



# IPSOS / REUTERS POLL DATA

Prepared by Ipsos Public Affairs

## Ipsos Poll Conducted for Reuters

Brussels Topline 3.28.2016

These are findings from an Ipsos poll conducted March 22-28, 2016 on behalf Thomson Reuters. For the survey, a sample of roughly 1,976 adults age 18+ from the continental U.S., Alaska and Hawaii was interviewed online in English. The sample included roughly 834 Democrats, 700 Republicans, and 258 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 2.5 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=1,976, DEFF=1.5, adjusted Confidence Interval=4.0).

The poll also has a credibility interval plus or minus 3.9 percentage points for Democrats, plus or minus 4.2 percentage points for Republicans, and plus or minus 7.0 percentage points for (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>

		<u>Total</u>	<u>Democrat</u>	<u>Republican</u>	<u>Independent</u>
AB10_203 - Awareness... <b>The recent attacks at the airport and a metro station in Brussels</b>	No	22%	21%	12%	24%
	Yes	78%	79%	88%	76%
	Total	1976	834	700	258
TM876Y16 - How do you feel about the use of torture against suspected terrorists to obtain information about terrorism activities? Can that..?	Often be justified	25%	18%	36%	24%
	Sometimes be justified	38%	35%	46%	39%
	Rarely be justified	21%	26%	14%	24%
	Never be justified	15%	21%	4%	13%
	Total	1976	834	700	258
TM38_1_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Attending a concert?</b>	Very concerned	15%	17%	12%	18%
	Somewhat concerned	24%	23%	26%	31%
	Not too concerned	29%	28%	34%	26%
	Not at all concerned	19%	23%	18%	10%
	Unsure	3%	2%	1%	2%
	Not applicable	10%	6%	9%	12%
Total	1976	834	700	258	
TM38_2_Scale - How concerned, if at all, are you about your safety in the following	Very concerned	13%	15%	10%	14%
	Somewhat concerned	17%	17%	17%	19%



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situation... <b>Attending or running in a marathon?</b>	Not too concerned	28%	27%	30%	31%
	Not at all concerned	20%	24%	21%	13%
	Unsure	3%	3%	2%	3%
	Not applicable	20%	15%	19%	19%
	Total	1976	834	700	258
TM38_3_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Going to a movie or film?</b>	Very concerned	12%	15%	10%	10%
	Somewhat concerned	18%	19%	19%	19%
	Not too concerned	32%	30%	36%	39%
	Not at all concerned	27%	30%	28%	20%
	Unsure	3%	4%	2%	4%
TM38_4_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Attending a stadium sporting event (e.g. a baseball or basketball game)?</b>	Not applicable	7%	3%	5%	8%
	Total	1976	834	700	258
	Very concerned	17%	19%	15%	20%
	Somewhat concerned	24%	23%	27%	28%
	Not too concerned	29%	27%	34%	27%
TM38_5_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Attending a public rally?</b>	Not at all concerned	17%	22%	14%	12%
	Unsure	3%	3%	2%	2%
	Not applicable	10%	6%	8%	11%
	Total	1976	834	700	258
	Very concerned	20%	23%	16%	24%
TM38_6_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Going to your place of worship for a religious event?</b>	Somewhat concerned	29%	28%	35%	28%
	Not too concerned	23%	24%	23%	22%
	Not at all concerned	12%	13%	11%	12%
	Unsure	4%	4%	2%	2%
	Not applicable	12%	7%	12%	12%
TM38_7_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Festivals and fairs?</b>	Total	1976	834	700	258
	Very concerned	11%	14%	8%	11%
	Somewhat concerned	15%	15%	16%	18%
	Not too concerned	24%	21%	26%	30%
	Not at all concerned	34%	34%	41%	26%
TM38_8_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Bars, restaurants or clubs?</b>	Unsure	2%	2%	1%	2%
	Not applicable	14%	14%	9%	13%
	Total	1976	834	700	258
	Very concerned	14%	16%	12%	13%
	Somewhat concerned	24%	23%	26%	28%
TM38_9_Scale - How concerned, if at all, are you about your safety in the following situation... <b>At your workplace or</b>	Not too concerned	33%	31%	36%	34%
	Not at all concerned	21%	24%	21%	13%
	Unsure	3%	3%	1%	3%
	Not applicable	6%	3%	4%	8%
	Total	1976	834	700	258
TM38_8_Scale - How concerned, if at all, are you about your safety in the following situation... <b>Bars, restaurants or clubs?</b>	Very concerned	12%	15%	9%	10%
	Somewhat concerned	21%	21%	21%	28%
	Not too concerned	33%	29%	38%	38%
	Not at all concerned	26%	29%	26%	18%
	Unsure	2%	2%	1%	1%
TM38_9_Scale - How concerned, if at all, are you about your safety in the following situation... <b>At your workplace or</b>	Not applicable	6%	3%	6%	5%
	Total	1976	834	700	258
	Very concerned	11%	15%	8%	8%
	Somewhat concerned	12%	14%	11%	14%
	Not too concerned	25%	22%	30%	33%



