

Supplementary Documentation for the RAND Midterm 2014 Election Panel: Week Two, Blog Post on Children's Sports

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Introduction

The RAND Corporation surveyed members of the American Life Panel (ALP) for five weeks leading up to the midterm elections in November 2014. The ALP is a nationally representative sample of more than 5,000 individuals age 18 and over (see www.rand.org/labor/alp.html). These RAND 2014 Midterm Election surveys ask ALP participants a range of questions, including their voting intentions, as well as their beliefs and opinions about a number of important current policy issues. For detailed information about the methodology of the RAND Midterm 2014 Election Panel, please refer to www.rand.org/pubs/research_reports/RR854.html. A series of RAND Blog posts examining the results of each these surveys are posted at www.rand.org/labor/alp/2014-midterm-election-opinion.html.

This document presents the questionnaire items and supplementary descriptive tables relating to the Nov. 4, 2014, RAND Blog post titled “Adults Are Concerned About Sons Playing Football, Especially the More Highly Educated and Obama 2012 Voters,” available at <http://www.rand.org/blog/2014/11/adults-are-concerned-about-sons-playing-football-especially.html>

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Survey Questionnaire, Week Two

The following are selected questions from week two of the RAND Midterm 2014 Election Panel, which was conducted from 12:01 a.m., October 5, to 11:59 p.m., October 11, and included 2,752 adults.

Text in brackets are shown only for relevant states. Political parties and order of house and senate (where applicable) are randomized.

1. Thinking back to the last Presidential election in 2012, who did you vote for?

- Barack Obama
- Mitt Romney
- Someone else
- I didn't vote

2. There will be a general election in your state in November, including an election for the member of the US House of Representatives from your district [and the U.S. Senator from your state], plus other state and local offices. [There will also be an additional special Senate election in your state to fill a vacated position.]

What is the percent chance that you will vote for the following offices in the upcoming election?

The percent chance can be thought of as the number of chances out of 100. You can use any number between 0 and 100. For example, numbers like 2 and 5 percent may be 'almost no chance', 20 percent or so may mean 'not much chance', a 45 or 55 percent chance may be a 'pretty even chance', 80 percent or so may mean a 'very good chance', and 95 or 98 percent chance may be 'almost certain'.

	Democrat	Republican	Someone else	Total
House	____%	____%	____%	calculated
[Senate	____%	____%	____%	calculated]
[Senate (Special)	____%	____%	____%	calculated]

3. Here's a list of sports that children often play in organized leagues or at school. Given what you know about safety in each of these sports, please indicate if you would feel comfortable allowing any of your children to participate in that sport, or not. If you do not have children, or your children have grown up, respond as though you had school-age sons and daughters.

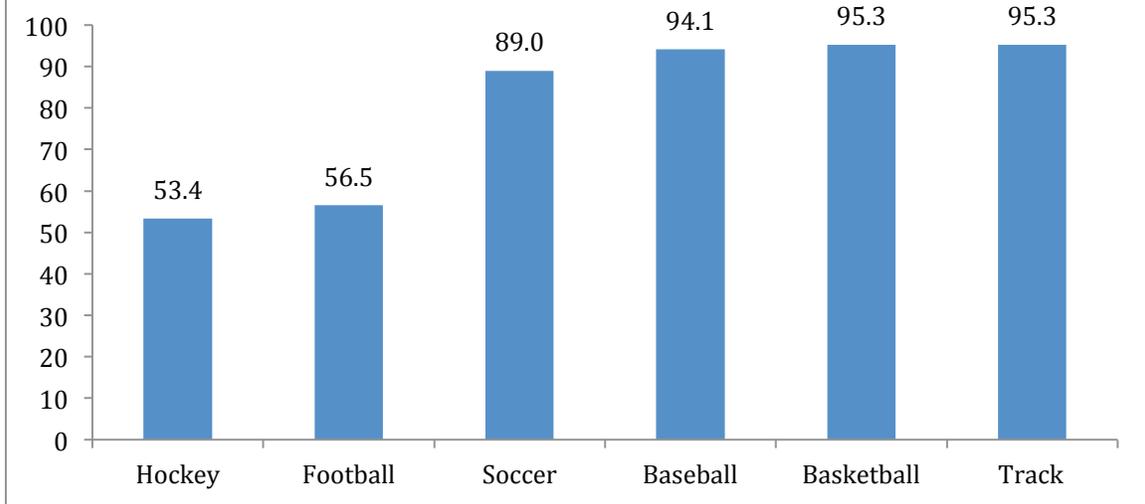
	Would Feel Comfortable	Would Not Feel Comfortable	Don't Know
Baseball / Softball			
Basketball			
Cheerleading			
Field Hockey			
Football			
Gymnastics			
Ice Hockey			
Soccer			
Softball			
Track and Field			

