Zogby Poll of Ohio Likely Voters

How Should We Teach Evolution

Survey Methodology [Ohio Likely Voters]

2/2/06 thru 2/3/06

This is a telephone survey of [Ohio likely voters] conducted by Zogby International. The target sample is [601] interviews with approximately [17] questions asked. Samples are randomly drawn from telephone cd's of national listed sample.   Zogby International surveys employ sampling strategies in which selection probabilities are proportional to population size within area codes and exchanges within those area codes. As many as six calls are made to reach a sampled phone number. Cooperation rates are calculated using one of AAPOR's approved methodologies[1] and are comparable to other professional public-opinion surveys conducted using similar sampling strategies.[2] Weighting by [region, party, age, race and gender] is used to adjust for non-response. The margin of error is +/- 4.1 percentage points. Margins of error are higher in sub-groups.

Zogby International's sampling and weighting procedures also have been validated through its political polling: more than 95% of the firm's polls have come within 1% of actual election-day outcomes.

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[1] See COOP4 (p.38) in Standard *Definitions: Final Dispositions of Case Codes and Outcome Rates of Surveys.* The American Association for Public Opinion Research, (2000).

[2] *Cooperation Tracking Study: April 2003 Update*, Jane M. Sheppard and Shelly Haas. The Council for Marketing & Opinion Research (CMOR). Cincinnati, Ohio (2003).

Ohio 2006 Poll Results Executive Summary

This was a telephone survey of Ohio likely voters conducted by Zogby International 2/2/06 thru 2/3/06. The target sample is [601] interviews. The margin of error is +/- 4.1 percentage points.

Which of the following two statements come closest to your own opinion?
A) Biology teachers should teach only Darwin's theory of evolution and the scientific evidence that supports it.
B) Biology teachers should teach Darwin's theory of evolution, but also the scientific evidence against it.
C) Neither/Not Sure

In 2006 in Ohio:		*In 2002 in Ohio:*
A = 19%		**A** = 19%
B = 68.8%		**B** = 65%
C = 12%		**C** = 16

Do you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the following statement: "When Darwin's theory of evolution is taught in school, students should also be able to learn about scientific evidence that points to an intelligent design of life."
1. Strongly agree   **2.** Somewhat agree   **3.** Somewhat disagree   **4.** Strongly disagree   **5.** Not sure

In 2006 in Ohio:

1. Strongly agree	56.4%		
2. Somewhat agree	19.3%	Agree	75.7%
3. Somewhat disagree	5.0%		
4. Strongly disagree	13.0%	Disagree	18%
5. Not sure	5.9%		

In Ohio in 2002:

Strongly agree	55%		
Somewhat agree	23%	Agree	78%
Somewhat disagree	3.0%		
Strongly disagree	10%	Disagree	13%
Not sure	9.0%		

Some other interesting findings:

Of those that agreed: **Biology teachers should teach Darwin's theory of evolution, but also the scientific evidence against it.**
78.6% of Republicans agreed, 58.6% of Democrats agreed, and 67% of Independents agreed.
70% of men agreed, and 67.8% of women.
51% had some high school, 69% graduated high school, 67.8% had some college, 70% had college degrees.

Of those that agreed: **When Darwin's theory of evolution is taught in school, students should also be able to learn about scientific evidence that points to an intelligent design of life.**
84.3% of Republicans agreed, 66.2% of Democrats and 75.2% of Independents agreed.
73.1 of men agreed, and 78.1% of women.
67.2% had some high school, 81% graduated high school, 82.5% had some college, 69.6% had college degrees.

