California Survey February 20-23, 2020		
Sample Size (Weighted)		1822
Sample Size (Weighted)	Entire sample	1822
1822 interviews collected online February 20-23, 2020	Democratic primary voters	1069
	Republican primary voters	544
Margin of error (95% confidence level)*	Entire sample	2.3%
*Note that we believe the traditional margin of error calculation to be of limited value, as it only reflects one type of error in surveys	Democratic primary voters	3.4%
	Republican primary voters	4.1%
Full Sample		
Regardless of what you think of the political parties, which party are		
you registered to vote with?	The Democratic Party	53
	The Democratic Party The Republican Party	
	-	29
	The Republican Party	29 15
	The Republican Party Registered to vote, but not with a political party	29 15 3
you registered to vote with? In the last few weeks, how much have you heard about each of the	The Republican Party Registered to vote, but not with a political party Other (specified)	29 15 3 87
you registered to vote with? In the last few weeks, how much have you heard about each of the	The Republican Party Registered to vote, but not with a political party Other (specified) A lot	29 15 3 87 11
you registered to vote with? In the last few weeks, how much have you heard about each of the	The Republican Party Registered to vote, but not with a political party Other (specified) A lot Some	29 15 3 87 11 2
you registered to vote with? In the last few weeks, how much have you heard about each of the	The Republican Party Registered to vote, but not with a political party Other (specified) A lot Some A little	3

California Survey		
February 20-23, 2020		
	A little	11
	Nothing at all	12
		12
In the last few weeks, how much have you heard about each of the		
following? - Tension between the US and Iran	A lot	35
	Some	37
	A little	20
	Nothing at all	8
In the last few weeks, how much have you heard about each of the following? - The Democratic presidential primary	A lot	82
	Some	14
	A little	4
	Nothing at all	1
In the November 2016 election, did you vote for:	Hillary Clinton, the Democrat	58
	Donald Trump, the Republican	28
	Did not vote	9
	Gary Johnson, the Libertarian	3
	Jill Stein, the Green Party	1
	Evan McMullin, the Independent	1
On a scale of 1-10, how do you feel about President Donald Trump? 1 means you strongly oppose him and 10 means you strongly		
support him.	1	58
	2	2
	3	1
	4	1
	5	2
	6	1

California Survey February 20-23, 2020			
		7	2
		8	5
		9	3
		10	23
Open-ended Issues - Top issues categorized by our issues			
classification engine	Healthcare Access and Insurance		13
	Climate and Environment		11
	Illegal Immigration		11
	Democratic Solidarity and Republican Opposition		5
	Corruption and Accountability		4
	Immigration		4
	Housing		4
	Minority Rights		4
	Taxes		3
	Cost of Living		3
	Homelessness		3
	Bipartisanship and Civility		3
	Jobs and the Economy		3
	<b>Republican Solidarity and Democratic Opposition</b>		2
	Jobs		2
	Social Security		2
	Constitutional Rights		2
	Gun Rights		1
	Education		1
	Crime and Public Safety		1
Have you already voted in March 3 primary election?	Yes, I voted in the Democratic primary		23
	Yes, I voted in the Republican primary		15

California Survey February 20-23, 2020		
	Yes, but I did not vote in either party's primary	3
	No, I have not voted yet	57
	I will not vote in this election	2
[If respondent has NOT voted yet] This year, do you plan to:	Definitely vote in the Democratic party's primary election	58
	Probably vote in the Democratic party's primary election	6
	Definitely vote in the Republican party's primary election	23
	Probably vote in the Republican party's primary election	3
	Wait until the general election in November to vote	9
	Not vote in any election this year	0
Republican Primary Voters Only		
Who was the best president in recent history?	Donald Trump	69
····· ,·	Barack Obama	3
	Bill Clinton	1
	Ronald Reagan	22
	Not sure	3
	Other (specified)	2
Are you registered to vote as a permanent vote-by-mail voter or have you requested an absentee ballot specifically for the March 3 election?	Yes, I'm going to vote by mail	62
	No, I'm going to vote in person	32
	I'm not sure	6
Who do you want the Democrats to nominate as their candidate to face Donald Trump in the general election?	Bernie Sanders Joe Biden	16 10
	Tulsi Gabbard	8

