GALLUP NEWS SERVICE

DECEMBER WAVE ONE

-- FINAL TOPLINE --

Timberline: 937008 JT: 335 Princeton Job #: 19-12-021

> Jeff Jones, Lydia Saad December 2-15, 2019

Results are based on telephone interviews conducted December 2-15, 2019 with a random sample of -1,025—adults, ages 18+, living in all 50 U.S. states and the District of Columbia. For results based on this sample of national adults, the margin of sampling error is ±4 percentage points at the 95% confidence level.

For results based on the sample of -489—national adults in Form A, the margins of sampling error is ±5 percentage points.

For results based on the sample of -536—national adults in Form B, the margins of sampling error is ±5 percentage points.

Interviews are conducted with respondents on landline telephones and cellular phones, with interviews conducted in Spanish for respondents who are primarily Spanish-speaking. 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 Dynata. Landline respondents are chosen at random within each household on the basis of which member has the next birthday.

Samples are weighted to correct for unequal selection probability, non-response, and double coverage of landline and cell users in the two sampling frames. They are also weighted to match the national demographics of gender, age, race, Hispanic ethnicity, education, region, population density, and phone status (cell phone-only/landline only/both and cell phone mostly). Demographic weighting targets are based on the March 2018 Current Population Survey figures for the aged 18 and older U.S. population. Phone status targets are based on the January-June 2018 National Health Interview Survey. Population density targets are based on the 2010 census. All reported margins of sampling error include the computed design effects for weighting.

In addition to sampling error, question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of public opinion polls. For questions about how this survey was conducted, please contact <u>galluphelp@gallup.com</u>.

14. Now turning to something different, how important is it that parents get their children vaccinated -- extremely important, very important, somewhat important, not very important, or not at all important?

	Extremely	Very	Somewhat	Not very	Not at all	No
	important	important	important	important	important	<u>opinion</u>
2019 Dec 2-15	58	26	9	2	4	*
2015 Feb 28-Mar 1	54	30	11	2	2	2
2001 Jun 28-Jul 1	64	30	4	*	1	1

Q.15/16 SPLIT SAMPLED

15. (*Asked of a half sample*) How much have you, personally, heard about the advantages of vaccinations for children -- a great deal, fair amount, only a little, or nothing at all?

BASED ON -- 489 -- NATIONAL ADULTS IN FORM A

	A great deal	<u>Fair amount</u>	Only a little	Nothing at all	No opinion
2019 Dec 2-15	57	32	8	3	*
2015 Feb 28-Mar 1 2001 Jun 28-Jul 1	49 37	34 36	13 17	4 9	1 1

16. How much have you, personally, heard about the possible disadvantages of vaccinations for children -- a great deal, fair amount, only a little, or nothing at all?

BASED ON -- 536 -- NATIONAL ADULTS IN FORM B

	A great deal	Fair amount	Only a little	Nothing at all	No opinion
2019 Dec 2-15	39	40	17	3	*
2015 Feb 28-Mar 1 2001 Jun 28-Jul 1	30 15	43 24	18 32	9 28	1 1

17. Do you think vaccines are more dangerous than the diseases they are designed to prevent, or not?

	Yes, more dangerous	<u>No, not</u>	No opinion
2019 Dec 2-15	11	86	2
2015 Feb 28-Mar 1 2001 Jun 28-Jul 1	9 6	87 90	4 4

18. From what you have read or heard, do you personally think certain vaccines do – or do not -- cause autism in children, or are you unsure?

	Yes, a cause	No, not a cause	Unsure	No answer
2019 Dec 2-15	10	45	46	*
2015 Feb 28-Mar 1	6	41	52	1

19. Do you think the government should require all parents to have their children vaccinated against contagious diseases such as measles, or do you think that's something the government should stay out of?

	Yes, require	<u>No, stay out of</u>	Depends (vol.)	No answer
2019 Dec 2-15	62	35	2	1
1991 Feb 28-Mar 3 ^	81	14	3	2

