2019 COLLEGE & PRO FOOTBALL NEWSLETTER

Issue # 11	Games of November 5 - 11, 2019

NFL – By the Numbers

Most of our analysis and insights concern covering the pointspread. Yet there is also much to be appreciated and utilized in looking at straight up results in pro football. Here in Las Vegas there are numerous contests that offer handsome payoffs for contestants able to pick the straight up winners of NFL games without regard to the pointspread. Many of them involve weekly as well as season-long prizes and we suspect there are many more informal weekly 'office pools' around the country that also reward contestants for just picking the straight up winner of NFL games. Additionally, most sports books offer "money line" wagering where you can wager on who wins the game without regard to the pointspread. With those thoughts in mind we present the following historical NFL statistics that cover all regular season games between 1982 and 2018. Over 8,800 games are included in the study. There have been 131 pick 'em games, the results of which are shown below for the Home Team but which are not included in the cumulative Home Favorites summation (1 pick 'em game, played in London, is also not included)..

Pointspread Range	S/U Winners Home Favorite	Pct.	S/U Winners Road Favorite	Pct.	S/U Winners All Favorites	Pct.
Pick 'em	61 - 71 - 0	46.2%				
1 to 3	959 - 724 - 4	57.0 %	707 - 588 - 3	54.6 %	1666 - 1312 - 7	55.9 %
3 ½ to 7	1658 - 803 - 7	67.4 %	779 - 366 - 2	68.0 %	2437 - 1169 - 9	67.6 %
7 ½ to 10	742 - 205 - 0	78.4 %	220 - 70 - 2	75.9 %	962 - 275 - 2	77.8 %
10 ½ to 14	477 - 94 - 1	83.5 %	88 - 22 - 0	80.0 %	565 - 116 - 1	83.0 %
14 ½ +	134 - 7 - 0	95.0 %	18 - 1 - 0	94.7 %	152 - 8 - 0	95.0 %
TOTALS	3970 - 1833 - 12	68.4 %	1812 - 1047 - 7	63.4 %	5782 - 2880 - 19	66.8 %

The Chart reflects the results of how frequently Favored teams in various pointspread ranges win games straight up, broken down by Home, Road and Overall performance. As the overall results show, two thirds of all Favorites win games straight up, with Home Favorites faring better than Road Favorites as we'd expect. Historically, experience shows that it takes approximately 73-75% winners to win one of the season-long contests. In most cases it takes a perfect week to win a weekly prize, although there are weeks with several upsets and 1 loss is good enough to cash. Rarely do 2 or more losses win a weekly prize.

The Chart can be used to determine the most likely scenarios to select upsets – and the pointspread ranges in which upsets are extremely unlikely and should be avoided. In general, to win a weekly prize you would want to concentrate on picking more upsets in a higher pointspread range. But to contend for the season-long prizes it is best to (a) avoid picking upsets involving Favorites of more than a touchdown, (b) limit your picking of upsets in the 3 ½ to 7 point range and (3) focus on picking upsets in the 1 to 3 point range, especially involving Road Favorites in that range which historically have won barely over 54% of the time.

And, of course, the chart can also be used in deciding whether or not to play teams on the Money Line, either favorites or underdogs or straight plays or parlays. (Note that the percentage of Straight Up success for underdogs is calculated by subtracting the Favorite's winning percentage from 100 percent such that Road Underdogs of between 3 ½ and 7 points have won at a historical rate of 32.7% (100 % minus the Home Favorite percentage of 67.3 % equals 33.0 %).

COLLEGE SELECTION OF THE WEEK: Notre Dame - 8 over DUKE – With their CFP hopes all but gone Notre Dame's focus will be on winning their remaining games and playing in a major Bowl. Perhaps a bit shell shocked from their 45-14 beatdown at Michigan the Irish needed a last minute TD to defeat Virginia Tech 21-20, never threatening to cover as 17 point chalk. Duke had to replace QB Jones yet started the season with 3 wins and covers following a lopsided loss at powerful Alabama. But the Blue Devils have had trouble holding onto often big leads over the last month, dropping 3 of 4 that includes a beatdown of their own, losing 48-14 at Virginia. Duke is the level of program that rebuilds rather than reloads whereas Notre Dame almost always attracts top tier talent. They also have revenge for a 38-35 home loss to Duke in 2016 when the Irish were 4-8 and coach Kelly was feeling the heat. Though it happened 3 seasons ago Kelly can use that loss as motivation for his team to regain focus for the stretch run. Notre Dame wins 41-23.

Other Featured College Selections

Louisville + 6 ½ over MIAMI FLA – Both teams are 1 win away from Bowl eligibility. Miami is off their win at Florida State, which defeated Louisville earlier this season. Louisville's other losses were to undefeated Clemson and highly rated Notre Dame. They handed surprising Wake Forest its lone loss. 3 of Miami's 4 losses have been to modest competition (North Carolina, Virginia Tech and Georgia Tech – the latter 2 at home) in addition to their season opening loss to highly regarded Florida. Louisville has the better offense but the weaker defense. New coach Satterfield has been able to erase the bad memories of last season's disastrous play. Miami has underperformed under first season coach Diaz for whom the expectation for this season were higher. Louisville is off a Bye and should be well prepared as they catch Miami off what was an emotional win over its in-state conference rival. Louisville wins 35-27.