Survey Results Data

This section presents the data from responses to question 3 (above); an analysis of these results was presented on the RAND Blog at <http://www.rand.org/blog/2014/11/adults-are-concerned-about-sons-playing-football-especially.html>.

As with all surveys, there is a margin of error associated with each of our results. We report the margin of error as 1.96 times the standard error, which is the margin of error that corresponds to a 95 percent confidence interval. This means that, if the survey were repeated multiple times, and the 95 percent confidence interval was calculated in each case, the true estimate would be within the 95 percent confidence interval in about 95 percent of the repeated surveys. The margin of error is a function of the sample size, with larger sample sizes leading to a smaller margin of error and therefore a more precise estimate. For example, results from our first survey indicate a margin of error of +/- 1.5% for estimates that respondents will vote for a Democrat or Republican in the upcoming House of Representatives election, but +/- 2.2% for the Senate election; the difference in the margin of error for these two results is driven by the fact that approximately half our respondents live in states that will hold a Senate election this year.

Percent Comfortable With Sons Participating



Proportion "Comfortable" with Son Playing Each Sport (by 2012 vote)

	Proportion	Std. Err.	[95% Conf.	Interval]
Baseball				
Other	0.935	0.033	0.871	1.000
Obama	0.943	0.009	0.925	0.960
Romney	0.964	0.009	0.946	0.981
Basketball				
Other	0.945	0.030	0.885	1.004
Obama	0.955	0.008	0.939	0.970
Romney	0.967	0.009	0.949	0.985
Cheerleading				
Other	0.547	0.063	0.424	0.670
Obama	0.596	0.020	0.557	0.635
Romney	0.631	0.024	0.585	0.678
Field Hockey				
Other	0.730	0.049	0.634	0.827
Obama	0.677	0.017	0.643	0.710
Romney	0.674	0.025	0.624	0.723
Football				
Other	0.506	0.062	0.384	0.628
Obama	0.489	0.020	0.450	0.529
Romney	0.634	0.023	0.588	0.680
Gymnastics				
Other	0.716	0.062	0.594	0.837
Obama	0.738	0.017	0.704	0.771
Romney	0.784	0.019	0.747	0.821
Hockey				
Other	0.589	0.058	0.474	0.703
Obama	0.500	0.020	0.460	0.539
Romney	0.598	0.026	0.547	0.649
Soccer				
Other	0.941	0.020	0.902	0.979
Obama	0.892	0.010	0.871	0.912
Romney	0.898	0.014	0.870	0.925
Track & Field				
Other	0.982	0.010	0.962	1.003
Obama	0.950	0.008	0.933	0.966
Romney	0.973	0.008	0.957	0.989

**Proportion 'Comfortable' with Son Playing Each Sport, by Education
(college degree or higher vs. less than college degree)**

	Proportion	Std. Err.	[95% Conf.	Interval]
Baseball				
Less than a college degree	0.921	0.010	0.902	0.940
College degree or higher	0.971	0.005	0.960	0.982
Basketball				
Less than a college degree	0.932	0.009	0.915	0.949
College degree or higher	0.981	0.004	0.974	0.989
Cheerleading				
Less than a college degree	0.561	0.019	0.523	0.599
College degree or higher	0.643	0.017	0.611	0.676
Field Hockey				
Less than a college degree	0.639	0.019	0.603	0.675
College degree or higher	0.701	0.016	0.669	0.733
Football				
Less than a college degree	0.622	0.018	0.587	0.657
College degree or higher	0.440	0.018	0.405	0.475
Gymnastics				
Less than a college degree	0.714	0.017	0.680	0.747
College degree or higher	0.760	0.015	0.730	0.791
Hockey				
Less than a college degree	0.541	0.019	0.503	0.579
College degree or higher	0.519	0.018	0.484	0.553
Soccer				
Less than a college degree	0.869	0.011	0.847	0.891
College degree or higher	0.925	0.009	0.907	0.942
Track & Field				
Less than a college degree	0.930	0.009	0.912	0.947
College degree or higher	0.987	0.003	0.982	0.993

