

The Washington Post



Learning with Purpose

This Washington Post-UMass Lowell poll was conducted August 14-21, 2017, among a random national sample of 1,000 adults reached on cellular and landline phones. The margin of sampling error for overall results is plus or minus 3.7 percentage points. Sampling, data collection and tabulation was conducted by Princeton Survey Research Associates International (PSRAI) of Princeton, NJ.

[Include only for release on e-sports: A separate sample of 522 teens and young adults were interviewed in an online panel by National Opinion Research Center (NORC) of Chicago, IL from August 22 - September 8, 2017. Overall results have a margin of sampling error of plus or minus six percentage points.]

(Full methodological details appended at the end.)

Fans= Sports fans (Avid, Regular or Casual)
 Gamer= Play or watch online/competitive video games
 YA= Teens/young adults (NORC panel)

*= less than 0.5 percent

1. Taken all together, how would you say things are these days- would you say that you are very happy, pretty happy, or not too happy?

	Very happy	Pretty happy	Not too happy	No opinion
8/20/17 All	28	53	17	2
8/20/17 Fans	29	54	15	2
9/8/17 YA	24	63	14	0

2. Generally, would you say you have a lot of free time to do the things you want to do, some free time, not too much free time, or no free time at all?

	A lot	Some	Not too much	None at all	No opinion
8/20/17 All	20	41	28	10	1
8/20/17 Fans	20	42	29	9	*

3. What is your favorite sport to watch? (Football), (Baseball), (Basketball), (Soccer), (Auto racing), (Ice hockey), (Tennis), (Golf), or something else?

	8/20/17 All	8/20/17 Fans	8/26/12* All
Football	37	43	35
Basketball	11	12	9
Baseball	10	11	12
Soccer	8	8	9
Auto racing	4	4	6
Ice hockey	4	4	3
Tennis	2	2	2
Golf	2	2	1
Gymnastics (vol.)	2	2	2
UFC/MMA (vol.)	1	2	1
Boxing (vol.)	1	1	1
Swimming (vol.)	1	1	-
Volleyball (vol.)	*	*	2
Horse racing (vol.)	*	*	-

Something else	4	3	8
None/Don't watch sports (vol.)	12	3	3
No opinion	2	1	6

*Washington Post only

4. In general, would you describe yourself as an avid sports fan, a regular fan, a casual fan, or not a fan at all?

	----- Sports fan -----				Not a fan	No
	NET	Avid	Regular	Casual	at all	opinion
8/20/17	81	20	26	35	19	*
1/20/13*	76	20	21	35	23	*
1/6/13	76	20	19	37	24	*
10/16/11	75	19	19	37	25	*

*2013 and prior Washington Post

5. Do you consider yourself to be a fan of [INSERT ITEM], or not?*

8/20/17 - Summary among all adults*

	Yes	No	No opinion	Not a sports fan
a. Professional football	60	39	1	NA
b. Professional baseball	45	54	1	NA
c. Professional basketball	39	61	*	NA
d. Professional ice hockey	22	58	1	19
e. Professional soccer	24	57	*	19
f. Professional auto racing	24	56	*	19
g. Mixed martial arts	25	55	1	19
h. Professional boxing	28	53	*	19
i. e-sports or competitive video gaming	14	67	*	19
j. Wrestling, such as the WWE	14	67	1	19
k. College football	45	36	1	19
l. College basketball	35	46	*	19

*Items a-c asked of all adults. Items d-l asked of avid/regular/casual sports fans. Professional football asked first; other items asked in random order. Professional football fans asked follow up: Are you a big fan, or not so big?

8/20/17 - Summary Table among sports fans

	Yes	No	No opinion
a. Professional football	73	27	1
b. Professional baseball	53	46	1
c. Professional basketball	46	54	*
d. Professional ice hockey	27	72	1
e. Professional soccer	30	70	*
f. Professional auto racing	30	69	1
g. Mixed martial arts	31	67	1
h. Professional boxing	34	66	*
i. e-sports or competitive video gaming	17	83	1
j. Wrestling, such as the WWE	17	82	1
k. College football	55	44	1
l. College basketball	43	56	*

*Football asked first; other items asked in random order.

