



Modeling Quarterback Passer Rating

STUDENT HANDOUT

Use the data below to rate the NFL quarterbacks in terms of all-time best passer as of the 2018 season.

	Touch downs	Pass completion	Yards gained	Attempts	Interceptions
Troy Aikman	165	2898	32942	4715	141
Kent Anderson	197	2654	32838	4475	160
*Tom Brady	512	5967	70138	9318	169
*Drew Brees	519	6559	74111	9744	233
*Sam Bradford	103	1855	19449	2967	61
Marc Bulger	122	1969	22814	3171	93
*Derek Carr	122	1716	18387	2741	87
Jay Cutler	227	3048	35133	4920	160
Kurt Cousins	125	1756	20119	2641	65
Daunte Culpepper	149	2016	24153	3199	106
Randall Cunningham	207	2429	29979	4289	134
*Andy Dalton	188	2443	28100	3921	104
Len Dawson	239	2136	28711	3741	183
Boomer Esiason	247	2969	37920	5205	184
*Joe Flacco	212	3499	38245	5670	136
Brett Favre	508	6300	71838	10169	336
Dan Fouts	254	3297	43040	5604	242
Rich Gannon	180	2533	28743	4206	104
Jeff Garcia	161	2264	25537	3676	83
Otto Graham	174	1464	23584	2626	135
Trent Green	162	2266	28475	3740	114



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David Garrard	89	1406	16003	2281	54
Brian Griese	119	1752	19440	2794	99
Matt Hasselbeck	212	3222	36638	5330	104
Sonny Jurgensen	255	2433	32224	4262	189
Colin Kaepernick	72	1011	12271	1692	30
Dave Krieg	261	3105	38147	5311	199
*Casey Keenum	61	1090	12167	1759	39
Jim Kelly	237	2874	35467	4779	175
*Andrew Luck	166	1945	23029	3208	81
* Eli Manning	357	4755	55371	7898	237
Peyton Manning	539	6125	71940	9380	251
Dan Marino	420	4967	61361	8358	252
*Marcus Mariota	69	1005	11894	1592	42
Donovan McNabb	234	3170	37276	5374	117
Steve McNair	174	2733	31304	4544	119
Joe Montana	273	3409	40551	5391	139
Warren Moon	291	3988	49325	6823	233
*Cam Newton	182	2321	28469	3891	107
Carson Palmer	294	3941	46247	6307	187
Chad Pennington	102	1632	17823	2471	64
*Matt Ryan	290	4006	46103	6131	132
* Philip Rivers	373	4481	54299	6939	174
*Aaron Rodgers	336	3520	42476	5432	80
* Ben Roethlisberger	388	4552	55527	7073	189

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Tony Romo	248	2829	34183	4335	117
*Matt Schaub	133	2098	24887	3281	90
*Alex Smith	193	3082	34068	4941	101
Roger Staubach	153	1685	22700	2958	109
*Matthew Stafford	235	3334	38144	5341	129
Bart Starr	152	1808	24718	3149	138
Ryan Tannehill	122	1796	20141	2858	72
Fran Tarkenton	342	3686	47003	6467	266
Kurt Warner	208	2666	32344	4070	128
*Russell Wilson	192	2065	25201	3211	62
*Jameis Winston	83	1127	13947	1839	57
Steve Young	232	2667	33124	4149	107

* Active in 2018

The list contains 57 players rated as top passers by some means. Different people and organizations compile different lists. For example, to be eligible to be included on one list, a quarterback must have: at least 200 touchdowns, at least 1500 passes, and at least 150 attempts. The 200 touchdown requirement eliminates 23 names from our list above and many of the younger players.

Resources

*https://en.wikipedia.org/wiki/List_of_National_Football_League_career_passer_rating_leaders
career stats at nfl.com*

Data can also be found by searching for each individual player's individual statistics.