California Survey February 20-23, 2020		
	Michael Bloomberg	3
	Pete Buttigieg	3
	Elizabeth Warren	2
	Amy Klobuchar	2
	Tom Steyer	1
	Not sure	56
Democratic Primary Voters Only		
Are you registered to vote as a permanent vote-by-mail voter or have you requested an absentee ballot specifically for the March 3		
election?	Yes, I'm going to vote by mail	68
	No, I'm going to vote in person	28
	I'm not sure	4
How favorable are your feelings about each of the following individuals? - Joe Biden	Very favorable	18
	Somewhat favorable	25
	Neutral	20
	Somewhat unfavorable	18
	Very unfavorable	20
	Never heard of them	0
	Total Favorable	42
	Total Unfavorable	37
	Net Favorable	5
How favorable are your feelings about each of the following		
individuals? - Elizabeth Warren	Very favorable	36
	Somewhat favorable	30

California Surray		
California Survey February 20-23, 2020		
	Neutral	17
	Somewhat unfavorable	10
	Very unfavorable	7
	Never heard of them	1
	Total Favorable	66
	Total Unfavorable	17
	Net Favorable	49
How favorable are your feelings about each of the following		
individuals? - Bernie Sanders	Very favorable	45
	Somewhat favorable	24
	Neutral	11
	Somewhat unfavorable	11
	Very unfavorable	10
	Never heard of them	0
	Total Favorable	69
	Total Unfavorable	20
	Net Favorable	48
How favorable are your feelings about each of the following individuals? - Pete Buttigieg	Very favorable	20
	Somewhat favorable	28
	Neutral	21
	Somewhat unfavorable	13
	Very unfavorable	14
	Never heard of them	4
	Total Favorable	48

California Survey February 20-23, 2020		
	Total Unfavorable	27
	Net Favorable	21
How favorable are your feelings about each of the following individuals? - Amy Klobuchar	Very favorable	13
	Somewhat favorable	28
	Neutral	29
	Somewhat unfavorable	14
	Very unfavorable	10
	Never heard of them	6
	Total Favorable	40
	Total Unfavorable	24
	Net Favorable	16
How favorable are your feelings about each of the following individuals? - Tulsi Gabbard	Very favorable	4
	Somewhat favorable	7
	Neutral	25
	Somewhat unfavorable	14
	Very unfavorable	35
	Never heard of them	16
	Total Favorable	11
	Total Unfavorable	48
	Net Favorable	-38
How favorable are your feelings about each of the following individuals? - Tom Steyer	Very favorable	9
	Somewhat favorable	18

California Survey February 20-23, 2020		
	Neutral	41
	Somewhat unfavorable	13
	Very unfavorable	12
	Never heard of them	8
	Total Favorable	27
	Total Unfavorable	25
	Net Favorable	2
How favorable are your feelings about each of the following		
individuals? - Michael Bloomberg	Very favorable	6
	Somewhat favorable	14
	Neutral	16
	Somewhat unfavorable	18
	Very unfavorable	44
	Never heard of them	2
	Total Favorable	20
	Total Unfavorable	63
	Net Favorable	-42
If the following people take part in the Democratic primary whe will		
If the following people take part in the Democratic primary, who will you vote for?	Amy Klobuchar	4
	Andrew Yang	4
	Bernie Sanders	36
	Deval Patrick	0
	Elizabeth Warren	18
	Joe Biden	10
	Joe Sestak	0
	John Delaney	0

California Survey February 20-23, 2020		
	Julián Castro	1
	Marianne Williamson	0
	Mark Steward Greenstein	0
	Michael A. Ellinger	0
	Michael Bennet	0
	Michael Bloomberg	5
	Mosie Boyd	0
	Pete Buttigieg	9
	Roque "Rocky" De La Fuente III	0
	Tom Steyer	3
	Tulsi Gabbard	2
	Undecided	9
[UNDECIDEDS ONLY] If you had to choose, who would you vote for?	Amy Klobuchar	2
	Andrew Yang	0
	Bernie Sanders	18
	Deval Patrick	0
	Elizabeth Warren	24
	Joe Biden	16
	Joe Sestak	0
	John Delaney	0
	Julián Castro	0
	Marianne Williamson	1
	Mark Steward Greenstein	0
	Michael A. Ellinger	0
	Michael Bennet	0
	Michael Bloomberg	9
	Mosie Boyd	0
	Pete Buttigieg	15