Region

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Cleveland	48	8.0	8.0	8.0
	Restofnorth	264	44.0	44.0	52.0
	Cincinnati	84	14.0	14.0	66.0
	Columbus	60	10.0	10.0	76.0
	Restofsouth	144	24.0	24.0	100.0
	Total	601	100.0	100.0	

1. Registered

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	601	100.0	100.0	100.0

2. Likelihood

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Lkly	522	86.9	86.9	86.9
	Smwt Lkly	79	13.1	13.1	100.0
	Total	601	100.0	100.0	

2004 Presidential

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kerry	234	38.9	38.9	38.9
	Bush	301	50.0	50.0	89.0
	Nader	4	.6	.6	89.6
	Other	8	1.4	1.4	91.0
	NV/NS	54	9.0	9.0	100.0
	Total	601	100.0	100.0	

Poll of Ohio 2/2/06 thru 2/3/06 MOE +/- 4.1 percentage points

Party

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Democrat	210	35.0	35.0	35.0
	Republican	240	40.0	40.0	75.0
	Independent	147	24.5	24.5	99.5
	Libertarian	3	.5	.5	100.0
	Total	601	100.0	100.0	

AgeGroup

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18-29	95	15.7	16.0	16.0
	30-49	260	43.3	44.0	60.0
	50-64	154	25.6	26.0	86.0
	65+	83	13.8	14.0	100.0
	Total	591	98.3	100.0	
Missing	0	10	1.7		
Total		601	100.0		

AgeGroup-B

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18-24	41	6.8	6.9	6.9
	25-34	94	15.6	15.9	22.8
	35-54	284	47.2	48.0	70.8
	55-69	112	18.6	18.9	89.7
	70+	61	10.1	10.3	100.0
	Total	591	98.3	100.0	
Missing	0	10	1.7		
Total		601	100.0		

Poll of Ohio 2/2/06 thru 2/3/06 MOE +/- 4.1 percentage points

Education

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	<HS	16	2.6	2.6	2.6
	HS Grad	128	21.3	21.3	23.9
	Some Col	173	28.8	28.8	52.7
	College+	284	47.3	47.3	100.0
	Total	601	100.0	100.0	

Race

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	White	503	83.7	85.0	85.0
	Hisp	18	3.0	3.0	88.0
	AfrAmer	59	9.9	10.0	98.0
	Asian	6	1.0	1.0	99.0
	Other	6	1.0	1.0	100.0
	Total	592	98.5	100.0	
Missing	0	9	1.5		
Total		601	100.0		

Religion

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Catholic	156	26.0	26.1	26.1
	Protestant	299	49.8	49.9	76.0
	Jewish	6	1.0	1.0	77.0
	Other	138	22.9	23.0	100.0
	Total	599	99.7	100.0	
Missing	0	2	.3		
Total		601	100.0		

Poll of Ohio 2/2/06 thru 2/3/06 MOE +/- 4.1 percentage points

Income

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	< $15K	51	8.4	9.4	9.4
	$15-25K	48	8.1	9.0	18.5
	$25-35K	72	12.0	13.4	31.8
	$35-50K	78	12.9	14.5	46.3
	$50-75K	122	20.3	22.7	69.0
	$75K+	166	27.7	31.0	100.0
	Total	537	89.4	100.0	
Missing	0	64	10.6		
Total		601	100.0		

Gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	288	48.0	48.0	48.0
	Female	313	52.0	52.0	100.0
	Total	601	100.0	100.0	

Poll of Ohio 2/2/06 thru 2/3/06 MOE +/- 4.1 percentage points

Statement A: Biology teachers should teach only Darwin's theory of evolution and the scientific evidence that supports it. Statement B: Biology teachers should teach Darwin's theory of evolution, but also the scientific evidence against it

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	A	114	19.0	19.0	19.0
	B	414	68.8	68.8	87.8
	Neither/NS	73	12.2	12.2	100.0
	Total	601	100.0	100.0	

Do you ... with the following statement: When Darwin's theory of evolution is taught in school, students should also be able to learn about scientific evidence that points to an intelligent design of life

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Str agree	339	56.4	56.4	56.4
	Smwt agree	116	19.3	19.3	75.7
	Smwt disagree	30	5.0	5.0	80.7
	Str disagree	81	13.4	13.4	94.1
	NS	36	5.9	5.9	100.0
	Total	601	100.0	100.0	

Poll of Ohio 2/2/06 thru 2/3/06 MOE +/- 4.1 percentage points

Statement A: Biology teachers should teach only Darwin's theory of evolution and the scientific evidence that supports it. Statement B: Biology teachers should teach Darwin's theory of evolution, but also the scientific evidence against it