Penn State - 6 ½ over MINNESOTA – It's surprising that both teams are unbeaten. Penn State lost several key players from last season's team and faced a challenging early season schedule. Minnesota was thought to be improved but has taken advantage of an easy schedule to date. The Gophers are well coached under Fleck who led Western Michigan to a 13-0 regular season in 2016 which led to his getting the Minny job. This is by far Minnesota's toughest test to date but Penn State should not take the Gophers lightly as they still have a game next week hosting Indiana before the showdown at Ohio State a week later. Penn State allows just 2.2 yards per rush which is the strength of Minnesota's offense (4.5 ypr). Against other foes the Gophers' opponents are 33-29. Penn State's foes are 38-24 against other the Nittany Lions. Had Minnesota faced even one quality foe it would make for an attractive take. But having faced and beaten Iowa, Michigan and Michigan State back-to-back-to-back with two of the wins on the road their experience combined with Minnesota's lack thereof justifies a call on the visitors. Penn State wins 30-17.

Georgia State - 2 ½ over UL MONROE – We go off the beaten path for this Sun Belt encounter. Georgia State started its season with that impressive road win over Tennessee as 24 ½ point road dogs. The Vols have gone on to win 3 of its last 3 games in SEC play, making State's win even more impressive than it was at the time. UL Monroe is in the midst of a disappointing season and has lost its last 2 home games. GSU was 2-10 last season yet has a chance to play for the conference title after Appalachian State was upset last week. GSU hosts the Mountaineers next week which suggests a possible look ahead here. Yet at 6-2 a win here guarantees a winning regular season record. This is also a matchup of a team (GSU) that averages over 200 yards both rushing and passing against a team that allows an average of 200 yards both rushing and passing. That combo of strength/strength vs weakness/weakness is strong. Georgia State wins 31-20.

Best of the Rest (Opinions)

COASTAL CAROLINA + 14 over UL Lafayette [3]	Temple - 1 over SOUTH FLORIDA [3]
TULSA + 17 over Central Florida [4]	Florida State + 2 over BOSTON COLLEGE
Texas Tech - 2 ½ over WEST VIRGINIA	VIRGINIA TECH + 2 ½ over Wake Forest
Appalachian State + 5 over SOUTH CAROLINA	Vanderbilt + 26 over FLORIDA
PURDUE + 2 over Northwestern	ARIZONA STATE - 2 over Usc
Liberty + 17 over BYU	TCU + 2 ½ over Baylor
Lsu + 6 ½ over ALABAMA	MISSISSIPPI - 28 over New Mexico State

ARKANSAS - 1 ½ over Western Kentucky	OKLAHOMA - 14 over Iowa State
Uab + 5 over SOUTHERN MISS	Kansas State + 17 over TEXAS
LOUISIANA TECH - 5 ½ over North Texas	Iowa + 9 ½ over WISCONSIN
CALIFORNIA + 8 over Washington State	

The Rest (Leans)

TOLEDO - 6 over Kent State [1]	WESTERN MICHIGAN - 6 ½ over Ball State [1]
OHIO U - 7 over Miami Ohio [2]	Washington - 10 over OREGON STATE [4]
NORTH CAROLINA STATE + 32 over Clemson	Georgia Tech + 16 over VIRGINIA
Maryland + 43 ½ over OHIO STATE	ARMY - 35 over Massachusetts
CINCINNATI - 35 over Connecticut	Illinois + 15 over MICHIGAN STATE
NEW MEXICO + 22 over Air Force	COLORADO + 3 ½ over Stanford
UT San Antonio + 4 ½ over OLD DOMINION	BOISE STATE - 13 over Wyoming
UTEP + 13 over Charlotte	SMU - 21 over East Carolina
TEXAS STATE - 7 ½ over South Alabama	Troy + 2 ½ over GEORGIA SOUTHERN
Tennessee Pick 'em over KENTUCKY	Missouri + 17 over GEORGIA
Florida Int'l + 10 over FLORIDA ATLANTIC	FRESNO STATE - 6 over Utah State
SAN DIEGO STATE - 17 over Nevada	SAN JOSE STATE + 7 ½ over HAWAII

[1] Tuesday Nov 5   [2] Wednesday Nov 6   [3] Thursday Nov 7   [4] Friday, Nov 8

NFL SELECTION OF THE WEEK: GREEN BAY - 5 over Carolina – Carolina rebounded from its one sided 38 point loss at San Francisco with an impressive home win over Tennessee. Now it's Green Bay's turn to rebound from an uninspired and lethargic effort in a 26-11 loss at the Chargers in which Packers offense was held in check. Defensively Green Bay should focus on containing Panthers RB McCaffrey and force QB Allen to challenge the Packers defense. The Pack recorded season lows in both rushing and passing yards last week, limited to just 49 offensive plays with just 24 minutes of possession. Expect a much better effort from both sides of the football with the Packers having their Bye next week. This is an important game for the Packers who are off back to back road games with 2 more roadies after the Bye. Green Bay wins 31-20.

Other Featured NFL Selections:

CLEVELAND - 2 ½ over Buffalo – Halfway into what was thought to be a breakout season the Browns are 2-6 with no shortage of criticism and blame to go around. The main targets are QB Mayfield and rookie head coach Kitchens. The offense has a solid ground game that averages 5.2 yards per rush. The alarming stat is the - 8 turnover margin. Buffalo's all about its defense but the offense is average at best. Buffalo is #3 in allowing just 4.9 yards per play. QB Allen's not progressed much from 2018. 5 of their 6 wins have been vs. the Jets, Giants, Bengals, Dolphins and Redskins (a combined 5-37.) Cleveland's played much better competition and showed their potential in a 40-25 road win at Baltimore, amassing 530 total yards of offense. That they are favored here is indicative of linesmakers recognizing how stats and records can often be very misleading. The Bills play their first road game since Week 5. Cleveland wins 23-13.