Education by 2012 Vote (and confidence interval)

	Romney	Obama	Other
Less Than College	.6517 (.6079, .6929)	.6681 (.6363, .6984)	.7667 (.674, .8393)
College+	.3483 (.3071, .3921)	.3319 (.3016, .3637)	.2333 (.1607, .3260)

**Proportion 'Comfortable' with Child Playing Each Sport
(by education and vote)**

	Romney	Obama	Other	No Vote
Baseball				
No Degree	.9553 (.9226, .9745)	.9227 (.8904, .946)	.9209 (.7902, .973)	0.8530 (.7908, .9152)
Degree	.9785 (.953, .9903)	.969 (.9519, .9801)	.9866 (.9095, .9982)	0.9337 (.8706, .9969)
Basketball				
No Degree	.9548 (.9177, .9756)	.942 (.9151, .9607)	.934 (.8053, .9798)	0.8759 (.8231, .9287)
Degree	.9892 (.9766, .995)	.9783 (.9647, .9867)	.9826 (.885, .9976)	0.9558 (.9095, 1.0021)
Cheerleading				
No Degree	.6499 (.5839, .7107)	.5502 (.4959, .6033)	.5397 (.3891, .6834)	0.4535 (.3604, .5466)
Degree	.5974 (.539, .6532)	.6842 (.6415, .7241)	.5833 (.4093, .7387)	0.6374 (.5068, .7681)
Field Hockey				
No Degree	.6444 (.5712, .7114)	.6661 (.6181, .711)	.7889 (.6645, .8758)	0.5474 (.4550, .6399)
Degree	.7289 (.6733, .7781)	.7019 (.66, .7407)	.5594 (.3798, .7246)	0.6139 (.4675, .7603)
Football				
No Degree	.6542 (.5891, .714)	.5811 (.5289, .6316)	.5825 (.4375, .7146)	0.6821 (.6040, .7602)
Degree	.5961 (.5391, .6507)	.3207 (.2787, .3658)	.2883 (.1677, .4488)	0.5132 (.3680, .6585)
Gymnastics				
No Degree	.7859 (.7318, .8317)	.7274 (.6792, .7708)	.6689 (.5066, .799)	0.5931 (.5016, .6847)
Degree	.7814 (.7282, .8266)	.7605 (.7183, .7982)	.8868 (.7656, .9495)	0.5823 (.4382, .7263)
Hockey				
No Degree	.5732 (.4997, .6436)	.5383 (.4853, .5904)	.6495 (.511, .7668)	0.4808 (.3875, .5742)
Degree	.6435 (.5867, .6965)	.4294 (.385, .475)	.4141 (.2579, .5897)	0.5357 (.3902, .6812)
Soccer				
No Degree	.8724 (.8274, .9071)	.882 (.8506, .9075)	.9478 (.8791, .9784)	0.8211 (.7611, .8812)
Degree	.943 (.9066, .9657)	.9139 (.8894, .9334)	.9243 (.8318, .9679)	0.9031 (.7975, 1.0088)
Track & Field				
No Degree	.9611 (.9277, .9793)	.9333 (.9048, .9538)	.9836 (.9282, .9964)	0.8644 (.8094, .9193)
Degree	.9946 (.9868, .9978)	.9838 (.9719, .9907)	.9796 (.9157, .9953)	0.9730 (.9339, 1.0121)

