



Ipsos Poll Conducted for Reuters **Core Political Data (Expansion)**

11.03.2016

© 2016 Ipsos. All rights reserved. Contains Ipsos' Confidential and Proprietary information and may not be disclosed or reproduced without the prior written consent of Ipsos.

IPSOS POLL CONDUCTED FOR REUTERS

Core Political Data

These are findings from an Ipsos poll conducted

for



REUTERS

date

October 29- November 2, 2016



For the survey,

a sample of

2,708

Americans

including

Category
(registered voters)

Sample
Size

Men	1,128
Women	1,229
White	1,693
Minority	664
No college	420
Some college	787
College or more	1,150

ages

18+

were interviewed online

Core Political Data

The precision of the Reuters/Ipsos online polls is measured using a credibility interval.

In this case, the poll has a credibility interval of plus or minus the following percentage points

	Category	Credibility Interval
2.1	Men	3.3
	Women	3.2
	White	2.7
	Minority	4.3
	No college	5.5
	Some college	4.0
	College or more	3.3

For more information about credibility intervals, please see the appendix.

Core Political Data

- The data were weighted to the U.S. current population data by:
 - **Gender**
 - **Age**
 - **Education**
 - **Ethnicity**
- Statistical margins of error are not applicable to online polls.
- All sample surveys and polls may be subject to other sources of error, including, but not limited to coverage error and measurement error.
- Figures marked by an asterisk (*) indicate a percentage value of greater than zero but less than one half of one per cent.
- Where figures do not sum to 100, this is due to the effects of rounding.
- *To see more information on this and other Reuters/Ipsos polls, please visit:
<http://polling.reuters.com/>*

Main Problem Facing America

In your opinion, what is the most important problem facing the US today?

	Men	Women	White	Minority	No college	Some college	College or more
Economy generally	22%	19%	23%	16%	14%	22%	27%
Unemployment / lack of jobs	13%	10%	10%	15%	14%	11%	9%
War / foreign conflicts	4%	3%	4%	4%	4%	3%	3%
Immigration	8%	6%	7%	6%	8%	6%	6%
Terrorism / terrorist attacks	14%	18%	18%	11%	17%	14%	16%
Healthcare	12%	14%	13%	12%	15%	12%	11%
Energy issues	1%	1%	1%	2%	1%	1%	1%
Morality	5%	6%	6%	4%	5%	6%	6%
Education	5%	5%	4%	7%	3%	6%	7%
Crime	4%	6%	3%	9%	5%	5%	4%
Environment	4%	4%	4%	4%	3%	6%	5%
Don't know	2%	3%	2%	4%	4%	2%	1%
Other	5%	6%	5%	7%	6%	6%	5%

Trump / Clinton Head-to-Head

If the 2016 presidential election were being held today and the candidates were as below, for whom would you vote?

	Men	Women	White	Minority	No college	Some college	College or more
Hillary Clinton (Democrat)	45%	46%	38%	63%	40%	45%	53%
Donald Trump (Republican)	41%	35%	46%	20%	43%	38%	31%
Other	8%	10%	10%	7%	8%	11%	9%
Wouldn't Vote	2%	3%	2%	4%	4%	2%	2%
Don't know / Refused	3%	7%	4%	6%	6%	4%	4%

Four-Way Ballot Head-to-Head

If the 2016 presidential election were being held today and the candidates were as below, for whom would you vote?

	Men	Women	White	Minority	No college	Some college	College or more
Hillary Clinton (Democrat)	45%	44%	37%	62%	39%	44%	52%
Donald Trump (Republican)	38%	34%	44%	18%	40%	37%	30%
Gary Johnson (Libertarian)	7%	5%	6%	5%	5%	7%	7%
Jill Stein (Green)	3%	4%	3%	5%	5%	3%	3%
Other	3%	4%	3%	4%	4%	4%	3%
Wouldn't Vote	2%	2%	2%	3%	3%	2%	1%
Don't know / Refused	2%	7%	5%	4%	6%	4%	3%

