



INSTITUTE OF
PUBLIC OPINION
MUHLENBERG COLLEGE

MUHLENBERG COLLEGE /MORNING CALL

2010 Pennsylvania General Election Tracking Poll

RELEASE #13 – November 1, 2010

FIELDING PERIOD – October 28-31, 2010

SAMPLE – 474 Likely Voters in Pennsylvania

MARGIN OF ERROR - +/- 4.5% at 95% Level of Confidence

TOTALS MAY NOT EQUAL 100% DUE TO ROUNDING

METHODOLOGY: Beginning on October 20 and ending on November 1, 2010, The Muhlenberg College Institute of Public Opinion and the *Morning Call* will be releasing daily results from their statewide general election tracking poll. The results are drawn from telephone surveys of likely voters in the Commonwealth of Pennsylvania. Each day's release will be based on the results of interviews conducted during the previous four days. For example, the initial release on Wednesday, October 20th was produced from interviews conducted between October 16th and 9th. While the total sample size will alternate from day to day because of varying completion rates, the average sample sizes will be approximately 400. Precise margins of error will be identified with each release and average around +/-5% at a 95% level of confidence.

All interviews will be conducted by individuals who have been trained in standard interviewing procedures. The sampling frame for this research is a list of registered voters in the Commonwealth of Pennsylvania. To determine if an individual is a likely voter the Muhlenberg College/*Morning Call* poll uses a three step process. First, the individual must be registered to vote in the Commonwealth of Pennsylvania. This is validated through the use of registered voting records provided by the Secretary of State in Pennsylvania. Second, the individual must identify their likelihood of voting in the November, 2010 election as either "definite" or "very likely." Finally, the individual must have voted in at least half of the general elections in which they were eligible since 2002 or who had registered to vote since 2008 and voted in the 2010 primary election. For example, if a voter was registered since 2003 they would have to have voted in at least 2 of the 3 general elections (2004, 2006, 2008) since that year to be included in the sampling frame for the study.

If an individual meets these three requirements they are identified as a likely voter. If they do not meet all three of the requirements they are excluded from participation. All registered voters who meet the likely voter criteria specified above have an equal chance of being selected for inclusion in the poll. Voters are chosen at random through a computerized selection process.

The data gathered through our interviewing process is statistically weighted to insure that the sample reflects the primary voters in terms of gender and region of the state. The weighting process is required because different segments of the population respond to interview requests in different ways. For example, women answer the phone more than men and are therefore likely to be overrepresented in the sample.

TRACKING POLL RESULTS –OCTOBER 25th TRACKING PERIOD

Senate Race (Including Leaners)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Toomey	41%	43%	43%	45%	46%	47%	48%	46%	48%	47%	45%	45%	48%
Sestak	44%	43%	43%	42%	43%	42%	40%	41%	40%	42%	43%	43%	44%
Other/Not Sure	15%	14%	14%	13%	11%	11%	12%	12%	12%	12%	12%	11%	9%

Governor's Race (Including Leaners)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Onorato	40%	38%	40%	41%	41%	41%	39%	38%	37%	38%	41%	41%	42%
Corbett	47%	49%	49%	49%	50%	49%	50%	52%	52%	52%	50%	48%	49%
Other/Not Sure	14%	12%	11%	11%	9%	9%	11%	10%	11%	10%	9%	10%	8%

Favorability Ratings for Senatorial and Government Candidates

Pat Toomey

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	34%	36%	36%	37%	36%	36%	36%	37%	39%	38%	37%	35%	37%
Unfavorable	36%	35%	35%	33%	36%	36%	37%	39%	37%	38%	38%	37%	37%
Neutral/Not Sure	30%	29%	29%	30%	28%	28%	27%	23%	23%	23%	25%	27%	27%

Joe Sestak

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	34%	31%	31%	31%	34%	35%	35%	37%	35%	37%	38%	37%	36%
Unfavorable	34%	35%	34%	35%	36%	37%	38%	40%	41%	38%	35%	33%	32%
Neutral/Not Sure	32%	33%	34%	34%	31%	29%	27%	24%	23%	25%	28%	29%	31%