Trend:

a. Professional football

-----Fan-----

	NET	Big	Not so big	Not a fan	No opinion
8/20/17 All	60	31	29	39	1
8/20/17 Fans	73	38	35	27	1
9/8/17 YA	40	NA	NA	60	0
8/26/12*	60	33	27	40	*
6/3/12	44	28	15	56	1
1/29/08	50	30	20	50	0
7/11/04	57	NA	NA	43	0
1/19/98	66	41	25	34	0
6/26/94	69	46	23	31	0
6/23/94**	51	NA	NA	48	*

*"Fan of football"
**ABC News only

Compare to:

Gallup "Are you a fan of professional football, or not?"

	Fan	Somewhat fan (vol)	Not a fan	No opinion
12/22/12	63	4	32	*
12/18/11	48	6	46	0
1/28/09	43	5	51	1
12/16/07	54	6	40	*
12/11/05	50	9	41	*
12/8/04	58	6	36	*
1/25/03	50	9	41	*
3/28/01	54	9	37	*
3/11/01	48	14	38	*
1/16/01	44	14	42	*
8/27/00	42	12	46	*
3/7/99	47	9	44	0
1/24/99	51	10	39	1
1/18/98	45	11	43	1
1/26/94	50	NA	50	0

b. Professional baseball

		Yes	No	No opinion
8/20/17	All	45	54	1
8/20/17	Fans	53	46	1
7/11/04	All	44	56	0

c. Professional basketball

		Yes	No	No opinion
8/20/17	All	39	61	*
8/20/17	Fans	46	54	*
7/11/04	All	35	65	*

d. Professional ice hockey

		Yes	No	No opinion
8/20/17	Fans	27	72	1
7/11/04*	All	21	79	0

*2004 "professional hockey"

e. Professional soccer

		----- Fan -----			No opinion
		NET	Big	Not so big	Not a fan
8/20/17	Fans	30	NA	NA	70

*

6/1/14	All	28	10	18	71	1
7/14/94	All	23	9	14	75	2
6/26/94	All	31	9	23	68	*

No trend f-g.

h. Professional boxing

		Yes	No	No opinion
8/20/17	Fans	34	66	*

Compare to:

Washington Post "Do you follow boxing or prize fighting?"

	Yes	No	No opinion
3/29/81	26	73	*

		Yes	No	No opinion	
i. e-sports or competitive video gaming					
8/20/17	Fans		17	83	1
9/8/17	YA		38	62	0

No trend i-l

6. (AMONG PROFESSIONAL FOOTBALL FANS) In the past few years, would you say your interest in professional football has increased, decreased, or stayed about the same?

	Increased	Decreased	Stayed about the same	No opinion
8/20/17	23	19	58	*
6/3/12*	26	13	61	0
1/19/98	33	15	52	0

*6/3/12 and earlier: "Would you say your interest in professional football has increased, decreased or stayed about the same over the past five or so years?"

7. (AMONG THOSE WHOSE INTEREST IN FOOTBALL DECREASED) What's the biggest reason you have become less interested in professional football? (Open-ended)

	8/20/17
NET Politics getting involved	
Player protesting national anthem/Colin Kaepernick	24
Too much politics/political issues	17
Too many penalties/Delays in game	7
Not as interested in sports	10
Don't have time/too busy	9
Too violent/Too many injuries	8
Low quality of play	7
Games are boring	5
Cheating by teams/athletes	5
Dislike players	4
Likes other sports more	2
Too much advertising	1
Too expensive to watch games	1
Other	2
No opinion	19
	3

8. (AMONG SPORTS FANS) When sports you enjoy were in season over the past 12 months, did you [ITEM], or not?