PITTSBURGH + 3 ½ over L A Rams – The Rams return from their Bye that followed a pair of wins over the Falcons and Bengals who are a combined 1-15. Pittsburgh's won 3 straight with 2 of the wins against decent competition (Colts and Chargers). The defense has gelled in recent weeks, especially against the pass, holding 4 of their last 5 foes to under 190 net passing yards. QB Rudolph is more comfortable directing the offense with each passing week. The offense has had its 3 best rushing games of the season in the last 3

games, averaging 124 yards per game, a number the Rams have topped just once and that was in their opener. The Steelers also have the much better turnover margin of + 10 versus even for the Rams. Getting more than a FG is an attractive take in a game the Steelers can clearly win. Pittsburgh wins 23-20.

Seattle + 6 over SAN FRANCISCO (Monday) – This result of this attractive matchup could have a major impact on who wins the NFC West. Although San Francisco is the lone unbeaten team at 8-0, Seattle is 7-2 and a win by the Seahawks would allow them to control their destiny which includes a home rematch with the 49ers in Week 17. In contrast to past seasons in which Seattle enjoyed a huge home advantage this season finds Seattle struggling at home with a pair of 1 point wins, last week's overtime win and a pair of losses to New Orleans and Baltimore. Yet Seattle is unbeaten on the road (4-0) including a pair as road underdogs. It's hard to knock anything the 49ers have done aside from noting that their 8 wins have been against teams that are 22-35 against the rest of the NFL. Seattle had won 9 straight in the series prior to the Niners winning their second meeting last season. The 49ers are clearly a team on the rise but in this matchup the preference is to back veteran coach Carroll and QB Wilson in a big game. Seattle wins 24-20.

Best of the Rest (Recommendations)

OAKLAND + 1 over L A Chargers (Thursday)	Arizona + 4 ½ over TAMPA BAY
CHICAGO - 2 ½ over Detroit	DALLAS - 3 over Minnesota (Monday

The Rest (Opinions)

Kansas City - 4 over TENNESSEE	N Y Giants - 2 ½ over N Y JETS
Atlanta + 13 over NEW ORLEANS	CINCINNATI + 10 over Baltimore
INDIANAPOLIS - 10 over Miami	

Byes	Denver	Houston	Jacksonville	New England	Philadelphia	Washington

Best of the NFL Totals

Buffalo/Cleveland UNDER 40 ½	Arizona/Tampa Bay OVER 51 ½
Carolina/Green Bay OVER 47	Detroit/Chicago UNDER 42
L A Rams/Pittsburgh UNDER 45	Minnesota/Dallas UNDER 47 ½

Money Line Recommendations

College:	Louisville	VIRGINIA TECH	Appalachian State	Purdue
Pro:	CLEVELAND	CHICAGO	PITTSBURGH	Seattle

NOTE: All Selections are picked to win Against the Spread (ATS). Unless otherwise indicated, HOME TEAMS are in CAPS. All material is provided as news matter only and is not to be used in violation of any Federal, State or Local law(s)

LOGICAL APPROACH's 2019 COLLEGE & PRO FOOTBALL SPREADSHEET – Current College & NFL Data Complete through Monday, Novmber 4, 2019