^ Princeton Survey Research Poll for Troika Productions and Lifetime Television

QN14: Parents get their children vaccinated BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Gen	der	Ra	ce I		Age			Education			Party I.D.			Ideology	
										College	Some		Republica			Conserva		
		Total	Male	Female	White	Non-white	18-34	35-54	55+	Grad	College	or Less	n		Democrat	tive	Moderate	Liberal
Total	Unweighted n	1025	553	472	747	261	203	253	547	464	355	204	316	385	303	390	378	228
	Weighted n	1025	504	521	679	327	306	286	405	338	297	388	290	417	291	396	370	221
Extremely important		593	273	320	422	164	171	159	250	237	167	188	150	228	202	198	219	160
		58%	54%	61%	62%	50%	56%	55%	62%	70%	56%	49%	52%	55%	70%	50%	59%	72%
Very important		268	142	126	162	97	78	68	114	66	63	138	78	112	65	111	100	40
		26%	28%	24%	24%	30%	26%	24%	28%	20%	21%	35%	27%	27%	22%	28%	27%	18%
Somewhat important		96	53	42	59	37	27	38	29	26	35	35	33	42	18	47	31	16
		9%	11%	8%	9%	11%	9%	13%	7%	8%	12%	9%	11%	10%	6%	12%	8%	7%
Not very important		25	12	13	12	13	13	7	5	4	14	8	10	14	1	13	9	1
		2%	2%	3%	2%	4%	4%	2%	1%	1%	5%	2%	3%	3%	0%	3%	3%	1%
Not at all important		39	22	17	20	15	17	14	6	4	17	18	15	19	5	26	7	4
		4%	4%	3%	3%	5%	6%	5%	2%	1%	6%	5%	5%	5%	2%	7%	2%	2%
(DK)/(Refused)		4	2	2	3	1	-	1	1	1	1	2	3	1	-	1	3	-
		0%	0%	0%	0%	0%	-	0%	0%	0%	0%	1%	1%	0%	-	0%	1%	-

QN15: Advantages of vaccinations for children BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Ra	ce l		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non-white	18-34	35-54	55+	College Grad	Some College	HS Grad or Less	Republica n	Independ ent	Democrat	Conserva tive	Moderate	Liberal
Total	Unweighted n	489	263	226	345	133	97	119	264	216	174	99	161	179	138	200	177	100
	Weighted n	482	236	246	298	171	150	134	188	151	142	189	140	193	134	197	180	87
A great deal		273	124	149	163	99	87	76	101	103	81	89	69	103	87	95	108	58
		57%	53%	61%	55%	58%	58%	57%	53%	68%	57%	47%	50%	53%	65%	48%	60%	66%
fair amount		155	84	71	104	49	38	46	70	39	48	68	55	62	37	80	52	19
		32%	36%	29%	35%	29%	25%	34%	37%	26%	34%	36%	39%	32%	28%	41%	29%	22%
Only a little		37	20	17	22	15	17	8	12	8	10	19	12	19	6	17	14	÷
		8%	9%	7%	7%	9%	12%	6%	6%	5%	7%	10%	8%	10%	5%	9%	8%	5%
Nothing at all		15	7	7	7	8	7	4	4	1	2	12	4	9	2	5	6	
		3%	3%	3%	2%	5%	5%	3%	2%	1%	2%	6%	3%	5%	1%	3%	3%	5%
(DK)/(Refused)		2 -	•	2	2	-	-	-	2	-	1	2	-	-	2	-	1	2
		0% -		1%	1%	-	-	-	1%	-	0%	1%	-	-	2%	-	0%	2%

QN16: Disadvantages of vaccinations for children BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Gen	der	Ra	ce I		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non-white	18-34	35-54	55+	College Grad	Some College	HS Grad or Less	Republica n		Democrat	Conserva tive	Moderate	Liberal
Total	Unweighted n	536	290	246	402	128	106	134	283	248	181	105	155	206	165	190	201	12
	Weighted n	543	268	275	381	156	156	152	217	187	155	199	150	224	156	199	190	13
A great deal		214	89	125	152	58	74	66	65	77	57	78	55	93	56	77	67	58
		39%	33%	45%	40%	37%	48%	44%	30%	41%	36%	39%	37%	42%	36%	39%	36%	43%
fair amount		220	121	99	163	55	50	60	104	85	61	74	66	87	63	74	95	4
		40%	45%	36%	43%	35%	32%	40%	48%	46%	39%	37%	44%	39%	40%	37%	50%	36%
Only a little		90	46	44	53	36	21	25	39	21	29	39	24	36	30	42	25	18
		17%	17%	16%	14%	23%	14%	16%	18%	11%	19%	20%	16%	16%	19%	21%	13%	13%
Nothing at all		18	12	6	13	6	11	1	7	4	8	7	5	6	7	5	3	1(
		3%	4%	2%	3%	4%	7%	0%	3%	2%	5%	4%	3%	3%	4%	3%	1%	7%
(DK)/(Refused)		1	1	1	-	1	-	-	1	-	1	-	-	1	1	1	-	
		0%	0%	0%	-	1%	-	-	1%	-	1%	-	-	0%	0%	0%	-	0%