8/20/17 - Summary Table among sports fans

	Yes	No	No opinion
a. Watch games or highlights on your cell phone	35	65	*
b. Check game scores online or on your cell phone	51	49	0
c. Follow athletes on social media such as Facebook or Twitter	28	72	*
d. Watch games or highlights on television	86	14	0
e. Attend a professional sporting event	43	57	*

Trend:

a. No trend.

b. Check game scores online or on your cell phone

	Yes	No	No opinion
8/20/17 Fans	51	49	0

Compare to:

Pew Research Center (AMONG THOSE WHO USE CELL PHONE FOR MORE THAN JUST HAVE A PHONE CALL/HAVE A TABLET) "Do you ever use your cell phone or tablet computer to check local sports scores or get local sports updates?"

	Yes	No	No opinion
1/25/11	35	65	0

c-e. No trend.

9. (AMONG SPORTS FANS) Overall, do you think professional football, basketball, or baseball players [ITEM]?

8/20/17 - Summary Table among sports fans

	Football players	Basketball players	Baseball players	(Vol.) All equally	(Vol.) None of these	No op.
a. Have the most athletic ability	39	21	8	20	7	5
b. Have the most interesting personal lives	26	16	8	13	19	18
c. Are the most in tune with popular culture	24	20	8	17	12	19
d. Are easiest to relate to personally	21	12	21	10	24	12
e. Are the best role models for children	10	10	28	18	25	9

10. At what age do you think it is appropriate to introduce tackling into football?

	Under age 10	Between 10-13	Between 14-17	Age 18 or older	Never	(Vol.) Any age	No opinion
8/20/17 All	12	30	30	12	8	2	6
8/20/17 Fans	13	31	32	11	6	2	5

Compare to:

UMass Lowell conducted with YouGov online panel: At what age do you think it is appropriate to introduce tackling into football?

	At all ages	10 years and up	14 and up	18 and up	Never
6/6/16	9	13	35	23	20

11. (AMONG PROFESSIONAL FOOTBALL FANS) Is [ITEM] a major reason, minor reason or not a reason you watch professional football?

8/20/17 - Summary Table among professional football fans

	-----Reason-----			Not a reason	No opinion
	NET	Major	Minor		
a. Taking a break from everyday life	64	31	33	34	2
b. Enjoying time with friends	80	53	27	20	*
c. To keep up with fantasy football	24	12	11	74	2
d. The action of the game	87	68	19	12	1
e. Rooting for your favorite team	88	71	17	11	1
f. The tradition	70	43	27	29	2
g. Hard hits and tackles	55	26	29	43	2
h. Rooting for your favorite players	76	51	25	23	2

12. (AMONG PROFESSIONAL FOOTBALL FANS WHO NAMED MORE THAN ONE MAJOR REASON) Which of these is the biggest reason who watch professional football?

	8/20/17
Rooting for your favorite team	30
Enjoying time with friends	23
The action of the game	20
The tradition	10
Taking a break from everyday life	5
Hard hits and tackles	4
Rooting for your favorite players	3
To keep up with fantasy football	2
No opinion	2

13. (AMONG SPORTS FANS) How big of a problem, if at all, is each of the following in the National Football League or NFL? [INSERT ITEM], is this a major problem, a minor problem, or not a problem?

8/20/17 - Summary Table among sports fans

	-----Problem-----			Not a problem	No opinion
	NET	Major	Minor		
a. Injuries caused by hits and tackling	83	59	24	12	5
b. Head injuries causing long-term health problems for players	90	76	14	6	4
c. Players speaking out on political issues such as Colin Kaepernick's national anthem protest	64	36	28	27	9
d. The number of TV commercials during games	63	31	32	33	4
e. Low quality of play	59	22	36	30	11
f. Violent crime committed by players	83	60	23	9	8
g. Domestic violence committed					

by players	84	61	23	9	7
h. The number of penalties referees call during games	58	20	37	33	9
i. Players being paid too much	65	40	25	31	4

Items a, c-i asked of half sample.

14. For the following statements, please indicate, to the best of your own knowledge whether they are certainly true, probably true, probably false or certainly false.