TEAM	W	L	T	C	N	P	AVE PTS FOR	AVE PTS AGT	AVE MGN	AVE RUN YPG FOR	AVE PAS YPG FOR	AVE TOT YPG FOR	AVE RUN YPG AGT	AVE PAS YPG AGT	AVE TOT YPG AGT	AVE NET YPG	NET T/O	AVE PWR RTG	AVE OPP PWR RTG	NET PWR RTG CHG	LINE POWR	GAME PLAY POWR	COMP POWR	'X' FCTR
L A CHARGERS	4	5	0	3	4	2	20.3	18.7	1.7	79	281	361	114	209	323	38	-3	101.7	98.8	-4	100.7	97.3	99.6	-5
OAKLAND	4	4	0	5	3	0	22.8	27.0	-4.2	136	245	382	92	297	390	-8	-1	95.0	103.4	7	97.1	99.8	97.5	-4
KANSAS CITY	6	3	0	5	4	0	28.0	22.7	5.3	90	300	390	140	230	369	21	2	108.1	101.7	-3	105.7	100.8	104.9	4
TENNESSEE	4	5	0	3	5	1	18.7	18.3	0.3	101	213	314	103	236	339	-26	5	101.6	100.0	-2	100.5	102.6	101.8	6
BUFFALO	6	2	0	5	3	0	19.8	16.4	3.4	129	207	336	112	184	296	40	-1	97.9	95.6	-1	103.1	102.6	99.3	1
CLEVELAND	2	6	0	2	6	0	19.0	25.6	-6.6	121	225	346	141	216	358	-12	-8	99.2	102.8	-1	91.0	92.1	96.7	-11
ARIZONA	3	5	1	6	3	0	21.7	27.9	-6.2	121	224	344	127	281	408	-63	3	91.8	102.0	6	94.5	100.2	95.9	3
TAMPA BAY	2	6	0	2	6	0	28.8	31.5	-2.8	99	277	377	78	294	372	5	-5	99.0	101.0	2	97.6	98.6	99.2	1
N Y GIANTS	2	7	0	3	6	0	19.6	28.3	-8.8	102	225	327	128	264	391	-65	-10	95.6	99.9	-8	90.1	90.8	94.5	0
N Y JETS	1	7	0	2	6	0	12.0	26.4	-14.4	66	157	224	89	263	352	-129	-7	86.8	101.4	0	83.7	86.3	88.8	-7
ATLANTA	1	7	0	2	6	0	20.6	31.2	-10.6	68	317	386	118	261	380	6	-11	97.6	101.2	-11	85.4	85.4	93.4	-17
NEW ORLEANS	7	1	0	6	2	0	24.4	19.5	4.9	114	261	375	84	232	317	59	3	105.0	101.2	3	106.7	107.0	105.0	-6
BALTIMORE	6	2	0	3	4	1	31.4	22.0	9.4	205	222	427	83	266	349	78	2	106.1	99.4	4	111.4	110.6	106.7	0
CINCINNATI	0	8	0	3	5	0	15.5	26.2	-10.8	60	258	317	178	258	436	-119	-9	93.0	99.8	-6	87.6	82.5	91.2	4
CAROLINA	5	3	0	5	3	0	26.1	25.5	0.6	133	207	340	133	227	360	-21	0	102.8	100.6	-5	100.8	102.4	101.6	10
GREEN BAY	7	2	0	6	3	0	25.1	21.0	4.1	95	257	352	128	255	383	-30	7	99.9	102.6	11	104.1	103.9	102.4	19
DETROIT	3	4	1	4	4	0	25.5	27.1	-1.6	96	295	391	136	288	424	-33	1	102.0	101.2	-3	98.6	97.6	100.6	-3
CHICAGO	3	5	0	2	6	0	17.8	18.0	-0.2	80	186	267	94	230	324	-57	2	103.0	98.1	-8	97.9	99.7	100.8	5
MIAMI	1	7	0	4	4	0	12.9	32.0	-19.1	64	198	262	151	252	403	-140	-13	82.1	100.8	-1	80.4	77.6	84.0	-3
INDIANAPOLIS	5	3	0	4	3	1	22.8	22.1	0.6	130	214	344	108	231	340	4	-1	104.8	102.2	-4	101.4	100.8	102.9	2
L A RAMS	5	3	0	6	2	0	26.8	21.8	5.0	97	287	385	97	241	338	46	0	104.6	100.1	0	104.6	102.4	103.3	-1
PITTSBURGH	4	4	0	4	3	1	22.0	21.1	0.9	88	202	291	108	228	336	-45	11	101.6	99.8	-3	101.1	103.0	101.5	8
MINNESOTA	6	3	0	5	4	0	26.0	17.6	8.4	153	234	387	96	225	321	66	4	106.5	99.7	4	109.2	109.3	106.5	0
DALLAS	5	3	0	5	3	0	28.4	17.8	10.6	149	287	437	97	221	318	118	1	102.1	94.8	4	110.8	108.6	103.5	-3
SEATTLE	7	2	0	4	5	0	27.6	25.6	2.0	132	263	395	103	278	381	14	7	100.8	98.6	-2	100.6	105.9	101.3	0
SAN FRANCISCO	8	0	0	5	3	0	29.4	12.8	16.6	171	219	390	103	138	241	149	4	105.9	98.2	16	122.2	114.0	109.7	3
DENVER	3	6	0	5	4	0	16.6	18.9	-2.3	112	200	311	108	202	310	2	-3	96.0	100.9	3	98.2	96.7	97.5	-6
HOUSTON	6	3	0	5	4	0	26.4	21.2	5.2	143	254	397	84	277	361	35	3	103.8	101.4	5	107.4	107.2	104.1	0
JACKSONVILLE	4	5	0	5	4	0	19.6	21.0	-1.4	130	248	377	120	230	350	27	-2	98.0	100.2	3	98.0	98.8	99.4	-6
NEW ENGLAND	8	1	0	6	3	0	30.0	10.9	19.1	93	274	367	99	150	249	118	17	113.3	93.9	-1	120.2	115.7	112.2	14
PHILADELPHIA	5	4	0	4	5	0	24.9	23.7	1.2	127	220	347	87	239	326	21	-1	103.3	98.2	-5	100.1	102.5	101.2	-5
WASHINGTON	1	8	0	3	6	0	12.0	24.3	-12.3	89	169	259	136	230	366	-107	-3	90.9	101.7	0	87.1	88.3	91.7	1
KENT STATE	3	5	0	4	4	0	23.9	30.9	-7.0	171	195	366	251	217	468	-102	1	151.8	167.7	9	97.1	95.2	132.7	22
TOLEDO	5	3	0	5	3	0	28.4	28.0	0.4	245	200	445	200	273	473	-28	-4	163.8	162.3	-12	96.9	99.2	137.2	15
BALL STATE	4	4	0	5	3	0	33.0	28.6	4.4	194	248	442	160	240	400	41	7	153.6	163.2	15	105.4	105.5	136.3	-13
W MICHIGAN	5	4	0	4	4	1	36.0	25.8	10.2	206	256	462	178	252	431	31	6	159.1	154.1	13	106.3	116.9	139.1	46
MIAMI OHIO	4	4	0	4	4	0	22.5	33.0	-10.5	124	172	296	184	211	395	-99	2	160.5	172.8	-9	92.7	94.1	136.1	-29
OHIO U	4	4	0	2	6	0	30.4	29.5	0.9	194	218	412	205	241	446	-35	-5	169.9	165.2	-11	98.9	96.1	140.0	30
UL LAFAYETTE	6	2	0	7	1	0	37.1	18.4	18.7	288	203	491	152	199	351	140	-1	165.8	156.0	15	115.3	110.9	142.3	14