	Total		Region										Party							
			Cleveland		Restofnorth		Cincinnati		Columbus		Restofsouth		Democrat		Republican		Independent		Libertarian	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
A	114	19.0	13	26.6	49	18.5	17	19.9	16	27.2	19	13.5	56	26.4	28	11.7	30	20.2	1	26.2
B	414	68.8	21	42.9	183	69.2	65	77.6	39	65.7	105	73.0	123	58.6	189	78.6	99	67.4	2	73.8
Neither/NS	73	12.2	15	30.4	33	12.3	2	2.5	4	7.2	20	13.6	31	14.9	23	9.8	18	12.4		
Total	601	100.0	48	100.0	264	100.0	84	100.0	60	100.0	144	100.0	210	100.0	240	100.0	147	100.0	3	100.0

	AgeGroup								AgeGroup-B										Under 17			
	18-29		30-49		50-64		65+		18-24		25-34		35-54		55-69		70+		Yes		No/NS	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
A	21	22.2	43	16.6	31	20.2	17	20.8	7	18.5	18	18.9	51	18.0	25	22.5	11	18.1	53	23.2	61	16.4
B	71	75.5	184	70.8	106	68.7	47	56.6	33	81.5	71	75.5	195	68.8	72	64.7	36	59.8	145	63.2	269	72.3
Neither/NS	2	2.3	33	12.6	17	11.0	19	22.6			5	5.6	38	13.2	14	12.7	13	22.2	31	13.5	42	11.3
Total	95	100.0	260	100.0	154	100.0	83	100.0	41	100.0	94	100.0	284	100.0	112	100.0	61	100.0	229	100.0	372	100.0

	Gender				Education								Religion							
	Male		Female		<HS		HS Grad		Some Col		College+		Catholic		Protestant		Jewish		Other	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
A	55	18.9	60	19.1	4	26.6	15	12.0	39	22.6	55	19.5	29	18.6	51	17.1	4	60.9	30	21.8
B	202	70.0	212	67.8	8	51.5	88	69.0	118	67.8	200	70.3	112	71.5	209	69.8	1	18.4	91	66.2
Neither/NS	32	11.1	41	13.2	3	21.9	24	19.0	17	9.5	29	10.2	15	9.9	39	13.1	1	20.7	16	12.0
Total	288	100.0	313	100.0	16	100.0	128	100.0	173	100.0	284	100.0	156	100.0	299	100.0	6	100.0	138	100.0

	Total		Race										Income											
			White		Hisp		AfrAmer		Asian		Other		< $15K		$15-25K		$25-35K		$35-50K		$50-75K		$75K+	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
A	110	18.6	90	17.8	7	40.2	10	16.5	3	44.7	1	15.0	6	11.1	2	4.4	19	26.8	15	19.8	26	21.3	31	18.5
B	411	69.4	357	70.9	11	59.8	36	60.9	3	55.3	4	69.1	34	68.0	40	83.2	49	67.6	49	63.6	85	69.3	118	70.8
Neither/NS	71	12.0	57	11.3			13	22.6			1	16.0	11	21.0	6	12.5	4	5.7	13	16.6	12	9.4	18	10.7
Total	592	100.0	503	100.0	18	100.0	59	100.0	6	100.0	6	100.0	51	100.0	48	100.0	72	100.0	78	100.0	122	100.0	166	100.0

Do you ... with the following statement: When Darwin's theory of evolution is taught in school, students should also be able to learn about scientific evidence that points to an intelligent design of life

	Total		Cleveland		Restofnorth		Cincinnati		Columbus		Restofsouth		Democrat		Republican		Independent		Libertarian	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
Str agree	339	56.4	30	62.3	154	58.1	44	52.0	32	52.9	79	55.1	100	47.4	163	67.9	75	51.2	0	12.3
Smwt agree	116	19.3	5	9.7	59	22.3	16	19.1	16	25.9	21	14.6	40	18.8	40	16.4	35	24.0	2	61.4
Smwt disagree	30	5.0	1	2.5	22	8.3	3	3.9	1	1.2	3	1.9	9	4.5	10	4.1	10	6.6	1	26.2
Str disagree	81	13.4	9	19.5	18	6.7	15	17.5	9	15.6	29	20.4	45	21.2	15	6.2	21	14.5		
NS	36	5.9	3	6.0	12	4.6	6	7.5	3	4.3	12	8.0	17	8.2	13	5.4	5	3.7		
Total	601	100.0	48	100.0	284	100.0	84	100.0	60	100.0	144	100.0	210	100.0	240	100.0	147	100.0	3	100.0