8/20/17 - Summary Table among adults overall

	-----True-----			-----False-----			No op.
	NET	Cert	Prob	NET	Prob	Cert	
a. There is a settled science that playing football causes brain injuries	83	45	37	11	7	3	6
b. Heading the ball in soccer is safe for children before they reach high school	44	18	27	44	24	20	12
c. Repeated brain trauma that results in Chronic Traumatic Encephalopathy, or CTE, is a serious public health issue	80	52	28	10	7	3	10
d. Tackle football is a safe activity for children before they reach high school	41	16	26	53	23	30	6
e. Tackle football is a safe activity for children during high school	57	22	35	37	21	16	6

Trend:

a. There is a settled science that playing football causes brain injuries

	-----True-----			-----False-----			No op.
	NET	Certainly	Probably	NET	Probably	Certainly	
8/20/17 All	83	45	37	11	7	3	6
8/20/17 Fans	84	45	39	11	8	3	6
6/6/16* All	83	32	51	17	15	2	NA

*UMass Lowell conducted with YouGov online panel

b. Heading the ball in soccer is safe for children before they reach high school

	-----True-----			-----False-----			No op.
	NET	Certainly	Probably	NET	Probably	Certainly	
8/20/17 All	44	18	27	44	24	20	12
8/20/17 Fans	46	19	27	43	24	19	11
6/6/16* All	40	6	34	60	46	14	NA

*UMass Lowell conducted with YouGov online panel

c. Repeated brain trauma that results in Chronic Traumatic Encephalopathy, or CTE, is a serious public health issue

	-----True-----			-----False-----			No op.
	NET	Certainly	Probably	NET	Probably	Certainly	
8/20/17 All	80	52	28	10	7	3	10
8/20/17 Fans	81	53	28	10	7	3	9
6/6/16* All	87	36	51	13	10	3	NA

*UMass Lowell conducted with YouGov online panel

d. Tackle football is a safe activity for children before they reach high school

	-----True-----			-----False-----			No
--	----------------	--	--	-----------------	--	--	----

	NET	Certainly	Probably	NET	Probably	Certainly	op.
8/20/17 All	41	16	26	53	23	30	6
8/20/17 Fans	44	17	27	51	23	28	5
6/6/16* All	37	6	31	63	40	23	NA

*UMass Lowell conducted with YouGov online panel

e. Tackle football is a safe activity for children during high school

	-----True-----			-----False-----			No
	NET	Certainly	Probably	NET	Probably	Certainly	op.
8/20/17 All	57	22	35	37	21	16	6
8/20/17 Fans	61	23	37	35	20	14	5
6/6/16* All	52	7	45	48	32	16	NA

*UMass Lowell conducted with YouGov online panel

15. Have you or someone in your immediate family ever experienced a concussion as a result of playing any sports, or not? (IF YES) Was that you, someone else in your family, or both?

	-----Yes-----				No	
	NET	Self	Family member	Both	No	opinion
8/20/17 All	35	13	15	6	64	1
8/20/17 Fans	39	15	17	7	60	1

16. Do you think the National Football League, or NFL, is doing (too little), (too much), or is doing about the right amount to prevent concussions and head injuries among NFL players?

	Too little	Too much	About the right amount	No opinion
8/20/17 All	45	5	40	11
8/20/17 Fans	45	4	42	8
1/11* All	34	7	57	2

*Associated Press/Knowledge Networks

On another subject...

17. (AMONG SPORTS FANS) In the past five years, have you bet on a professional sports event such as baseball, basketball or football or not?

	Yes	No	No opinion
8/20/17 Fans	21	79	1

18. (IF BET ON SPORTS IN PAST FIVE YEARS) Did better on a sports game make it (more interesting) to watch, (less interesting), or did it not make a difference?

	More interesting	Less interesting	No opinion
8/20/17	73	1	26

19. Overall, do you approve or disapprove of making betting on professional sporting events legal?

	Approve	Disapprove	No opinion
8/20/17 All	55	33	12
8/20/17 Fans	57	30	13
9/15/93* All	41	56	3

*Gallup/CNN/USA Today: "(Do you approve or disapprove of making it legal to do each of the following types of gambling?)... Betting on professional sports events"

20. (AMONG SPORTS FANS) In the past five years, have you participated in a fantasy sports league, or not?