COASTAL CAROLI	4	4	0	5	3	0	33.0	28.0	5.0	195	210	406	175	176	350	55	-1	141.6	156.9	10	104.7	100.2	129.0	-6
TEMPLE	5	3	0	4	4	0	27.6	27.8	-0.1	138	264	402	168	235	403	-1	-3	166.6	163.4	-9	96.8	97.4	138.2	7
SOUTH FLORIDA	4	4	0	5	3	0	26.1	28.4	-2.3	180	173	353	199	186	385	-31	7	170.5	166.6	6	97.8	101.0	141.3	5
CENT FLORIDA	7	2	0	4	5	0	46.3	22.4	23.9	226	325	551	138	210	348	203	2	186.9	163.8	2	114.7	112.1	153.2	-6
TULSA	2	7	0	5	4	0	24.4	33.0	-8.6	132	272	404	205	202	407	-4	0	162.8	182.6	6	94.9	94.3	139.5	-54
WASHINGTON U	5	4	0	5	4	0	34.9	22.8	12.1	164	260	424	144	231	375	49	5	203.3	180.5	2	107.9	107.8	161.1	38
OREGON ST	4	4	0	6	2	0	33.6	32.4	1.2	177	254	431	186	253	439	-8	4	175.6	173.5	17	103.9	106.3	146.7	5
CLEMSON	9	0	0	6	3	0	44.2	11.7	32.5	272	273	545	113	134	247	298	5	221.4	175.3	-9	118.8	120.7	171.3	-5
N CAROLINA ST	4	4	0	3	5	0	24.9	25.4	-0.5	152	244	396	119	243	362	34	-5	185.6	164.1	-14	94.5	97.4	146.3	-15
FLORIDA ST	4	5	0	3	5	1	27.2	28.8	-1.6	128	265	393	155	279	434	-41	0	183.3	180.6	4	96.8	98.0	148.7	24
BOSTON COLLEGE	5	4	0	6	3	0	34.1	31.4	2.7	282	199	480	185	297	483	-2	4	185.7	180.2	1	102.6	105.7	151.8	8
GEORGIA TECH	2	6	0	1	6	1	17.1	29.1	-12.0	158	141	300	218	188	406	-106	-2	181.4	181.0	-8	91.6	91.1	145.2	-8
VIRGINIA U	6	3	0	4	4	1	30.8	21.9	8.9	109	255	363	123	190	312	51	-6	192.9	168.5	-2	106.1	100.1	152.2	30
TEXAS TECH	3	5	0	3	4	1	30.8	29.4	1.4	175	304	479	176	285	460	18	5	193.2	174.8	-2	100.6	103.3	153.0	-6
WEST VIRGINIA	3	5	0	4	4	1	21.6	31.4	-9.8	79	223	302	178	236	414	-111	-3	191.2	194.6	-9	94.7	89.1	152.0	-4
LOUISVILLE	5	3	0	5	3	0	32.8	31.9	0.9	219	226	445	178	259	437	7	0	172.5	174.8	23	102.6	101.6	144.8	-10
MIAMI FLA	5	4	0	5	4	0	26.8	18.3	8.5	112	269	381	98	191	289	92	5	188.7	169.3	0	103.5	107.8	151.4	2
NOTRE DAME	6	2	0	4	4	0	33.8	20.8	13.0	163	256	419	164	180	344	75	7	187.9	181.1	-10	106.2	108.7	154.7	22
DUKE	4	4	0	3	3	2	29.5	25.9	3.6	166	197	363	145	207	352	11	-5	190.6	169.9	-3	103.2	100.3	150.9	19
MARYLAND U	3	6	0	4	5	0	29.6	30.0	-0.4	184	200	384	151	263	414	-29	0	186.3	168.7	-3	99.2	100.9	148.7	20
OHIO STATE	8	0	0	7	1	0	48.2	7.9	40.4	284	230	515	92	132	224	290	11	214.5	179.6	19	132.0	128.7	173.9	4
MASSACHUSETTS	1	8	0	1	8	0	22.2	52.0	-29.8	138	172	310	268	301	569	-259	1	137.0	144.8	-26	76.6	86.9	116.3	9
ARMY	3	6	0	3	6	0	24.7	22.6	2.1	249	91	339	170	183	353	-14	2	171.5	150.7	-15	98.8	104.1	139.5	23
CONNECTICUT	2	7	0	4	5	0	20.3	39.8	-19.5	136	204	341	220	226	446	-105	-6	153.0	164.0	5	87.8	87.2	129.6	-24
CINCINNATI	7	1	0	5	3	0	30.8	23.2	7.5	192	204	397	134	247	381	15	8	190.6	178.8	-3	104.6	108.2	154.7	35
ILLINOIS U	5	4	0	6	3	0	30.0	24.8	5.2	163	163	326	189	209	398	-73	12	176.4	175.0	18	107.0	105.2	147.6	73
MICHIGAN ST	4	4	0	2	6	0	21.8	21.9	-0.1	113	233	346	117	196	313	33	0	189.9	184.8	0	97.3	100.0	152.4	-15
WAKE FOREST	7	1	0	4	3	1	38.0	24.6	13.4	187	324	511	156	244	400	111	8	191.0	168.5	1	109.6	110.6	153.7	13
VIRGINIA TECH	5	3	0	3	5	0	29.0	28.5	0.5	166	210	376	140	262	402	-27	-4	181.8	161.9	0	97.2	99.1	144.2	22
APPALACHIAN ST	7	1	0	5	3	0	38.5	19.6	18.9	233	205	438	164	165	330	108	7	174.8	146.6	-2	112.3	115.2	145.2	34
S CAROLINA U	4	5	0	5	4	0	27.2	25.0	2.2	185	225	409	141	242	383	26	3	194.3	187.0	6	101.8	104.1	156.0	-3
PENN STATE	8	0	0	4	3	1	38.5	9.6	28.9	170	252	422	68	212	280	142	7	205.9	175.7	12	121.7	122.5	166.3	48
MINNESOTA U	8	0	0	5	2	1	38.4	20.0	18.4	204	225	430	117	166	284	146	5	193.4	162.8	7	113.4	113.4	155.3	24
VANDERBILT	2	6	0	1	7	0	17.0	32.4	-15.4	126	191	317	203	251	454	-137	-2	182.7	189.9	-13	88.3	88.4	146.6	3
FLORIDA U	7	2	0	4	3	2	30.8	16.7	14.1	129	275	404	124	205	329	75	3	207.3	186.3	2	109.9	107.8	164.1	33
PURDUE U	3	6	0	5	4	0	24.6	28.4	-3.9	77	302	379	163	245	408	-29	-9	183.4	184.4	3	97.5	89.7	147.4	1
NORTHWESTERN	1	7	0	2	6	0	9.8	25.5	-15.9	134	124	258	158	191	349	-91	-10	185.4	192.1	-12	87.4	84.5	147.5	-20
AIR FORCE	7	2	0	5	4	0	34.4	20.9	13.5	324	108	432	97	217	313	119	-4	182.9	168.4	11	111.0	110.2	151.3	3
NEW MEXICO U	2	7	0	2	6	1	23.4	35.8	-12.3	200	219	419	150	340	490	-71	-12	157.3	155.1	-2	91.0	91.5	130.5	-39
STANFORD	4	4	0	3	5	0	22.6	28.0	-5.4	120	228	348	157	267	423	-75	4	191.2	187.9	-10	95.6	98.9	153.0	25
COLORADO U	3	6	0	4	5	0	25.7	34.4	-8.8	152	255	406	165	316	481	-74	3	184.2	186.3	0	93.4	97.5	149.3	-7