General Election Candidate Favorability

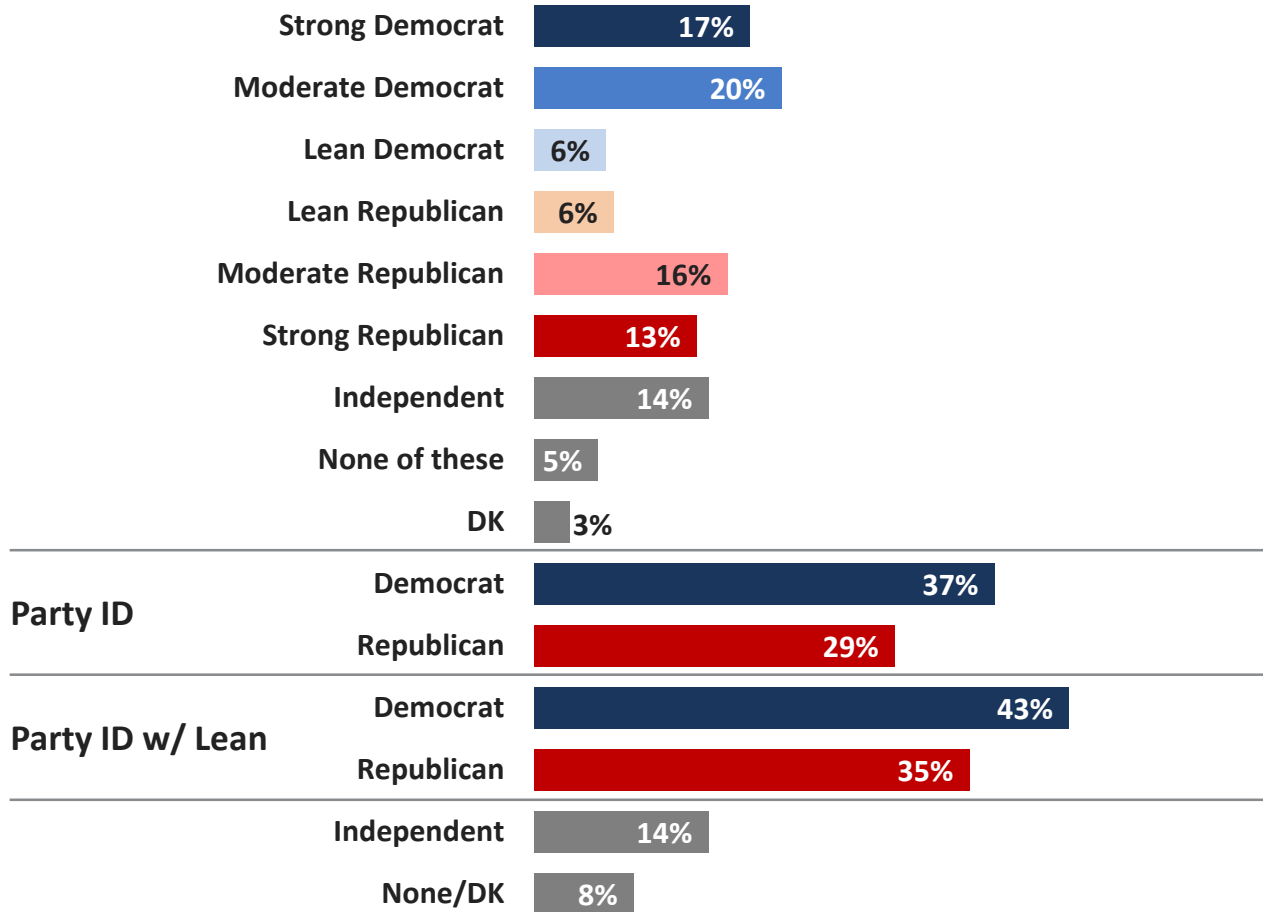
Would you say you are generally favorable or unfavorable towards these public figures?