California Survey February 20-23, 2020		
	Roque "Rocky" De La Fuente III	0
	Tom Steyer	2
	Tulsi Gabbard	1
	Would not vote	12
Total support for Democratic Nominee for President	Bernie Sanders	37
	Elizabeth Warren	20
	Joe Biden	12
	Pete Buttigieg	11
	Michael Bloomberg	6
	Amy Klobuchar	5
	Andrew Yang	4
	Tom Steyer	3
	Tulsi Gabbard	2
	Julián Castro	1
	Michael Bennet	0
	Marianne Williamson	0
	Deval Patrick	0
	Joe Sestak	0
	John Delaney	0
	Mark Steward Greenstein	0
	Michael A. Ellinger	0
	Mosie Boyd	0
	Roque "Rocky" De La Fuente III	0
	Undecided	1
How certain are you that you will vote for this candidate?	Absolutely certain	56
	Pretty certain, but small chance I could change my mind	35
	About 50-50	6

California Survey February 20-23, 2020		
	There's a good chance I'll end up voting for someone else	2
What are the chances you might change your mind if [First Choice Candidate] doesn't do well in the elections before Super Tuesday?	High - I would definitely consider supporting a different candidate based on the results of	19
candidatej doesn't do wen'n the elections before super ruesday:	Medium - I might consider a different candidate	33
	Low - I will not consider a different candidate based on the results of the elections before	41
	Not sure	41
		0
Who would be your second choice if your preferred candidate is not running?	Elizabeth Warren	31
	Bernie Sanders	15
	Joe Biden	11
	Pete Buttigieg	11
	Amy Klobuchar	10
	Tom Steyer	5
	Michael Bloomberg	3
	Andrew Yang	3
	Tulsi Gabbard	2
	Marianne Williamson	1
	Michael Bennet	0
	Mark Steward Greenstein	0
	Julián Castro	0
	Michael A. Ellinger	0
	Roque "Rocky" De La Fuente III	0
	John Delaney	0
	Joe Sestak	0
	Mosie Boyd	0
	Deval Patrick	0
	Undecided	9
	Not sure	0

California Survey February 20-23, 2020		
Full Sample of CA Voters		
How favorable are your feelings about each of the following	Versiferenshie	
individuals, public officials, organizations, and policy ideas? - Uber	Very favorable	9
	Somewhat favorable	17
	Neutral	47
	Somewhat unfavorable	16
	Very unfavorable	10
	Never heard of them	1
	Total Favorable	26
	Total Unfavorable	26
	Net Favorable	0
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Lyft	Very favorable	11
	Somewhat favorable	19
	Neutral	53
	Somewhat unfavorable	10
	Very unfavorable	6
	Never heard of them	2
	Total Favorable	29
	Total Unfavorable	16
	Net Favorable	14
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Gavin Newsom	Very favorable	19

California Survey February 20-23, 2020		
	Somewhat favorable	20
	Neutral	14
	Somewhat unfavorable	6
	Very unfavorable	37
	Never heard of them	4
	Total Favorable	39
	Total Unfavorable	43
	Net Favorable	-4
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Pacific Gas and Electric (PG&E)	Very favorable	3
	Somewhat favorable	8
	Neutral	31
	Somewhat unfavorable	25
	Very unfavorable	30
	Never heard of them	1
	Total Favorable	12
	Total Unfavorable	56
	Net Favorable	-44
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - The University of California (UC) system	Very favorable	17
	Somewhat favorable	24
	Neutral	32
	Somewhat unfavorable	12
	Very unfavorable	13

California Survey February 20-23, 2020		
	Never heard of them	2
	Total Favorable	41
	Total Unfavorable	25
	Net Favorable	16
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Kamala Harris	Very favorable	21
	Somewhat favorable	19
	Neutral	13
	Somewhat unfavorable	7
	Very unfavorable	37
	Never heard of them	3
	Total Favorable	40
	Total Unfavorable	44
	Net Favorable	-4
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Dianne Feinstein	Very favorable	18
	Somewhat favorable	16
	Neutral	16
	Somewhat unfavorable	12
	Very unfavorable	34
	Never heard of them	5
	Total Favorable	34
	Total Unfavorable	45

California Survey		
February 20-23, 2020		
	Net Favorable	-11
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - California Consumer Privacy Act (CCPA)	Very favorable	19
	Somewhat favorable	19
	Neutral	36
	Somewhat unfavorable	5
	Very unfavorable	3
	Never heard of them	18
	Total Favorable	38
	Total Unfavorable	8
	Net Favorable	30
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? -		
Facebook	Very favorable	7
	Somewhat favorable	20
	Neutral	34
	Somewhat unfavorable	27
	Very unfavorable	12
	Never heard of them	0
	Total Favorable	27
	Total Unfavorable	39
	Net Favorable	-12
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Google	Very favorable	15