Dan Onorato

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	32%	31%	34%	34%	36%	37%	36%	38%	36%	36%	37%	35%	37%
Unfavorable	39%	41%	40%	39%	38%	37%	40%	41%	43%	42%	39%	39%	39%
Neutral/Not Sure	29%	28%	25%	27%	25%	26%	25%	22%	21%	22%	24%	25%	24%

Tom Corbett

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	40%	42%	42%	41%	42%	40%	44%	46%	48%	49%	46%	44%	46%
Unfavorable	31%	29%	30%	30%	30%	30%	28%	29%	28%	29%	29%	28%	28%
Neutral/Not Sure	30%	29%	26%	29%	28%	29%	28%	25%	24%	23%	25%	27%	25%

SURVEY INSTRUMENT AND TRACKING PERIOD FREQUENCIES

Muhlenberg College/ *Morning Call*
 Institute of Public Opinion
 Pennsylvania Elections TRACKING POLL

Introductory Statement:

Hello, my name is _____. I'm a student at Muhlenberg College conducting a research project regarding the upcoming elections in Pennsylvania. Would you be willing to help us by answering a few questions?

Q1: Which of the following categories best describes your current voting status? Are you registered as a _____? (READ LIST)

1. Democrat
2. Republican
3. Independent
4. Other Party
5. Not Registered to Vote in Pennsylvania (Volunteered) (END SURVEY)
6. Not Sure (Volunteered)
7. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Democrat	46%	45%	46%	47%	47%	46%	43%	45%	43%	43%	47%	48%	48%
Republican	46%	48%	49%	49%	47%	48%	48%	48%	48%	47%	45%	44%	46%
Independent	8%	6%	5%	5%	5%	5%	7%	6%	7%	8%	6%	6%	6%
Other Party	1%	1%	<1%	<1%	1%	1%	1%	2%	2%	2%	2%	2%	1%

Q2: How likely are you to vote in the midterm elections this November? Are you definitely going to vote, very likely to vote, not too likely to vote or definitely not voting in the November Election?

1. Definitely Going to Vote
2. Very Likely To Vote
3. Not Too Likely to Vote (END SURVEY)
4. Definitely not voting (END SURVEY)
5. Not Sure (Volunteered) (END SURVEY)
6. Refused (Volunteered) (END SURVEY)

Voting:	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Definitely	93%	90%	89%	91%	92%	92%	89%	87%	87%	87%	91%	93%	92%
Very Likely	7%	10%	11%	9%	8%	8%	11%	13%	13%	13%	9%	7%	8%

Q3: Next, I would like for you to rate the performance of a few political officials. For each name that I read, please tell me if you approve or disapprove of the way he is doing his job.

First, President Barack Obama?

1. Approve
2. Disapprove
3. No opinion (Volunteered)
4. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Approve	42%	40%	41%	42%	40%	42%	40%	41%	41%	41%	42%	43%	43%
Disapprove	51%	51%	51%	49%	51%	51%	53%	52%	53%	52%	50%	52%	52%
No Opinion	7%	8%	8%	8%	8%	7%	7%	7%	6%	7%	8%	6%	6%

Q4: How about Governor Ed Rendell?

1. Approve
2. Disapprove
3. No opinion (Volunteered)
4. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Approve	33%	30%	34%	34%	34%	36%	34%	34%	32%	32%	33%	35%	35%
Disapprove	56%	59%	55%	55%	55%	53%	55%	53%	56%	56%	54%	54%	53%
No Opinion	11%	10%	11%	11%	11%	11%	11%	12%	12%	12%	13%	11%	12%

Q5: Now, I would like to ask your overall impression of a few political figures. For each name I read, please tell me if your impression of him is favorable or unfavorable.