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QN17: Vaccines are more dangerous than the diseases BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Ra	ce I		Age			Education			Party I.D.			Ideology	
										College	Some	HS Grad	Republica	Independ		Conserva		
		Total	Male	Female	White	Non-white	18-34	35-54	55+	Grad	College	or Less	n	ent	Democrat	tive	Moderate	Liberal
Total	Unweighted n	1025	553	472	747	261	203	253	547	464	355	204	316	385	303	390	378	228
	Weighted n	1025	504	521	679	327	306	286	405	338	297	388	290	417	291	396	370	221
Yes, more dangerous		117	60	58	56	57	41	33	41	17	45	55	37	57	21	63	36	14
		11%	12%	11%	8%	18%	13%	12%	10%	5%	15%	14%	13%	14%	7%	16%	10%	7%
No, not more dangerous		886	435	451	608	263	260	249	356	319	245	320	245	352	263	326	323	204
		86%	86%	87%	90%	80%	85%	87%	88%	94%	82%	83%	85%	84%	90%	82%	87%	92%
(DK)/(Refused)		21	9	12	14	7	5	4	8	2	7	12	8	8	6	7	10	3
		2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	3%	3%	2%	2%	2%	3%	1%

QN18: Certain vaccines do - or do not -- cause autism in children BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Gen	der	Ra	ce I		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non-white	18-34	35-54	55+	College Grad	Some College	HS Grad or Less	Republica n	Independ ent	Democrat	Conserva tive	Moderate	Liberal
Total	Unweighted n	1025	553	472	747	261	203	253	547	464	355	204	316	385	303	390	378	228
	Weighted n	1025	504	521	679	327	306	286	405	338	297	388	290	417	291	396	370	221
Yes, vaccines do cause autism		99	61	38	52	43	34	37	24	20	33	46	28	52	16	44	38	12
		10%	12%	7%	8%	13%	11%	13%	6%	6%	11%	12%	10%	12%	5%	11%	10%	5%
No, vaccines do not cause		458	221	236	360	94	153	127	167	225	123	108	109	181	160	132	182	131
autism		45%	44%	45%	53%	29%	50%	44%	41%	67%	42%	28%	37%	43%	55%	33%	49%	59%
Unsure		468	221	246	266	190	119	122	214	93	140	234	153	184	115	219	149	78
		46%	44%	47%	39%	58%	39%	43%	53%	27%	47%	60%	53%	44%	40%	55%	40%	35%
(Refused)		1	1	-	1	-	-	1	-	1	-	-	1	-	-	1	-	-
		0%	0%	-	0%	-	-	0%	-	0%	-	-	0%	-	-	0%	-	-

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QN19: Government should require all parents to have their children vaccinated BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Ra	ce I		Age			Education			Party I.D.			Ideology	
										College	Some		Republica	Independ		Conserva		
		Total	Male	Female	White	Non-white	18-34	35-54	55+	Grad	College	or Less	n	ent	Democrat	tive	Moderate	Liberal
Total	Unweighted n	1025	553	472	747	261	203	253	547	464	355	204	316	385	303	390	378	228
	Weighted n	1025	504	521	679	327	306	286	405	338	297	388	290	417	291	396	370	221
Yes, government should require		634	302	332	411	212	174	165	278	236	155	241	163	248	206	220	227	166
		62%	60%	64%	61%	65%	57%	58%	69%	70%	52%	62%	56%	60%	71%	55%	61%	75%
lo, government should stay		360	189	171	252	103	126	113	111	93	131	136	120	157	72	164	130	53
out of		35%	37%	33%	37%	31%	41%	39%	27%	28%	44%	35%	42%	38%	25%	41%	35%	24%
Depends (Vol.)		19	9	11	13	6	5	3	10	8	4	7	5	6	8	7	11	1
		2%	2%	2%	2%	2%	2%	1%	2%	2%	1%	2%	2%	1%	3%	2%	3%	1%
(DK)/(Refused)		11	5	7	3	6	-	5	6	1	7	4	1	6	4	6	3	1
		1%	1%	1%	0%	2%	-	2%	2%	0%	2%	1%	0%	1%	1%	1%	1%	1%