IPSOS POLL DATA
Prepared by Ipsos Public Affairs

## Ipsos Poll

Nativism Topline 5.27.2016

These are findings from an Ipsos poll conducted December 28-29, 2015 on behalf of Ipsos Public Affairs North America. For the survey, a sample of roughly 2,012 adults age 18+ from the continental U.S., Alaska and Hawaii was interviewed online in English. The sample included 845 Democrats, 645 Republicans, and 187 Independents.

The sample for this study was randomly drawn from Ipsos's online panel (see link below for more info on "Access Panels and Recruitment"), partner online panel sources, and "river" sampling (see link below for more info on the Ipsos "Ampario Overview" sample method) and does not rely on a population frame in the traditional sense. Ipsos uses fixed sample targets, unique to each study, in drawing sample. After a sample has been obtained from the Ipsos panel, Ipsos calibrates respondent characteristics to be representative of the U.S. Population using standard procedures such as raking-ratio adjustments. The source of these population targets is U.S. Census 2015 American Community Survey data. The sample drawn for this study reflects fixed sample targets on demographics. Post-hoc weights were made to the population characteristics on gender, age, region, race/ethnicity and income.

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. Where figures do not sum to 100, this is due to the effects of rounding. The precision of Ipsos online polls is measured using a credibility interval. In this case, the poll has a credibility interval of plus or minus 3.1 percentage point for all respondents (see link below for more info on Ipsos online polling "Credibility Intervals"). Ipsos calculates a design effect (DEFF) for each study based on the variation of the weights, following the formula of Kish (1965). This study had a credibility interval adjusted for design effect of the following ( $n=2,012, D E F F=1.5$, adjusted Confidence Interval=4.0).

The poll also has a credibility interval plus or minus 5.3 percentage points for Democrats, plus or minus 5.9 percentage points for Republicans, and plus or minus 9.7 percentage points for Independents (see link below for more info on Ipsos online polling "Credibility Intervals").

For more information about Ipsos online polling methodology, please go here http://goo.gl/yJBkuf

|  |  | Total | Democrat |  | Republican | Independent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ted Cruz | $24 \%$ | $4 \%$ |  | $60 \%$ | $17 \%$ |
|  | Hillary Clinton | $38 \%$ | $72 \%$ | $9 \%$ | $20 \%$ |  |
| 1. If the 2016 presidential election was | Neither / Other | $28 \%$ |  | $20 \%$ | $28 \%$ | $54 \%$ |
| being held today and the candidates were | Wouldn't vote | $11 \%$ |  | $4 \%$ | $3 \%$ | $9 \%$ |
|  | Total | 2,012 | 845 | 645 | 187 |  |

2. If the 2016 presidential election was being held today and the candidates were as below, for whom would you vote?
Donald Trump
Hillary Clinton
Neither / Other
Wouldn't vote
Total

| Total | Democrat | Republican | Independent |
| :---: | :---: | :---: | :---: |
| 28\% | 8\% | 63\% | 25\% |
| 37\% | 71\% | 8\% | 20\% |
| 26\% | 19\% | 27\% | 49\% |
| 9\% | 3\% | 2\% | 6\% |
| 2,012 | 845 | 645 | 187 |

IPSOS POLL DATA
Prepared by Ipsos Public Affairs

| 3_1. Do you agree or disagree with the following statements? The United States is a nation of immigrants |  | Total | Democrat | Republican | Independent |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly agree | 40\% | 48\% | 34\% | 35\% |
|  | Tend to agree | 42\% | 36\% | 49\% | 51\% |
|  | Tend to disagree | 10\% | 9\% | 11\% | 11\% |
|  | Strongly disagree | 3\% | 4\% | 3\% | 2\% |
|  | Don't know | 6\% | 4\% | 3\% | 2\% |
|  | Total | 2,012 | 845 | 645 | 187 |
| 3_2. Do you agree or disagree with the following statements? More and more, I don't identify with what America has become |  | Total | Democrat | Republican | Independent |
|  | Strongly agree | 25\% | 18\% | 35\% | 25\% |
|  | Tend to agree | 37\% | 35\% | 37\% | 45\% |
|  | Tend to disagree | 21\% | 28\% | 15\% | 19\% |
|  | Strongly disagree | 10\% | 13\% | 8\% | 7\% |
|  | Don't know | 8\% | 6\% | 5\% | 5\% |
|  | Total | 2,012\% | 845 | 645 | 187 |
| 3_3. Do you agree or disagree with the following statements? More and more, <br> America is a place that I can feel comfortable |  | Total | Democrat | Republican | Independent |
|  | Strongly agree | 14\% | 19\% | 12\% | 9\% |
|  | Tend to agree | 31\% | 38\% | 25\% | 33\% |
|  | Tend to disagree | 33\% | 28\% | 41\% | 39\% |
|  | Strongly disagree | 14\% | 10\% | 19\% | 14\% |
|  | Don't know | 7\% | 6\% | 5\% | 5\% |
|  | Total | 2,012 | 845 | 645 | 187 |
| 3_4. Do you agree or disagree with the following statements? These days I feel like a stranger in my own country |  | Total | Democrat | Republican | Independent |
|  | Strongly agree | 18\% | 14\% | 24\% | 17\% |
|  | Tend to agree | 30\% | 27\% | 34\% | 36\% |
|  | Tend to disagree | 27\% | 31\% | 26\% | 26\% |
|  | Strongly disagree | 18\% | 24\% | 12\% | 17\% |
|  | Don't know | 7\% | 5\% | 4\% | 4\% |
|  | Total | 2,012 | 845 | 645 | 187 |
| 3_5. Do you agree or disagree with the following statements? It is increasingly hard for someone like me to get ahead in America |  | Total | Democrat | Republican | Independent |
|  | Strongly agree | 23\% | 23\% | 22\% | 27\% |
|  | Tend to agree | 33\% | 35\% | 31\% | 37\% |
|  | Tend to disagree | 25\% | 24\% | 30\% | 21\% |
|  | Strongly disagree | 13\% | 14\% | 14\% | 10\% |
|  | Don't know | 6\% | 5\% | 4\% | 5\% |
|  | Total | 2,012 | 845 | 645 | 187 |




## How to Calculate Bayesian Credibility Intervals

The calculation of credibility intervals assumes that $Y$ has a binomial distribution conditioned on the parameter $\theta \backslash$, i.e., $Y \mid \theta^{\sim} \operatorname{Bin}(n, \theta)$, 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 $\theta$. 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 $\theta$ 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 $\vartheta$ is based on this posterior distribution. As mentioned above, these intervals represent our belief about which are the most plausible values for $\vartheta$ 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 $\mathrm{y}=n / 2$. Using a simple approximation of the posterior by the normal distribution, the $95 \%$ credibility interval is given by, approximately:

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

For this poll, the Bayesian Credibility Interval was adjusted using standard weighting design effect $1+L=1.3$ to account for complex weighting ${ }^{2}$

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 |