	Yes	No	No opinion
8/20/17 Fans	16	83	2

21. (AMONG THOSE WHO PLAYED IN FANTASY LEAGUE) In what sport did you play a fantasy league?)

	NFL Football	NBA Basketball	Major League Baseball	NHL Hockey	Other	No opinion
8/20/17*	80	12	9	6	9	0

*Multiple responses accepted; results add to greater than 100 percent

No question 22.

23. (AMONG THOSE WHO PLAYED IN FANTASY LEAGUE) And in the past five years, have you played in daily fantasy leagues, such as Draft Kings or Fan Duel, or not?

	Yes	No	No opinion
8/20/17	23	77	1

20/23 Net table:

	-----Yes, play fantasy-----					
	NET	Yes, Draft Kings/ Fan Duel	No Draft Kings/ Fan Duel	No op.	No, don't play	No opinion
8/20/17 Fans	16	4	12	*	83	2

24. (AMONG THOSE WHO PLAYED IN FANTASY LEAGUE) Did you watch more games in a specific sport when you were in a fantasy league for that sport, watch fewer games, or did you watch about the same number of games regardless of whether you were in a fantasy league?

	More games	Fewer games	About same	No opinion
8/20/17	51	3	44	2

25. (AMONG SPORTS FANS) How often do you find yourself yelling at the television when you are watching your favorite sport or team?

	--Most the time or more--				Hardly ever or less--			
	NET	All the time	Most the time	Only sometimes	NET	Hardly ever	Never	No opinion
8/20/17 Fans	35	19	16	25	40	21	19	1
1/31/16* Fans	29	18	11	34	38	19	19	*

*CBS News; sports fans defined using different question.

26. Do you think that college football and basketball players deserve to be paid in addition to receiving scholarships based on how much money they generate for universities, or do you think scholarships are adequate compensation?

	Compensate based on revenue generated	Scholarships are adequate compensation	No opinion
8/20/17 All	38	52	10
8/20/17 Fans	41	50	8

Questions 27A-Q27C each asked of random 1/3 of sample:

27A. (Third of sample) Do you think college athletes should or should not be paid when their name or image is used in video games or to sell merchandise?

	Should be paid	Should not be paid	No opinion
8/20/17 All	66	24	10
8/20/17 Fans	69	22	9

27B. (Third of sample) Do you think college athletes who are on full-ride academic scholarships should or should not be paid when their name or image is used in video games or to sell merchandise?

	Should be paid	Should not be paid	No opinion
8/20/17 All	66	29	5
8/20/17 Fans	67	28	5

27C. (Third of sample) Do you think college athletes who are on full-ride sports scholarships should or should not be paid when their name or image is used in video games or to sell merchandise?

	Should be paid	Should not be paid	No opinion
8/20/17 All	66	25	9
8/20/17 Fans	67	25	8

Combined table 27A-C:

	Should be paid	Should not be paid	No opinion
8/20/17 All	66	26	8
8/20/17 Fans	68	25	7

[Section below incomplete until finalization of e-sports teen/young adult survey]
On a different subject...

28. In the past 12 months, have you either played an online video game with multiple players or participated in a video game competition, or not?

	Yes	No	No opinion
8/20/17 All	18	81	1
8/20/17 Fans	19	80	1
9/8/17 YA	59	40	*

29. In the past 12 months, have you watched live or recorded video of people playing video games on Twitch, YouTube or another platform, or not?

	Yes	No	No opinion
8/20/17 Adults	16	82	1
8/20/17 Fans	18	81	1
8/20/17 Gamer	52	46	2
9/8/17 YA	58	41	*

Q28/Q29 NET Table

	Adults	YA
Gamers	25	73
Played and watched games	9	45
Played games only	9	15
Watched games only	7	14
Neither played nor watched	75	27

31. (AMONG GAMERS) How often do you typically play video games?