LOGICAL APPROACH's 2019 COLLEGE & PRO FOOTBALL SPREADSHEET – Current College & NFL Data Complete through Monday, Novmber 4, 2019

TEAM	W	L	T	C	N	P	AVE PTS FOR	AVE PTS AGT	AVE MGN	AVE RUN YPG FOR	AVE PAS YPG FOR	AVE TOT YPG FOR	AVE RUN YPG AGT	AVE PAS YPG AGT	AVE TOT YPG AGT	AVE NET YPG	NET T/O	AVE PWR RTG	AVE OPP PWR RTG	NET PWR RTG CHG	LINE POWR	GAME PLAY POWR	COMP POWR	'X' FCTR
TEX SAN ANTONI	3	5	0	4	4	0	18.8	33.4	-14.6	169	142	311	217	190	408	-96	-4	117.0	159.4	5	91.1	90.1	115.2	-35
OLD DOMINION	1	8	0	4	5	0	14.8	28.7	-13.9	89	148	237	134	226	360	-123	1	123.0	161.4	-9	90.4	90.5	117.8	-26
SOUTHERN CAL	5	4	0	4	5	0	30.4	28.3	2.1	140	293	433	184	242	427	6	-9	195.1	186.9	1	101.4	95.2	155.2	6
ARIZONA ST	5	3	0	3	5	0	23.4	21.1	2.3	129	238	367	115	243	358	9	7	188.2	173.5	-4	100.3	106.0	151.2	6
WYOMING	6	2	0	5	3	0	28.9	17.6	11.3	239	125	364	98	289	387	-23	8	176.8	159.7	-1	108.9	115.5	147.5	72
BOISE ST	7	1	0	5	3	0	37.4	23.4	14.0	178	291	469	116	234	351	119	0	177.7	166.7	-3	108.0	108.0	147.6	0
LIBERTY	6	3	0	4	4	1	33.8	26.1	7.7	144	300	445	196	223	419	25	1	142.6	149.7	8	105.8	101.3	128.2	29
BYU	4	4	0	4	4	0	25.5	27.8	-2.2	134	279	412	206	214	420	-7	7	180.1	188.0	1	99.1	99.5	148.8	-1
CHARLOTTE	4	5	0	4	5	0	32.1	37.1	-5.0	211	207	418	201	209	411	8	-2	131.5	162.8	1	96.7	97.5	123.5	-35
TEXAS EL PASO	1	7	0	2	5	1	19.1	36.5	-17.4	136	160	297	180	248	428	-132	-3	140.8	154.0	-1	89.2	88.9	122.7	-22
BAYLOR	8	0	0	4	4	0	36.1	18.5	17.6	199	281	480	122	219	341	139	5	196.9	153.8	9	111.5	112.8	154.6	2
TCU	4	4	0	3	5	0	33.4	26.1	7.3	220	222	442	128	196	324	118	-4	184.2	166.3	4	102.5	104.4	149.1	-38
E CAROLINA U	3	6	0	5	4	0	23.9	30.2	-6.3	149	254	403	207	218	425	-22	-1	152.8	163.9	8	96.3	95.0	132.1	-20
SMU	8	1	0	6	2	1	43.6	30.7	12.9	191	319	510	122	280	402	108	5	172.4	163.7	13	111.2	109.0	146.0	-19
SOUTH ALABAMA	1	7	0	4	4	0	14.6	30.4	-15.8	150	141	291	217	192	410	-119	-5	120.4	155.5	1	90.1	87.7	114.8	-12
TEXAS ST	2	6	0	1	5	2	16.2	30.1	-13.9	79	226	306	226	189	416	-110	-2	141.1	165.7	1	90.9	86.4	125.4	-6
LSU	8	0	0	5	2	1	46.8	20.0	26.8	158	378	536	98	218	315	220	4	209.3	180.3	12	117.2	114.8	166.2	1
ALABAMA U	8	0	0	4	4	0	48.6	15.2	33.4	168	339	507	127	180	308	199	13	216.6	175.7	-1	118.2	120.5	169.5	14
NEW MEXICO ST	0	8	0	3	5	0	18.0	42.4	-24.4	118	227	345	265	214	478	-134	-15	143.9	181.2	0	84.0	79.9	126.6	-16
MISSISSIPPI U	3	6	0	5	4	0	24.6	26.2	-1.7	225	190	415	129	291	420	-4	3	187.4	182.8	10	100.0	104.3	152.6	-5
W KENTUCKY	5	4	0	6	3	0	22.6	20.7	1.9	108	254	361	126	191	317	44	-9	159.5	159.6	5	102.5	95.3	135.9	-9
ARKANSAS U	2	7	0	2	7	0	22.7	35.2	-12.5	137	218	355	221	222	443	-88	-6	178.4	177.1	-2	88.3	89.8	142.7	-14
IOWA STATE	5	3	0	5	3	0	35.9	22.9	13.0	151	328	480	118	224	342	137	-3	200.9	175.7	8	109.1	105.0	158.3	-18
OKLAHOMA U	7	1	0	4	4	0	49.2	23.0	26.2	252	346	598	140	200	339	259	-2	213.2	173.2	3	114.1	110.5	164.8	-11
ALA-BIRMINGHAM	6	2	0	5	3	0	27.0	17.5	9.5	142	242	385	92	163	255	129	-4	136.6	130.5	-8	104.5	106.5	123.7	-4