First, Joe Sestak

1. Favorable
2. Unfavorable
3. Neutral/Not Sure (Volunteered)
4. Haven't heard of him (Volunteered)
5. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	34%	31%	31%	31%	34%	35%	35%	37%	35%	37%	38%	37%	36%
Unfavorable	34%	35%	34%	35%	36%	37%	38%	40%	41%	38%	35%	33%	32%
Neutral/Not Sure	32%	33%	34%	34%	31%	29%	27%	23%	23%	25%	28%	29%	31%

Q6: Next, Pat Toomey

1. Favorable
2. Unfavorable
3. Neutral/Not Sure (Volunteered)
4. Haven't Heard of Him (Volunteered)
5. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	34%	36%	36%	37%	36%	36%	36%	37%	39%	38%	37%	35%	37%
Unfavorable	36%	35%	35%	33%	36%	36%	37%	39%	37%	38%	38%	37%	37%
Neutral/Not Sure	30%	29%	29%	30%	28%	28%	27%	23%	23%	23%	25%	27%	27%

Q7: How about Tom Corbett?

1. Favorable
2. Unfavorable
3. Neutral/Not Sure (Volunteered)
4. Haven't Heard of Him (Volunteered)
5. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	40%	42%	42%	41%	42%	40%	44%	46%	48%	49%	46%	44%	46%
Unfavorable	31%	29%	30%	30%	30%	30%	28%	29%	28%	29%	29%	28%	28%
Neutral/Not Sure	30%	29%	26%	29%	28%	29%	28%	25%	24%	23%	25%	27%	25%

Q8: and Dan Onorato?

1. Favorable
2. Unfavorable
3. Neutral/Not Sure
4. Haven't Heard of Him
5. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Favorable	32%	31%	34%	34%	36%	37%	36%	38%	36%	36%	37%	35%	37%
Unfavorable	39%	41%	40%	39%	38%	37%	40%	41%	43%	42%	39%	39%	39%
Neutral/Not Sure	29%	28%	25%	27%	25%	26%	25%	22%	21%	22%	24%	25%	24%

Q9: If the elections for Congress were being held today, which party's candidate would you vote for in your congressional district? The Democratic Party's candidate or the Republican Party's candidate? (OPTIONS ROTATED)

1. Democrat
2. Republican
3. Neither/Other (Volunteered)
4. Not Sure (Volunteered)
5. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Democrat	39%	37%	40%	42%	42%	44%	42%	42%	39%	40%	40%	42%	43%
Republican	44%	44%	43%	43%	45%	47%	49%	49%	50%	49%	48%	46%	47%
Neither/Other	5%	5%	4%	4%	3%	2%	2%	2%	2%	3%	3%	3%	3%
Not Sure	13%	14%	14%	12%	10%	8%	7%	7%	8%	9%	9%	8%	7%

Q10: Now, if the 2010 Pennsylvania Governor election was being held today and the race was between Tom Corbett and Dan Onorato, who would you vote for? (OPTIONS ROTATED)

1. Tom Corbett (GO TO Q12)
2. Dan Onorato (GO TO Q12)
3. Neither/Other (GO TO Q12)
4. Not Sure (Volunteered)
5. Refused (Volunteered) (GO to Q12)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Tom Corbett	46%	48%	48%	48%	49%	47%	49%	50%	51%	50%	48%	46%	48%
Dan Onorato	39%	37%	40%	41%	41%	41%	39%	37%	36%	37%	40%	40%	41%
Neither/Other	5%	4%	4%	3%	2%	2%	3%	3%	4%	4%	3%	3%	3%
Not Sure	10%	10%	9%	8%	8%	9%	9%	9%	9%	9%	9%	11%	9%

Q11: Are you leaning more toward voting for Tom Corbett or Dan Onorato? (OPTIONS ROTATED) (Answered only by individuals who answered "not sure" in Q10) (N= 53)