	-Almost every day/more-	A few	About	Once	Less	No		
	Every	Almost	times	About	Once	Less		
	NET	day	every day	a week	once a week	a month	op.	
8/20/17 Adults	31	20	11	24	18	10	16	1
9/8/17 YA	47	25	22	19	14	10	10	0

NET 28/31

	-----	Play games	-----	No	Not	No
	NET	Every	Almost	Less	op.	Not
		day	every day	op.	gamer	op.
8/20/17 Adults	18	4	2	12	1	81
9/8/17 YA	58	15	13	31	0	41

32. (AMONG GAMERS WHO PLAY ALMOST EVERY DAY OR EVERY DAY) On a typical day, how many hours do you play video games?

	<1 hour	1-2 hours	3-4 hours	5 hours+	No opinion
9/8/17 YA	5	36	39	19	0

33. (AMONG VIDEO GAME WATCHERS) How often do you typically watch live or recorded video of people playing video games?

	-Almost every day/more-	A few	About	Once	Less than	No		
	Every	Almost	times	once	a	Less than		
	NET	day	every day	a week	a week	month	a month	opinion
8/20/17 Adults	17	9	9	16	14	13	38	1
9/8/17 YA	25	13	12	25	16	17	17	0

35. (AMONG VIDEO GAME PLAYERS/WATCHERS) Is each of the following a major reason, minor reason, or not a reason you play/watch/play and watch video games?

8/20/17 - Summary Table among adult players or watchers

	Major	Minor	Not a	No
	reason	reason	reason	opinion
a. Taking a break from everyday life	47	29	22	1
b. Enjoying the competition	51	26	20	4
c. Enjoying time with friends	55	24	19	2
d. The challenge of the game	56	26	17	2
e. Improving your gaming skills	34	25	38	2
f. Appreciating the visual arts within games	46	30	22	2
g. For entertainment and fun	74	12	11	2
h. (AMONG GAMERS) The chance to win				

money or championships	17	29	52	2
i. (AMONG GAMERS) Working together with teammates to win	46	26	25	2

9/8/17 - Summary Table among teens/young adult players and watchers

	Major reason	Minor reason	Not a reason	No opinion
a. Taking a break from everyday life	41	36	22	*
b. Enjoying the competition	36	41	22	*
c. Enjoying time with friends	54	26	20	*
d. The challenge of the game	38	41	21	*
e. Improving your gaming skills	38	35	27	*
f. Appreciating the visual arts within games	37	40	22	1
g. For entertainment and fun	80	14	5	1
h. (AMONG GAMERS) The chance to win money or championships	14	21	63	2
i. (AMONG GAMERS) Working together with teammates to win	34	41	24	1

36. (AMONG GAMERS) Which online competitive video game do you play the most?

	8/20/17 Adults	9/8/17 YA
Call of Duty/Black Ops	12	24
Grand Theft Auto	6	17
Overwatch	5	7
Battlefield One	5	7
Minecraft	1	5
League of Legends	7	4
FIFA	5	4
Super Smash Bros	2	4
Battlegrounds	2	3
World of Warcraft	2	3
Counter Strike	1	2
Destiny	2	1
NBA 2K	2	1
Hearthstone	1	1
Rainbow Six	1	1
Rocket League	1	1
MLB: The Show	*	1
Paladins	0	1
Halo	2	*
Madden NFL	2	*
Mario Kart	2	*
Dota	1	*
Street Fighter	1	*
Gears of War	2	0
Mortal Kombat	1	0
Other	25	12
No opinion	6	1

38. (AMONG VIDEO GAME WATCHERS) Do you have a favorite e-sports team or player in competitive video gaming, or not?

	Yes	No	No opinion
8/20/17 Adults	20	80	*
9/8/17 YA	24	76	0

39. (AMONG VIDEO GAME WATCHERS) If you had a free hour of time, would you prefer spending it watching a (live e-sports competition) or a (live sporting event such as football or the Olympics)?

	Watch a live e-sports competition	Watch a pro sports game	No opinion
8/20/17 Adults	15	78	8
9/8/17 YA	35	65	*

40. (AMONG VIDEO GAME PLAYERS/WATCHERS) Do you play/watch/play and watch competitive online video games with friends you first met offline, or not?