**Proportion 'Comfortable' with Child Playing Each Sport
(by education and vote)**

	Proportion	Std. Err.	[95% Conf.	Interval]
Baseball				
Pacific	0.909	0.022	0.865	0.953
Mountain	0.983	0.007	0.968	0.998
WN Central	0.959	0.028	0.904	1.014
WS Central	0.892	0.022	0.850	0.935
EN Central	0.969	0.010	0.949	0.989
SE Central	0.961	0.019	0.924	0.998
New England	0.899	0.046	0.810	0.988
Mid Atlantic	0.964	0.010	0.944	0.984
South Atlantic	0.926	0.019	0.889	0.963
Basketball				
Pacific	0.940	0.016	0.909	0.971
Mountain	0.986	0.007	0.972	1.000
WN Central	0.935	0.030	0.876	0.994
WS Central	0.915	0.020	0.876	0.955
EN Central	0.973	0.010	0.954	0.992
SE Central	0.971	0.017	0.937	1.005
New England	0.948	0.041	0.868	1.028
Mid Atlantic	0.955	0.014	0.927	0.983
South Atlantic	0.932	0.018	0.895	0.968
Cheerleading				
Pacific	0.626	0.038	0.551	0.700
Mountain	0.514	0.047	0.421	0.607
WN Central	0.701	0.049	0.605	0.798
WS Central	0.524	0.034	0.457	0.591
EN Central	0.640	0.035	0.572	0.708
SE Central	0.634	0.074	0.489	0.779
New England	0.519	0.063	0.395	0.643
Mid Atlantic	0.538	0.040	0.459	0.617
South Atlantic	0.605	0.032	0.543	0.667

	Proportion	Std. Err.	[95% Conf.	Interval]
Field Hockey				
Pacific	0.671	0.039	0.594	0.748
Mountain	0.638	0.047	0.546	0.730
WN Central	0.592	0.056	0.483	0.702
WS Central	0.595	0.033	0.531	0.659
EN Central	0.733	0.030	0.673	0.792
SE Central	0.577	0.074	0.431	0.722
New England	0.649	0.059	0.533	0.765
Mid Atlantic	0.660	0.036	0.589	0.730
South Atlantic	0.690	0.030	0.632	0.748
Football				
Pacific	0.597	0.038	0.522	0.671
Mountain	0.591	0.044	0.504	0.678
WN Central	0.488	0.056	0.377	0.599
WS Central	0.630	0.032	0.568	0.693
EN Central	0.532	0.037	0.460	0.605
SE Central	0.575	0.067	0.443	0.707
New England	0.454	0.064	0.328	0.580
Mid Atlantic	0.563	0.038	0.488	0.637
South Atlantic	0.545	0.032	0.482	0.607
Gymnastics				
Pacific	0.709	0.034	0.643	0.775
Mountain	0.706	0.049	0.610	0.802
WN Central	0.767	0.046	0.676	0.858
WS Central	0.665	0.033	0.600	0.731
EN Central	0.774	0.028	0.718	0.829
SE Central	0.720	0.076	0.570	0.869
New England	0.733	0.053	0.630	0.837
Mid Atlantic	0.757	0.033	0.692	0.822
South Atlantic	0.744	0.027	0.691	0.798
Hockey				
Pacific	0.520	0.043	0.436	0.604
Mountain	0.524	0.047	0.431	0.617
WN Central	0.431	0.056	0.321	0.540
WS Central	0.483	0.034	0.416	0.549
EN Central	0.633	0.034	0.567	0.699
SE Central	0.480	0.072	0.339	0.620
New England	0.537	0.062	0.415	0.658
Mid Atlantic	0.550	0.039	0.473	0.627
South Atlantic	0.555	0.032	0.493	0.617

	Proportion	Std. Err.	[95% Conf.	Interval]
Soccer				
Pacific	0.919	0.015	0.890	0.947
Mountain	0.901	0.024	0.853	0.948
WN Central	0.833	0.043	0.750	0.917
WS Central	0.859	0.023	0.813	0.905
EN Central	0.881	0.023	0.836	0.926
SE Central	0.934	0.028	0.879	0.989
New England	0.843	0.049	0.748	0.939
Mid Atlantic	0.899	0.019	0.862	0.936
South Atlantic	0.874	0.021	0.833	0.915
Track & Field				
Pacific	0.950	0.015	0.921	0.978
Mountain	0.972	0.013	0.947	0.997
WN Central	0.935	0.033	0.870	1.000
WS Central	0.920	0.020	0.882	0.958
EN Central	0.974	0.011	0.953	0.996
SE Central	0.945	0.025	0.895	0.994
New England	0.933	0.042	0.852	1.015
Mid Atlantic	0.965	0.010	0.945	0.985
South Atlantic	0.926	0.019	0.888	0.964