.03	0.02	0.06	0.02	0.01	0.02	0.02	0.02	0.03
No opinion	0.44	0.53	0.50	0.41	0.39	0.41	0.46	0.48	0.37	0.34	0.53	0.46	0.37	0.38	0.24
Favor (net)	0.46	0.39	0.41	0.51	0.51	0.47	0.41	0.43	0.51	0.54	0.39	0.45	0.52	0.50	0.65
Oppose (net)	0.10	0.08	0.09	0.08	0.11	0.12	0.13	0.09	0.13	0.12	0.09	0.10	0.11	0.13	0.11
No opinion	0.44	0.53	0.50	0.41	0.39	0.41	0.46	0.48	0.37	0.34	0.53	0.46	0.37	0.38	0.24

Table 23: Do you favor or oppose Biden choosing Congresswoman Karen Bass as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Total	Ideology				Education						Income					Rent/Own			
		Very conservative	Some-what conservative	Mod-erate	Some-what liberal	Very liberal	No HS Diploma	HS Grad-uate	Some col-lege/trade school	Bach-elor's	Postgrad	Less than \$20k	\$20k to 39k	\$40k to 59k	\$60k to 99k	\$100k to 199k	\$200k plus	Refused	Own	Rent/Other
unweighted n	4193.00	40.00	173.00	1022.00	1410.00	1548.00	38.00	272.00	957.00	1477.00	1449.00	256.00	422.00	495.00	979.00	1236.00	734.00	71.00	2201.00	1992.00
weighted n	3009.00	64.00	225.00	860.00	966.00	894.00	124.00	514.00	883.00	891.00	598.00	261.00	385.00	432.00	708.00	765.00	404.00	55.00	1516.00	1493.00
Favor strongly	0.14	0.29	0.17	0.13	0.10	0.16	0.08	0.15	0.16	0.12	0.14	0.11	0.18	0.13	0.13	0.15	0.12	0.12	0.13	0.15
Favor somewhat	0.32	0.24	0.28	0.34	0.31	0.33	0.30	0.32	0.33	0.29	0.36	0.34	0.28	0.28	0.36	0.33	0.33	0.30	0.34	0.30
Oppose somewhat	0.08	0.16	0.09	0.09	0.08	0.06	0.09	0.06	0.08	0.07	0.07	0.07	0.09	0.07	0.07	0.07	0.07	0.11	0.08	0.07
Oppose strongly	0.02	0.05	0.02	0.04	0.02	0.02	0.00	0.03	0.02	0.03	0.02	0.01	0.02	0.05	0.02	0.02	0.02	0.01	0.03	0.02
No opinion	0.44	0.26	0.44	0.40	0.49	0.43	0.53	0.44	0.40	0.49	0.40	0.47	0.43	0.46	0.42	0.43	0.46	0.45	0.42	0.46
Favor (net)	0.46	0.53	0.45	0.47	0.42	0.49	0.38	0.47	0.49	0.41	0.50	0.45	0.46	0.41	0.49	0.47	0.45	0.43	0.47	0.45
Oppose (net)	0.10	0.21	0.11	0.13	0.09	0.07	0.09	0.09	0.11	0.10	0.10	0.08	0.11	0.13	0.09	0.10	0.09	0.12	0.11	0.09
No opinion	0.44	0.26	0.44	0.40	0.49	0.43	0.53	0.44	0.40	0.49	0.40	0.47	0.43	0.46	0.42	0.43	0.46	0.45	0.42	0.46

Table 24: Do you favor or oppose Biden choosing Congresswoman Karen Bass as his vice presidential running mate on the Democratic Party ticket for the November presidential election? (Likely Voters Registered as Democrats)

	Candidate Image				Race/Education/Sex						Evangelical		Health threat of virus in area			Views of Black Lives Matter			Reg. Date
	Total	Fav Biden/Unfav Trump	Unfav Biden/Unfav Trump	Fav Trump/Unfav Biden	College Fe-male	College Male	Non-white No coll. Fe-male	Non-white No coll. Male	White No coll. Fe-male	White No coll. Male	Not Evang. Christian	Evang. Christian	Less serious	More serious	About the same	Favorable	Unfavorable	No opinion	Newly registered since 2018
unweighted n	4193.00	3212.00	667.00	58.00	1789.00	1137.00	351.00	241.00	394.00	281.00	3835.00	348.00	81.00	3561.00	549.00	3864.00	221.00	104.00	387.00
weighted n	3009.00	2256.00	450.00	51.00	883.00	606.00	480.00	376.00	390.00	275.00	2642.00	361.00	75.00	2523.00	410.00	2698.00	191.00	114.00	389.00
Favor	0.14	0.14	0.14	0.04	0.13	0.12	0.19	0.17	0.11	0.10	0.13	0.21	0.18	0.14	0.11	0.14	0.04	0.25	0.17
strongly Favor	0.32	0.35	0.26	0.07	0.33	0.30	0.33	0.35	0.30	0.33	0.33	0.30	0.15	0.34	0.27	0.33	0.22	0.18	0.27
somewhat Oppose	0.08	0.07	0.07	0.18	0.06	0.10	0.08	0.11	0.06	0.07	0.07	0.09	0.26	0.07	0.08	0.07	0.12	0.09	0.08
strongly Oppose	0.02	0.02	0.02	0.09	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.07	0.09	0.02	0.02	0.02	0.09	0.01	0.02
No opinion	0.44	0.41	0.51	0.62	0.46	0.45	0.38	0.35	0.51	0.49	0.45	0.33	0.32	0.43	0.53	0.43	0.53	0.46	0.46
Favor (net)	0.46	0.49	0.39	0.11	0.46	0.42	0.52	0.52	0.41	0.43	0.45	0.51	0.34	0.48	0.37	0.47	0.26	0.44	0.44
Oppose (net)	0.10	0.10	0.09	0.27	0.08	0.13	0.11	0.14	0.08	0.08	0.09	0.16	0.34	0.09	0.09	0.09	0.21	0.10	0.10
No opinion	0.44	0.41	0.51	0.62	0.46	0.45	0.38	0.35	0.51	0.49	0.45	0.33	0.32	0.43	0.53	0.43	0.53	0.46	0.46