SOUTHERN MISS	5	3	0	4	4	0	29.1	28.8	0.4	118	315	434	112	255	367	67	-5	166.0	166.0	1	99.8	97.9	139.1	-52
GA SOUTHERN	5	3	0	4	4	0	25.0	27.1	-2.1	269	45	314	136	216	352	-39	-2	158.3	176.3	4	99.2	104.3	139.2	4
TROY STATE	3	5	0	2	6	0	34.8	32.6	2.1	147	317	464	143	275	418	46	0	161.6	150.5	-7	98.5	101.1	134.8	-24
TENNESSEE U	4	5	0	5	4	0	24.7	24.1	0.6	139	210	349	138	213	351	-2	2	185.5	174.0	12	101.3	101.0	148.9	7
KENTUCKY U	4	4	0	6	2	0	21.2	21.2	0.0	201	154	355	175	180	355	0	-3	196.0	185.1	-1	101.5	99.4	155.6	3
MISSOURI U	5	3	0	4	4	0	31.8	18.1	13.6	184	244	428	137	144	281	147	3	205.4	174.2	-11	105.5	109.9	160.1	-9
GEORGIA U	7	1	0	4	4	0	34.5	11.4	23.1	222	240	462	78	190	268	194	1	211.7	173.9	3	112.1	118.2	165.7	-1
KANSAS ST	6	2	0	6	2	0	33.4	20.4	13.0	217	172	389	167	186	353	36	5	201.5	177.1	7	113.1	110.0	160.0	59
TEXAS U	5	3	0	4	4	0	39.1	31.5	7.6	168	308	476	160	305	466	10	3	205.4	184.1	-7	103.6	104.0	160.5	29
NORTH TEXAS	4	5	0	3	6	0	35.0	32.4	2.6	161	301	462	186	231	417	45	-3	155.3	148.3	2	99.2	98.2	131.0	-19
LOUISIANA TECH	7	1	0	5	3	0	36.4	23.6	12.8	177	294	471	143	254	396	75	3	160.3	150.8	7	108.1	107.4	137.4	22
GEORGIA ST	6	2	0	5	1	2	36.6	34.9	1.7	257	221	479	197	250	447	32	0	126.3	161.1	15	104.6	102.3	124.1	-8
UL MONROE	3	5	0	2	6	0	28.8	38.6	-9.9	208	221	430	235	260	495	-65	3	153.8	165.5	-6	91.1	97.4	132.1	-22
FLA INTRNTIONL	5	4	0	2	7	0	28.2	25.4	2.8	188	206	393	199	165	364	29	3	156.3	152.2	-8	97.8	102.7	132.7	4
FLA ATLANTIC	6	3	0	6	3	0	33.1	26.0	7.1	140	279	418	146	262	407	11	10	162.6	159.5	6	105.9	107.0	139.1	33
UTAH STATE	4	4	0	4	4	0	27.1	26.4	0.7	154	266	420	186	258	444	-24	-3	178.0	171.1	-16	97.7	97.8	145.0	20
FRESNO STATE	4	4	0	3	4	1	34.2	31.9	2.4	182	233	415	165	244	410	6	5	173.0	170.0	-13	99.2	103.4	143.8	8
IOWA U	6	2	0	3	5	0	24.4	10.1	14.3	146	247	393	88	177	266	127	2	202.3	183.8	-2	109.7	113.7	162.4	-13
WISCONSIN U	6	2	0	5	3	0	35.6	11.4	24.2	216	196	412	84	139	224	188	5	200.4	178.7	11	117.6	119.9	163.4	32
WASHINGTON ST	4	4	0	3	5	0	41.8	29.8	12.0	86	436	522	193	257	450	72	0	194.9	166.9	-3	106.5	98.9	152.4	25
CALIFORNIA	4	4	0	3	5	0	17.4	20.8	-3.4	117	177	294	161	213	374	-80	-4	189.2	179.5	-5	97.4	95.7	150.2	29
NEVADA RENO	5	4	0	3	5	1	19.3	34.6	-15.2	121	237	358	146	268	415	-56	-4	154.3	166.9	-17	85.9	91.3	130.4	-45
SAN DIEGO ST	7	1	0	5	3	0	21.8	14.1	7.6	152	177	329	70	214	284	45	10	174.4	164.0	7	105.2	116.2	146.8	6
SAN JOSE ST	4	5	0	5	3	1	29.9	31.9	-2.0	82	325	407	238	207	445	-38	12	154.7	163.4	4	101.1	98.4	134.6	12
HAWAII U	5	4	0	4	5	0	36.8	36.0	0.8	142	354	496	214	232	446	50	-12	159.1	174.6	11	101.6	93.5	137.4	-19
AKRON	0	9	0	0	9	0	10.2	35.7	-25.5	53	203	256	202	188	390	-135	-16	138.4	148.8	-21	78.3	73.9	115.7	-58
ARIZONA U	4	5	0	2	6	1	32.9	37.3	-4.4	196	299	496	169	313	482	14	-2	183.1	171.7	-7	93.9	98.9	146.3	-37
ARKANSAS ST	5	4	0	4	5	0	34.2	36.0	-1.8	141	297	437	216	272	488	-51	-2	161.5	167.3	-8	98.3	95.5	136.8	12