California Survey February 20-23, 2020		
	Somewhat favorable	23
	Neutral	38
	Somewhat unfavorable	15
	Very unfavorable	8
	Never heard of them	0
	Total Favorable	39
	Total Unfavorable	23
	Net Favorable	15
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Amazon	Very favorable	17
	Somewhat favorable	26
	Neutral	32
	Somewhat unfavorable	14
	Very unfavorable	11
	Never heard of them	0
	Total Favorable	43
	Total Unfavorable	25
	Net Favorable	18
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Donald		
Trump	Very favorable	27
	Somewhat favorable	7
	Neutral	4
	Somewhat unfavorable	2
	Very unfavorable	59

California Survey February 20-23, 2020		
	Never heard of them	2
	Total Favorable	34
	Total Unfavorable	61
	Net Favorable	-26
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Nancy Pelosi	Very favorable	32
	Somewhat favorable	13
	Neutral	12
	Somewhat unfavorable	4
	Very unfavorable	38
	Never heard of them	1
	Total Favorable	45
	Total Unfavorable	42
	Net Favorable	3
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Medicare for All	Very favorable	41
	Somewhat favorable	13
	Neutral	7
	Somewhat unfavorable	7
	Very unfavorable	30
	Never heard of them	0
	Total Favorable	55
	Total Unfavorable	38

California Survey		
February 20-23, 2020		
	Net Favorable	17
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Free		
college tuition	Very favorable	39
	Somewhat favorable	17
	Neutral	9
	Somewhat unfavorable	9
	Very unfavorable	25
	Never heard of them	0
	Total Favorable	56
	Total Unfavorable	35
	Net Favorable	21
the formula of the second s		
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? -		
Student loan forgiveness	Very favorable	40
	Somewhat favorable	17
	Neutral	9
	Somewhat unfavorable	8
	Very unfavorable	25
	Never heard of them	1
	Total Favorable	57
	Total Unfavorable	33
	Net Favorable	24
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Self-		
driving cars / autonomous vehicles	Very favorable	11

California Survey February 20-23, 2020		
rebi uai y 20-23, 2020		
	Somewhat favorable	15
	Neutral	27
	Somewhat unfavorable	20
	Very unfavorable	26
	Never heard of them	0
	Total Favorable	26
	Total Unfavorable	47
	Net Favorable	-20
How favorable are your feelings about each of the following		
individuals, public officials, organizations, and policy ideas? - Nuclear energy	Very favorable	18
chcigy	Somewhat favorable	22
	Neutral	29
	Somewhat unfavorable	15
	Very unfavorable	14
	Never heard of them	2
	Total Favorable	40
	Total Unfavorable	29
	Net Favorable	11
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? -		
Walmart	Very favorable	7
	Somewhat favorable	15
	Neutral	32
	Somewhat unfavorable	19
	Very unfavorable	27

California Survey February 20-23, 2020		
	Never heard of them	1
	Total Favorable	22
	Total Unfavorable	45
	Net Favorable	-23
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Meghan Markle	Very favorable	15
	Somewhat favorable	12
	Neutral	
	Somewhat unfavorable	7
	Very unfavorable	15
	Never heard of them	8
	Total Favorable	27
	Total Unfavorable	22
	Net Favorable	5
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Target	Very favorable	19
	Somewhat favorable	27
	Neutral	42
	Somewhat unfavorable	6
	Very unfavorable	5
	Never heard of them	2
	Total Favorable	46
	Total Unfavorable	11
	Net Favorable	35

California Survey February 20-23, 2020		
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Home Depot	Very favorable	16
	Somewhat favorable	22
	Neutral	44
	Somewhat unfavorable	10
	Very unfavorable	9
	Never heard of them	1
	Total Favorable	20
		38
	Total Unfavorable Net Favorable	18
How favorable are your feelings about each of the following individuals, public officials, organizations, and policy ideas? - Your local public schools	Very favorable	22
	Somewhat favorable	27
	Neutral	21
	Somewhat unfavorable	16
	Very unfavorable	13
	Never heard of them	1
	Total Favorable	49
	Total Unfavorable	29
	Net Favorable	19
Would you say your income is:	Going up faster than the cost of living	8
	Staying about even with the cost of living	30
	Falling behind the cost of living	56