	AgeGroup 18-29		30-49		50-64		65+		AgeGroup-B 18-24		25-34		35-54		55-69		70+		Under 17 Yes		No/NS	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
Str agree	48	50.7	161	61.9	82	53.0	42	50.5	11	26.6	63	67.3	170	59.9	57	51.1	31	51.2	133	58.2	205	55.2
Smwt agree	27	28.2	42	16.0	30	19.6	16	19.7	24	59.1	8	8.1	50	17.6	23	20.3	10	16.9	47	20.3	70	18.8
Smwt disagree			20	7.6	5	2.9	5	5.5			7	6.9	16	5.7	2	1.7	4	6.8	14	6.2	16	4.2
Str disagree	13	13.9	27	10.3	28	18.2	12	14.5	3	7.2	11	12.2	35	12.2	23	20.4	8	13.0	22	9.8	58	15.6
NS	7	7.3	11	4.2	10	6.3	8	9.8	3	7.1	5	5.4	13	4.6	7	6.4	7	12.1	12	5.5	23	6.2
Total	95	100.0	260	100.0	154	100.0	83	100.0	41	100.0	94	100.0	284	100.0	112	100.0	61	100.0	229	100.0	372	100.0

	Total		Gender Male		Female		Education <HS		HS Grad		Some Col		College+		Religion Catholic		Protestant		Jewish		Other	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
Str agree	339	56.4	169	58.6	170	54.3	8	48.2	71	55.4	112	64.4	149	52.3	82	52.8	185	61.9	1	20.7	68	49.3
Smwt agree	116	19.3	42	14.5	74	23.8	3	19.0	33	25.6	31	18.1	49	17.3	35	22.5	53	17.9			28	20.1
Smwt disagree	30	5.0	18	6.1	12	3.9	1	4.1	7	5.1	9	4.9	14	4.9	7	4.2	9	3.1	2	26.9	12	9.0
Str disagree	81	13.4	48	16.6	33	10.5	2	14.6	7	5.3	17	9.8	55	19.3	23	14.8	31	10.2	3	52.4	24	17.3
NS	36	5.9	12	4.1	24	7.6	2	14.1	11	8.6	5	2.7	18	6.2	9	5.7	21	6.9			6	4.2
Total	601	100.0	288	100.0	313	100.0	16	100.0	128	100.0	173	100.0	284	100.0	156	100.0	299	100.0	6	100.0	138	100.0

	Race White		Hisp		AfrAmer		Asian		Other		Income < $15K		$15-25K		$25-35K		$35-50K		$50-75K		$75K+	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%
Str agree	291	57.9	9	48.3	30	50.1	3	56.7	3	57.4	28	54.4	32	65.7	26	35.7	48	61.2	82	67.4	94	56.6
Smwt agree	94	18.6	9	51.7	10	16.1	2	31.2	1	15.4	11	21.0	7	14.0	23	32.2	13	17.3	19	15.6	32	19.3
Smwt disagree	26	5.1			3	5.3	1	12.1	0	5.6	2	4.9	2	4.0	5	6.4	1	.9	8	6.5	7	4.3
Str disagree	60	11.9			14	24.1			1	16.0	2	4.9	4	8.6	17	23.5	11	14.3	10	8.1	22	13.4
NS	33	6.5			3	4.4			0	5.6	8	14.8	4	7.7	2	2.3	5	6.3	3	2.4	11	6.4
Total	503	100.0	18	100.0	59	100.0	6	100.0	6	100.0	51	100.0	48	100.0	72	100.0	78	100.0	122	100.0	166	100.0