1. Tom Corbett
2. Dan Onorato
3. Not Sure (Volunteered)
4. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Tom Corbett	9%	5%	3%	<1%	6%	14%	15%	21%	18%	17%	18%	20%	18%
Dan Onorato	9%	10%	12%	8%	8%	5%	2%	5%	10%	12%	13%	12%	16%
Not Sure	82%	86%	85%	92%	86%	81%	83%	74%	73%	71%	69%	72%	67%

GOVERNOR RACE with LEANERS INCLUDED

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Tom Corbett	47%	49%	49%	49%	50%	49%	50%	52%	52%	52%	50%	48%	49%
Dan Onorato	40%	38%	40%	41%	41%	41%	39%	38%	37%	38%	41%	41%	42%
Neither/Other	5%	4%	3%	3%	2%	2%	3%	3%	4%	4%	3%	3%	3%
Not Sure	9%	8%	8%	7%	7%	7%	8%	7%	7%	6%	6%	7%	5%

Q12: Now, if the 2010 U.S. Senate election was being held today and the race was between Joe Sestak and Pat Toomey, who would you vote for? (OPTIONS ROTATED)

1. Joe Sestak (GO TO Q14)
2. Pat Toomey (GO TO Q14)
3. Other (Volunteered)(GO TO Q14)
4. Not Sure (Volunteered)
5. Refused (Volunteered) (GO Too Q14)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Joe Sestak	43%	41%	41%	40%	41%	41%	39%	40%	39%	40%	41%	42%	42%
Pat Toomey	40%	43%	43%	44%	45%	46%	47%	46%	47%	46%	44%	43%	45%
Neither/Other	5%	4%	4%	4%	3%	2%	3%	3%	2%	3%	2%	2%	2%
Not Sure	12%	12%	12%	11%	10%	11%	11%	11%	12%	12%	13%	13%	10%

Q13: Are you leaning more toward voting for Joe Sestak or Pat Toomey? (OPTIONS ROTATED)
(Answered only by individuals who answered “not sure” in Q12) (N= 63)

1. Joe Sestak
2. Pat Toomey
3. Not Sure (Volunteered)
4. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Joe Sestak	7%	14%	15%	14%	16%	6%	7%	14%	9%	15%	10%	10%	14%
Pat Toomey	9%	6%	6%	12%	10%	17%	20%	14%	14%	10%	10%	17%	21%
Not Sure	84%	81%	79%	74%	73%	77%	72%	73%	76%	75%	80%	73%	65%

SENATE RACE WITH LEANERS INCLUDED

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Joe Sestak	44%	43%	43%	42%	43%	42%	40%	41%	40%	42%	43%	43%	44%
Pat Toomey	41%	43%	43%	45%	46%	47%	48%	46%	48%	47%	45%	45%	48%
Neither/Other	5%	4%	4%	4%	3%	2%	3%	3%	2%	3%	2%	2%	2%
Not Sure	10%	10%	10%	9%	8%	9%	9%	9%	10%	9%	10%	9%	7%

Q14: Which of the following best describes your vote in the 2008 Presidential election? I voted for: (READ LIST)

1. Barack Obama
2. John McCain
3. Another candidate
4. Or I did not vote in that election
5. Don't recall (Volunteered)
6. Not sure (Volunteered)
7. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Obama	43%	44%	47%	49%	49%	48%	46%	47%	45%	47%	49%	49%	49%
McCain	49%	48%	46%	46%	45%	46%	49%	47%	49%	47%	44%	45%	44%
Other	4%	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	4%	3%
Didn't Vote	1%	2%	1%	1%	1%	1%	1%	2%	2%	3%	2%	1%	2%
Not Sure/DR/REF	<1%	2%	1%	1%	2%	2%	2%	2%	1%	1%	1%	1%	1%

Q15: Finally, I have a few questions about you. Which of the following categories best describes your racial identity? Are you (READ LIST)?