AUBURN U	7	2	0	7	2	0	32.7	17.4	15.2	219	206	425	113	221	334	91	2	209.9	186.7	2	111.3	111.5	166.0	16
BOWLING GREEN	3	6	0	3	6	0	17.6	33.8	-16.2	165	163	328	214	228	443	-115	-1	143.1	159.1	-2	90.2	90.8	124.3	-16
BUFFALO	5	4	0	5	3	1	28.1	22.3	5.8	224	142	367	85	209	294	73	6	160.2	151.5	4	105.0	111.0	137.1	0
C MICHIGAN	6	4	0	7	2	1	30.0	27.1	2.9	190	249	439	112	242	354	85	-4	151.9	160.6	19	105.6	103.4	133.8	-40
COLORADO ST	4	5	0	5	4	0	31.7	32.0	-0.3	157	312	469	204	190	395	73	-8	167.0	171.1	10	102.2	95.3	140.3	-65
E MICHIGAN	4	5	0	3	6	0	26.2	33.2	-7.0	104	277	380	209	236	446	-65	1	157.9	157.6	-13	92.0	93.5	132.2	3
HOUSTON U	3	6	0	5	4	0	30.7	32.6	-1.9	210	199	409	174	290	463	-54	-5	167.1	174.0	5	99.7	97.6	141.1	18
INDIANA U	7	2	0	6	3	0	34.0	20.0	14.0	138	308	446	134	176	310	136	1	184.4	164.8	6	109.8	106.9	149.4	-10
KANSAS U	3	6	0	4	5	0	25.8	33.3	-7.5	154	231	385	235	238	473	-88	-5	186.9	176.9	-2	96.7	96.0	148.2	9
MARSHALL	6	3	0	3	6	0	26.2	24.0	2.2	201	225	426	134	237	371	55	0	164.6	154.7	-3	98.9	103.7	137.2	-27
MEMPHIS ST	8	1	0	5	3	1	41.1	25.8	15.3	185	290	475	179	216	395	81	-1	178.9	151.6	2	110.1	104.8	145.0	20
MICHIGAN U	7	2	0	5	4	0	31.8	17.1	14.7	171	219	390	113	154	266	124	1	198.6	180.2	11	108.7	109.9	159.0	26
MID TENNESSEE	3	6	0	4	5	0	24.9	31.1	-6.2	183	215	398	210	260	470	-72	-5	157.9	169.3	-3	96.8	93.0	136.5	12
MISSISSIPPI ST	4	5	0	3	6	0	28.7	30.2	-1.5	217	191	408	162	227	389	19	0	200.2	185.0	-13	97.2	101.4	156.2	-32
NAVY	7	1	0	6	2	0	40.1	18.1	22.0	358	99	457	109	201	311	146	1	171.4	154.1	18	119.5	115.7	145.8	22
NEBRASKA U	4	5	0	1	8	0	26.3	29.1	-2.8	188	223	411	174	232	406	5	-3	190.9	171.0	-8	93.7	98.3	148.9	-23
N CAROLINA U	4	5	0	4	4	1	27.9	27.1	0.8	168	277	446	161	235	396	50	3	186.7	187.1	7	102.3	102.6	153.1	-39
N ILLINOIS	3	6	0	5	4	0	23.2	27.9	-4.7	118	245	364	175	198	373	-9	-5	158.1	169.2	-5	95.8	92.7	135.9	-20
OKLAHOMA ST	6	3	0	7	2	0	37.1	29.3	7.8	268	232	500	163	276	438	62	-4	199.2	178.2	-3	104.2	104.2	156.6	11
OREGON U	8	1	0	5	4	0	38.2	15.8	22.4	184	275	459	102	213	315	144	14	203.2	181.7	14	116.3	119.6	164.8	26
PITTSBURGH	6	3	0	6	3	0	20.9	20.1	0.8	131	249	380	86	194	280	99	1	189.5	182.2	-3	100.0	101.4	152.4	-40
RICE	0	9	0	3	5	1	14.9	28.1	-13.2	112	161	273	152	243	395	-122	-5	153.7	181.2	2	93.6	87.7	134.0	-7
RUTGERS	2	7	0	2	7	0	14.7	36.7	-22.0	136	143	280	198	233	431	-151	-12	167.3	180.0	-10	83.9	81.8	136.2	-27
SYRACUSE	3	6	0	2	7	0	24.1	30.7	-6.6	125	252	377	197	259	457	-80	4	187.8	172.9	-21	92.0	96.1	147.7	18
TEXAS A&M	6	3	0	4	4	1	34.4	21.9	12.5	159	264	423	142	193	335	87	1	205.3	171.0	-6	106.1	106.2	158.4	15
TULANE	6	3	0	7	2	0	36.4	25.4	11.0	261	212	474	167	197	364	109	-1	172.3	167.4	6	108.3	106.4	145.4	-2
UCLA	4	5	0	4	4	1	29.3	32.0	-2.7	171	236	406	137	294	432	-25	-4	184.0	187.3	3	99.2	98.4	150.3	1
UNLV	2	7	0	4	5	0	23.6	34.4	-10.9	163	214	377	205	222	427	-50	-9	163.9	166.5	-1	92.8	89.2	135.4	-29
UTAH U	8	1	0	6	3	0	33.1	12.2	20.9	208	239	446	56	190	246	200	6	193.6	174.7	13	115.1	121.0	160.0	-16