California Survey		
February 20-23, 2020		
	Not sure	6
Which of the following would be the best path forward for the US healthcare system?	We should work towards a single-payer, or Medicare-for-all system	38
	Obamacare should be repealed and we should go back to the system we used to have	25
	We should add a public option and increase programs for the poor	19
	Not sure / no opinion	10
	We should stick with the system we have now	8
In the 2018 race for US House of Representatives, did you vote for:	The Democratic candidate	58
	The Republican candidate	29
	Another candidate	1
	Don't remember	4
	Did not vote	7
In the 2010 minutes all stimes did uses used from	Lillen - Clinten in the Democratic arises a	27
In the 2016 primary elections, did you vote for:	Hillary Clinton in the Democratic primary	37
	Bernie Sanders in the Democratic primary	23
	Donald Trump in the Republican primary	22
	I didn't vote	11
	Ted Cruz in the Republican primary	3
	I don't remember	2
	I voted in a different party's primary	1
	Another Republican	1
	Marco Rubio in the Republican primary	1
	John Kasich in the Republican primary	C
Which of the following is closest to your feelings about government?	I'm extremely angry, much more than usual	54
	I have mixed feelings	19
	I'm a little angry about how things are going	11

California Survey		
February 20-23, 2020		
	I'm mostly happy about how things are going	9
	The government is always bad, and right now is no different	7
Would you describe yourself as:	Progressive	22
	Liberal	21
	Moderate	23
	Conservative	26
	Other (specified)	8
When did you (or when will you) mail in your absentee ballot?	Mailed it in soon as I received it	22
	Mailed it in a week after I received it	22
	I haven't mailed my ballot in yet, but plan to very soon	40
	I haven't mailed my ballot in yet; I'm going to wait as long as I can to make up my mind	9
	I don't plan to vote by mail I'm going to vote in person	8
How many children do you have?	0	35
	1	. 14
	2	27
	3	15
	4	6
	5 or more	4
Which of the following best matches your religious affiliation?	Non-religious	42
	Catholic	23
	Protestant, Non-Evangelical	13
	Other religion	12
	Evangelical	8
	Jewish	2
	Muslim	0

California Survey		
February 20-23, 2020		
Do you or anyone in your household own a gun:	Yes, I own a gun	24
bo you of anyone in your nousehold own a gun.	Yes, someone in my household owns a gun	14
	No one in my household own a gun	63
Are you, or is anyone in your household, a member of a labor union?	Yes Lam	18
	Yes, someone in my household is	13
	No, I am not, nor is anyone in my household	69
For statistical purposes, what is your household income?	Less than \$20,000	6
	\$20,000 to \$34,999	10
	\$35,000 to \$49,999	12
	\$50,000 to \$74,999	17
	\$75,000 to \$99,999	14
	\$100,000 to \$249,999	24
	\$250,000 or more	4
	Prefer not to say	13
Are you or were you paid a salary or paid hourly?	Salary	37
	Hourly	42
	Don't know	0
	Not applicable	21
What is your marital status?	Single, never married	23
	Married or domestic partnership	52
	Widowed	6
	Divorced	13
	Separated	1
	Prefer not to answer	5

California Survey		
February 20-23, 2020		
How often do you use social media?	Many times throughout the day	53
	A few times per day	37
	Once per day	7
	Less than once per day	3
How often do you watch cable news?	3 hours or more per day	14
	More than 1 hour, but less than 3 hours per day	20
	Every day for 1 hour or less	11
	A few times a week	12
	About once per week	6
	Sometimes, but less than once per week	13
	Never	24
Which cable news networks do you watch? Select all that apply.	CNN	53
	MSNBC	45
	Fox News	40
	BBC	32
	C-Span	13
	One America News	13
	TheBlaze	5
Gender	Male	45
	Female	55
Age Range	18 to 34	23
	35 to 49	24
	50 to 64	30
	65 or older	24

California Survey		
February 20-23, 2020		
Ethnicity	White / Caucasian	55
	Hispanic or Latino/a	26
	Asian / Pacific Islander	8
	Black or African American	5
	American Indian or Alaska Native	1
	Other (specified)	5
Educational Attainment	High school diploma or less	9
	Some college, but no degree	33
	Associate's degree, or two-year college degree	15
	Bachelor's degree, or four-year college degree	26
	Graduate degree	17
State	CA	100
Change Research's Political Region	Bay Area	21
	Central Valley	7
	Central/Southern Farm	11
	Los Angeles	27
	North and Mountain	3
	Southern CA without LA	30
7 Pt Party ID	Strong Democrat	40
	Weak Democrat	9
	Ind Democrats	9
	Independents	8
	Ind Republicans	6
	Weak Republican	5

California Survey		
February 20-23, 2020		
	Strong Republican	23
Party ID	Democrat	49
	Republican	28
	Independent/Other	23
Allocated PID	Strong + Weak + Indep Dems	58
	Independents	8
	Strong + Weak + Indep Repubs	33