1. White/Caucasian
2. African-American
3. Hispanic
4. Latino
5. Asian
6. Native American
7. Mixed race
8. or another racial group
9. Not Sure (Volunteered)
10. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
White/Caucasian	92%	93%	93%	92%	90%	90%	89%	89%	88%	90%	90%	88%	90%
African-American	5%	5%	5%	5%	6%	6%	6%	5%	5%	5%	5%	7%	6%
Hispanic	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	<1%
Latino	<1%	0%	0%	0%	0%	0%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Asian	1%	<1%	1%	1%	1%	1%	<1%	<1%	1%	<1%	<1%	1%	1%
Native American	<1%	0%	0%	0%	<1%	<1%	1%	1%	<1%	<1%	0%	0%	0%
Mixed Race	0%	1%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%
Other/Not Sure/Ref	1%	1%	<1%	1%	1%	1%	2%	2%	3%	3%	2%	2%	2%

Q16: Which of the following categories best describes your religious affiliation? Are you (READ LIST)?

1. Catholic
2. Protestant
3. Jewish
4. Muslim
5. Hindu
6. Other Religion (Including agnostic)
7. or Atheist
8. Not Sure (Volunteered)
9. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Catholic	35%	35%	33%	33%	31%	33%	34%	32%	32%	30%	30%	31%	33%
Protestant	46%	48%	49%	49%	52%	50%	48%	47%	48%	51%	52%	53%	51%
Jewish	1%	1%	3%	3%	4%	4%	3%	3%	3%	2%	3%	2%	2%
Muslim	0%	0%	0%	0%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Hindu	0%	0%	0%	0%	0%	<1%	1%	1%	1%	<1%	0%	<1%	<1%
Other Religion	10%	8%	8%	7%	6%	6%	8%	9%	9%	9%	8%	7%	7%
Atheist	1%	1%	1%	1%	1%	2%	2%	3%	3%	3%	3%	2%	2%
Not Sure/Refused	8%	7%	6%	7%	4%	5%	5%	5%	5%	5%	5%	4%	5%

Q17: What is your current marital status? Are you (READ LIST)?

1. Single
2. Married
3. Separated
4. Divorced
5. Widowed
6. Partnered
7. Not sure (Volunteered)
8. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Single	14%	13%	14%	13%	12%	12%	12%	13%	13%	12%	12%	12%	11%
Married	65%	66%	64%	64%	65%	65%	67%	67%	68%	68%	68%	68%	68%
Separated	2%	2%	2%	2%	1%	1%	1%	1%	1%	<1%	1%	1%	1%
Divorced	4%	4%	4%	4%	4%	4%	5%	5%	5%	5%	5%	5%	6%
Widowed	13%	14%	15%	16%	16%	16%	14%	12%	11%	12%	11%	12%	12%
Partnered	<1%	<1%	1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Other/Not Sure	1%	2%	1%	1%	1%	1%	1%	1%	2%	2%	2%	2%	2%

Q18: What is your highest level of education? (READ LIST)

1. Less than High School
2. High School Graduate
3. Some college or technical school
4. College graduate (4 yr only)
5. Graduate or professional degree
6. Not sure (Volunteered)
7. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Less than High School	1%	1%	1%	1%	1%	1%	1%	1%	2%	1%	2%	2%	3%
High School Graduate	30%	29%	30%	31%	32%	31%	28%	25%	26%	23%	29%	32%	33%
Some College or Technical School	25%	25%	26%	27%	26%	25%	26%	24%	24%	27%	24%	23%	24%
College Graduate (4 year only)	24%	27%	26%	22%	23%	23%	23%	26%	26%	27%	26%	24%	24%
Graduate or Professional Degree	19%	18%	17%	17%	17%	18%	21%	21%	20%	19%	18%	17%	16%
Other/Not Sure	1%	1%	1%	1%	1%	1%	1%	2%	2%	2%	2%	2%	2%

Q19: What county do you currently reside in? (Asked in open ended format/Coded into Regions)

- Southeast (Philadelphia and surrounding counties)
- Southwest (Pittsburgh and surrounding counties)
- Remaining Areas

