Results are based on telephone interviews conducted February-22, 2019 with a random sample of 9322 adults, ages 18+, living in all 50 U.S. states and the District of Columbia or results based on this sample of national adults, the margin of sampling error is ±3 percentage points at the 95% confidence level.

For results based on the samplef $\pm 32^2$ national adults in Form A, the margin of sampling error is ± 4 percentage points.

For results based on the sample o $\pm 0.00^2$ national adults in Form B, the margins of sampling error is ± 4 percentage points.

For results based on the sample o± ,053² men, the margins of sampling error is ±4 percentage points.

For results based on the sample o£8792 women, the margins of sampling error is ±4 percentage points.

Interviews are conducted with respondents on landline telephones and cellular phones, witherviews conducted in Spanish for respondents who are primarily Spanishpeaking. Each sample of national adults includes a minimum quota of 70% cell phone respondents and 30% landline respondents, with additional minimum quotas by time zone within region. Landline and cell phone telephone numbers are selected using random digit dial methods. Gallup obtained sample for this study from Survey Sampling International. Landline respondents are chosen at random within each household on the basis of which mentions the next birthday.

Samples are weighted to correct for unequal selection probability, neresponse, and double coverage of landline and cell users in the two sampling frames. They are also weighted to match the national demographics of gender, agerace, Hispanic ethnicity, education, region, population density, and phone status (cell phene

Q.3 (FAVORABLE RATINGS) CONTINUED

D. Joe Biden

	<u>Favorabl</u> e	<u>Unfavorable</u>	Never heard of	No opinion
2019 Feb 1 2 28	56	32	7	5
2017 Jan 4 8 2016 Nov 913	61 57	30 32	5 6	5 5

Q.3 (FAVORABLE RATINGS) CONTINUED

G. California senator, Kamala Harris

	<u>Favorabl</u> e	<u>Unfavorable</u>	Never heard of	No opinion						
2019 Feb 1228	29	34	27	10						
H. New Jersey senator, Cory Boo	ker									
	<u>Favorabl</u> e	<u>Unfavorable</u>	Never head of	No opinion						
2019 Feb 1 :2 8	26	30	33	10						
I. New York senator, Kirsten Gillibrand										
	<u>Favorabl</u> e	<u>Unfavorable</u>	Never heard of	No opinion						
2019 Feb 1228	20	25	41	14						
J. Minnesota senator, Amy Klobuchar										
	<u>Favorabl</u> e	<u>Unfavorable</u>	Never heard of	No opinion						
2019 Feb 1228	20	22	45	13						

									College	Some	HS Grad or	Conservativ					
		Male	Female	White	Non-white	18-34	35-54	55+	Grad	College	Less	Republican	Independent	Democrat	е	Moderate	Liberal
Unweighted n	1932	1053	879	1421	465	363	556	988	866	671	382	613	729	557	766	i	

									College	Some	HS Grad or				Conservativ		
		Male	Female	White	Non-white	18-34	35-54	55+	Grad	College	Less	Republican	Independent	Democrat	е	Moderate	Liberal
Unweighted n	1932	1053	879	1421	465	363	556	988	866	671	382	613	729	557	766	632	477
Weighted n	1932	962	970	1284	618	534	652	725	635	561	728	578	741	581	725	628	513
	814	454	360	649	153	162	287	355	227	259	325	483	255	69	537	190	73
	42%	47%	37%	51%	25%	30%	44%	49%	36%	46%	45%	83%	34%	12%	74%	30%	14%
	815	373	44 68	9.8 167.07 T	m0.00392 0.00	784 0.0196 rg	0.00392 0.007	84 0.0196 R	G -0.218 T289	9.44 689.8 1	67.07 Tm0.003	392 0.00784 0.	0196 rg0.0039	92 0.00784 0.0	0196 RG - 9.0	25 Tf1 0 0	1 533.13 10

College Some HS Grad or Conservativ

Male Female White Non-white 18-34 35-54 55+ Grad College Less Republican Independent Democrat e Moderate Liberal

Unweighted n 1932 1053 879 1421 465 363 556 988

Male Female



Male Female White Non-white 18-34 35-54 55+