Donald Trump	Men	Women	White	Minority	No college	Some college	College or more
Favorable	52%	38%	51%	32%	50%	44%	40%
Unfavorable	48%	62%	49%	68%	50%	56%	60%

Hillary Clinton	Men	Women	White	Minority	No college	Some college	College or more
Favorable	51%	50%	41%	72%	49%	48%	55%
Unfavorable	49%	50%	59%	28%	51%	52%	45%

ALL ADULT AMERICANS

Political Identity



All Adults: n= 2,708

How to Calculate Bayesian Credibility Intervals

The calculation of credibility intervals assumes that Y has a binomial distribution conditioned on the parameter θ , i.e., $Y|\theta \sim \text{bin}(n, \theta)$, where n is the size of our sample. In this setting, Y counts the number of “yes”, or “1”, observed in the sample, so that the sample mean ($\bar{y}$) is a natural estimate of the true population proportion θ . This model is often called the likelihood function, and it is a standard concept in both the bayesian and the classical framework. The bayesian 1 statistics combines both the prior distribution and the likelihood function to create a posterior distribution.

The posterior distribution represents our opinion about which are the plausible values for θ adjusted after observing the sample data. In reality, the posterior distribution is one’s knowledge base updated using the latest survey information. For the prior and likelihood functions specified here, the posterior distribution is also a beta distribution ($\pi(\theta/y) \sim \beta(y+a, n-y+b)$), but with updated hyper-parameters.

Our credibility interval for θ is based on this posterior distribution. As mentioned above, these intervals represent our belief about which are the most plausible values for θ given our updated knowledge base. There are different ways to calculate these intervals based on $\pi(\theta/y)$. Since we want only one measure of precision for all variables in the survey, analogous to what is done within the classical framework, we will compute the largest possible credibility interval for any observed sample. The worst case occurs when we assume that $a=1$ and $b=1$ and $y=n/2$. Using a simple approximation of the posterior by the normal distribution, the 95% credibility interval is given by, approximately:

$$\bar{y} \pm \frac{1}{\sqrt{n}}$$

How to Calculate Bayesian Credibility Intervals

FOR THIS POLL

The Bayesian credibility interval was adjusted using standard weighting design effect $1+L=1.3$ to account for complex weighting²

Examples of credibility intervals for different base sizes are below:

Ipsos does not publish data for base sizes (sample sizes) below 100.	SAMPLE SIZE	CREDIBILITY INTERVALS
	2,000	2.5
	1,500	2.9
	1,000	3.5
	750	4.1
	500	5.0
	350	6.0
	200	7.9
	100	11.2

¹ *Bayesian Data Analysis, Second Edition*, Andrew Gelman, John B. Carlin, Hal S. Stern, Donald B. Rubin, Chapman & Hall/CRC | ISBN: 158488388X | 2003

² Kish, L. (1992). Weighting for unequal π . *Journal of Official Statistics*, 8, 2, 183200.

ABOUT IPSOS

Ipsos ranks third in the global research industry. With a strong presence in 87 countries, Ipsos employs more than 16,000 people and has the ability to conduct research programs in more than 100 countries. Founded in France in 1975, Ipsos is controlled and managed by research professionals. They have built a solid Group around a multi-specialist positioning – Media and advertising research; Marketing research; Client and employee relationship management; Opinion & social research; Mobile, Online, Offline data collection and delivery.

Ipsos is listed on Eurolist – NYSE – Euronext. The company is part of the SBF 120 and the Mid-60 index and is eligible for the Deferred Settlement Service (SRD).

ISIN code FR0000073298, Reuters ISOS.PA, Bloomberg IPS:FP

www.ipsos.com

GAME CHANGERS

At Ipsos we are passionately curious about people, markets, brands and society. We deliver information and analysis that makes our complex world easier and faster to navigate and inspires our clients to make smarter decisions.

We believe that our work is important. Security, simplicity, speed and substance applies to everything we do.

Through specialisation, we offer our clients a unique depth of knowledge and expertise. Learning from different experiences gives us perspective and inspires us to boldly call things into question, to be creative.

By nurturing a culture of collaboration and curiosity, we attract the highest calibre of people who have the ability and desire to influence and shape the future.

“GAME CHANGERS” – our tagline – summarises our ambition.