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Southeast (Philadelphia, etc)	30%	30%	30%	32%	31%	32%	30%	32%	32%	32%	31%	32%	32%
Southwest (Pittsburgh, etc)	19%	19%	19%	19%	19%	18%	19%	20%	19%	20%	19%	20%	19%
Remaining Areas	50%	51%	52%	49%	50%	50%	51%	48%	48%	47%	50%	49%	49%

Q20: In which of the following categories does your current age fall? (READ LIST)

1. 18-39
2. 40-64
3. 65 and older
4. Not sure (Volunteered)
5. . Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
18-39	10%	10%	11%	11%	12%	11%	12%	11%	12%	12%	13%	11%	11%
40-64	47%	48%	45%	44%	45%	47%	50%	48%	48%	50%	50%	52%	52%
65 and Older	39%	40%	42%	42%	40%	39%	36%	38%	37%	37%	36%	35%	35%
Not Sure/Refused	4%	3%	2%	3%	3%	3%	3%	2%	2%	2%	1%	1%	2%

Q21: Which of the following categories best describes your family income? Is it (READ LIST)?

1. Under \$20,000
2. \$20,000-\$40,000
3. \$40,000-\$60,000
4. \$60,000-\$80,000
5. \$80,000-\$100,000
6. Over \$100,000
7. Not Sure (Volunteered)
8. Refused (Volunteered)

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Under \$20,000	12%	13%	12%	11%	11%	9%	8%	7%	7%	8%	9%	10%	10%
\$20,000-40,000	17%	16%	17%	17%	18%	18%	17%	18%	16%	14%	14%	13%	15%
\$40,000-60,000	15%	14%	14%	13%	14%	14%	15%	15%	16%	17%	17%	17%	18%
\$60,000-80,000	9%	9%	9%	7%	8%	8%	9%	10%	11%	11%	11%	12%	10%
\$80,000-100,000	5%	6%	6%	8%	8%	8%	9%	8%	8%	9%	8%	6%	6%
Over \$100,000	11%	10%	10%	11%	12%	13%	15%	14%	14%	14%	13%	13%	10%
Not Sure/Refused	32%	33%	32%	32%	30%	31%	28%	29%	28%	27%	28%	28%	32%

Q22: Thank you for your help with the survey. We appreciate your time.
(Respondent gendered assigned through voice recognition)

1. Male
2. Female

	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1
Male	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%
Female	52%	52%	52%	52%	52%	52%	52%	52%	52%	52%	50%	52%	52%

SENATE CROSSTABS

	Joe Sestak			Pat Toomey			Neither/Other/Not Sure		
	10/30	10/31	11/1	10/30	10/31	11/1	10/30	10/31	11/1
18-39	41%	40%	44%	40%	47%	43%	19%	13%	12%
40-64	43%	43%	43%	44%	45%	48%	13%	12%	9%
65 and older	44%	46%	45%	48%	44%	49%	8%	10%	7%
Democrat	72%	70%	72%	15%	18%	19%	13%	11%	8%
Republican	14%	14%	13%	77%	76%	79%	10%	10%	8%
Independent	35%	35%	41%	41%	41%	41%	24%	24%	19%
Male	42%	41%	42%	46%	47%	49%	13%	12%	9%
Female	43%	45%	46%	44%	44%	46%	13%	11%	8%
College Educated	45%	48%	47%	45%	44%	46%	10%	8%	7%
Not College Educated	42%	41%	43%	45%	46%	48%	13%	13%	9%
Approve of Obama	77%	81%	82%	13%	10%	12%	10%	8%	6%
Disapprove of Obama	13%	10%	12%	74%	76%	78%	13%	13%	11%
Definitely Voting (Lower Turnout Model)	43%	44%	44%	47%	46%	48%	10%	12%	8%
Definitely and Very Likely (Higher Turnout Model)	43%	43%	44%	45%	45%	48%	12%	11%	9%