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<b>workplace related events?</b>	Not at all concerned	30%	31%	32%	30%
	Unsure	3%	3%	1%	3%
	Not applicable	18%	15%	18%	13%
	Total	1976	834	700	258
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TM38_10_Scale - How concerned, if at all, are you about your safety in the following situation... <b>At an airport, bus or train station?</b>	Very concerned	25%	26%	25%	30%
	Somewhat concerned	32%	31%	37%	29%
	Not too concerned	22%	23%	21%	25%
	Not at all concerned	11%	13%	12%	8%
	Unsure	3%	3%	1%	1%
	Not applicable	6%	4%	4%	7%
	Total	1976	834	700	258
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TM39 - In your view, which of the following pose the biggest threat to the safety of average Americans? *Was active before 3/22	Foreign terrorism (committed by non-Americans on American soil)	33%	23%	44%	41%
	Politically or religiously-motivated domestic terrorism (committed by Americans on American soil)	22%	21%	24%	22%
	Random acts of violence such as mass shootings (committed by Americans on American soil)	45%	56%	32%	37%
	Total	2278	960	825	286
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TM740Y15 - Do you think taking in refugees from Syria makes the host country more or less safe from terrorism, or does it make no difference?	More safe	5%	8%	3%	5%
	Less safe	53%	39%	74%	60%
	No difference	29%	41%	16%	26%
	Don't know	12%	13%	7%	9%
	Total	1976	834	700	258
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TM741Y15 - Which of the following statements is closer to your opinion?	Countries should continue to take in refugees from countries where ISIS is a threat because most of these individuals are	34%	53%	20%	22%
	Countries should stop taking in refugees from countries where ISIS is a threat because some may be terrorists or become	48%	33%	68%	58%
	Don't know	18%	15%	12%	20%
	Total	1976	834	700	258
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TM40_1_Scale - Please indicate the extent to which you agree or disagree with each of the following... <b>There should be more police and law enforcement at large public events</b>	Strongly agree	30%	29%	33%	27%
	Somewhat agree	38%	37%	42%	41%
	Neither agree nor disagree	20%	20%	16%	21%
	Somewhat disagree	6%	7%	5%	7%
	Strongly disagree	2%	3%	1%	1%
	Unsure	4%	3%	3%	4%
	Total	1976	834	700	258



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TM40_2_Scale - Please indicate the extent to which you agree or disagree with each of the following... <b>I worry about the increased cost to taxpayers if public events require more police and law enforcement officials</b>	Strongly agree	15%	17%	11%	18%
	Somewhat agree	29%	29%	30%	39%
	Neither agree nor disagree	27%	24%	29%	26%
	Somewhat disagree	15%	17%	16%	9%
	Strongly disagree	9%	9%	11%	5%
	Unsure	5%	3%	3%	3%
	Total	1976	834	700	258
TM40_3_Scale - Please indicate the extent to which you agree or disagree with each of the following... <b>I worry that Americans' civil rights may be infringed upon in the aftermath of incidents like the attacks in Brussels</b>	Strongly agree	18%	20%	17%	19%
	Somewhat agree	28%	30%	27%	27%
	Neither agree nor disagree	27%	26%	27%	33%
	Somewhat disagree	13%	11%	15%	13%
	Strongly disagree	8%	8%	10%	4%
	Unsure	6%	4%	3%	4%
	Total	1976	834	700	258
TM40_4_Scale - Please indicate the extent to which you agree or disagree with each of the following... <b>The attacks in Brussels have made me more fearful for my safety and the safety of my family</b>	Strongly agree	14%	16%	12%	12%
	Somewhat agree	27%	27%	32%	22%
	Neither agree nor disagree	27%	23%	26%	40%
	Somewhat disagree	16%	16%	17%	17%
	Strongly disagree	11%	15%	10%	5%
	Unsure	6%	4%	3%	4%
	Total	1976	834	700	258
TM40_5_Scale - Please indicate the extent to which you agree or disagree with each of the following... <b>An incident like the attacks in Brussels could happen near me</b>	Strongly agree	24%	25%	25%	19%
	Somewhat agree	35%	34%	39%	35%
	Neither agree nor disagree	20%	17%	20%	30%
	Somewhat disagree	9%	10%	10%	6%
	Strongly disagree	6%	8%	4%	5%
	Unsure	6%	5%	3%	4%
	Total	1976	834	700	258
TM877Y16 - How likely, if at all, do you think it is that there will be a terrorist attack in the next 6 months here in the United States?	Very likely	23%	19%	31%	25%
	Somewhat likely	41%	43%	44%	42%
	Not very likely	17%	22%	14%	13%
	Not at all likely	3%	4%	3%	2%
	Don't know	15%	11%	8%	17%
	Total	1976	834	700	258



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## How to Calculate Bayesian Credibility Intervals

The calculation of credibility intervals assumes that  $Y$  has a binomial distribution conditioned on the parameter  $\theta$ , 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  $\theta$ . This model is often called the likelihood function, and it is a standard concept in both the Bayesian and the Classical framework. The Bayesian<sup>1</sup> 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  $y=n/2$ . Using a simple approximation of the posterior by the normal distribution, the 95% credibility interval is given by, approximately:

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

For this poll, the Bayesian Credibility Interval was adjusted using standard weighting design effect  $1+L=1.3$  to account for complex weighting<sup>2</sup>

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