	Yes	No	No opinion
8/20/17 Adults	33	65	2
9/8/17 YA	52	48	0

41. (AMONG VIDEO GAME PLAYERS/WATCHERS) Have you become friends with anyone you met playing/watching/playing or watching) competitive online video games?

	Yes	No	No opinion
8/20/17 Adults	32	67	1
9/8/17 YA	45	55	0

42. (AMONG GAMERS, VIDEO GAME WATCHERS AND FANS) Do you think there is or is not an unwritten code of sportsmanship among competitive online gaming?

	Yes, there is an unwritten code	No, there is not an unwritten code	No opinion
8/20/17 Adults	57	29	14
9/8/17 YA	63	37	*

43. In the online video gaming community, do you think women are treated with (more respect) than men, (less respect) than men, or are men and women respected about equally?

	More respect than men	Less respect than men	Respected about equally	No opinion
8/20/17 Adults	4	32	27	37
8/20/17 Gamers	8	42	39	11
9/8/17 YA	5	53	42	*

*** END ***

METHODOLOGICAL DETAILS

This poll was jointly sponsored and funded by The Washington Post and the University of Massachusetts-Lowell. The phone poll is a random sample of adults in the United States, with interviews in English and Spanish.

This questionnaire was administered with the exact questions in the exact order as they appear in this document. Demographic questions are not shown. If a question was asked of a reduced base of the sample, a parenthetical preceding the question identifies the group asked. Phrases surrounded by parentheticals within questions indicate clauses that were randomly rotated for respondents.

For the telephone sample, a dual frame landline and cell phone telephone sample was generated using Random Digit Dialing procedures by Survey Sampling International (SSI). Interviewers called landlines and cellular phone numbers, first requesting to

speak with the youngest adult male or female at home, on random rotation. The final sample included 344 interviews completed on landlines and 656 interviews completed via cellular phones, including 258 interviews with adults in cell phone-only households.

[EXCLUDE FOR ALL RELEASES EXCEPT E-SPORTS] The panel portion of the survey was asked of 522 teens and young adults ages 14 to 21 from the AmeriSpeak Panel conducted by NORC. The final sample included 503 interviews completed by web and 19 completed by telephone. Participants for the study were sampled by conducting a random and demographically-balanced sample of young adults and minors. Young adults of legal age were contacted directly to participate. Minor panelists were screened to confirm a child between the ages of 14 and 17 still live in that home, and that the adult is their parent or guardian. Then the parent or guardian was asked to consent for their minor to be interviewed and asked whether phone or email was the best way to contact that minor. For households with multiple minors in that age range, one was randomly selected to be invited to answer the survey. Questions marked "YA" in this trend document were asked in the order they appear in this document with the same wording.

This survey uses statistical weighting procedures to account for deviations in the survey sample from known population characteristics, which helps correct for differential survey participation and random variation in samples. The overall adult sample is weighted to correct for differential probabilities of selection among individuals who are landline-only/cell phone-only/dual users, as well as the number of adults in households with landline phones. Results are also weighted match the demographic makeup of the population by sex, region, age, education, and race/ethnicity according to the U.S. Census Bureau's 2015 American Community Survey data. Results were weighted to county population density according to the 2010 Decennial Census.

All error margins have been adjusted to account for the survey's design effect, which is 1.39 for this survey. The design effect is a factor representing the survey's deviation from a simple random sample, and takes into account decreases in precision due to sample design and weighting procedures. Surveys that do not incorporate a design effect overstate their precision.

Group	Unweighted sample size	Error margin
All adults	1,000	+/- 3.5 points
Football fans	598	4.7
Sports fans	813	4
Sports fans half samples	403-410	5.7-5.8
Teens and young adults	522	6.1

The Washington Post is a charter member of AAPOR's Transparency Initiative, which recognizes organizations that disclose key methodological details on the research they produce.

Contact polls@washpost.com for further information about how The Washington Post conducts polls.

