



Reason #1 why the Wizard likes Bovada:

Excellent customer support

The thing that separates Bovada from the rest is its customer support. Many other online gaming companies outsource their support. It can be difficult getting a response from them, and if you do it is often slow and handled by somebody with little understanding of gambling or even of English. But Bovada's support is handled by Bovada, and their support staff is actually knowledgeable and helpful.

I'm so confident that you'll have a good experience with Bovada that if you have a problem getting paid and you can't resolve it with them on your own, I'll talk to them myself. I personally have known the Bovada management for about three years and always found them to be professional, friendly, and knowledgeable. I have also personally visited one of their call centers so I could see first-hand how they handle customer issues. (More on my mediation service.)

If you have a problem with any other casino besides Bovada, I can't help you. I get complaints from players of other online casinos every day who have difficulty getting paid. However that isn't my job nor my problem. If you play at Bovada after clicking through my site I'll stand behind you 100%. Any place else and you're on your own.

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♠ Wheel Poker

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Introduction

Wheel Poker is an easy-to-understand video poker variation. The player may play normally, if he wishes, in either three-play or five-play mode. However, if the player bets six coins per hand, then he will be eligible to spin the prize wheel if he gets a four of a kind on the draw.



Rules

Let's look at some screenshots from [VideoPoker.com](#) to help explain the rules. Here I was playing 5-play Bonus Poker, betting six coins per hand, for a total bet of 30 coins.



In the above image, I received four jacks on one of my hands. Before the game finished the other hands, I was prompted to press the "spin" button to determine my four of a kind bonus.



I pressed the "spin" button, and the wheel stopped on a bonus of 400 coins.



The game played out the rest of the hands. You can see I was paid 125+400=525 for the four jacks.

All games trigger the prize wheel on a natural four of a kind. In deuces wild, for purposes of the bonus, deuces are not treated as wild. In other words, a natural four of a kind, a wild five of a kind with one deuce, or four deuces would trigger the prize wheel.

Prize Wheel

Like most casino prize wheels, each slice on the wheel has what is called a "weighting." The sum of all the weights in this case is 154. The way such wheels are programmed is a random integer would be drawn from 1 to 154 and mapped to one of the slices on the wheel, with the weighting determining how many random number outcomes are assigned to it. This is also how single-line slot machine reels work as well.

The table below shows the weighting, probability, and return for each slice on the wheel. The lower right cell shows an average win of 427.922078.

Wheel Poker Prize Wheel			
Win	Weight	Probability	Return
100	5	0.032468	3.246753
150	8	0.051948	7.792208
200	18	0.116883	23.376623
250	26	0.168831	42.207792
300	21	0.136364	40.909091
400	26	0.168831	67.532468
500	22	0.142857	71.428571
600	7	0.045455	27.272727
800	9	0.058442	46.753247
1000	9	0.058442	58.441558
2000	3	0.019481	38.961039
Total	154	1.000000	427.922078

Return Tables

The following tables show the expected return for various video poker games and pay tables. I do not know if IGT, the maker of Wheel Poker, makes all of these available. The "pays" column shows the sum of the pay table win (per coin bet, based on a five-coin bet), and the average prize wheel win divided by 5. The return column is the product of the probability, win, and 5/6. The reason for dividing by 1.2 is the wins are based on a five-coin bet, but the player must bet six coins.

Wheel Poker -- 8-5 Bonus Poker				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	496,856,976	0.000025	0.016617
STRAIGHT FLUSH	50.00	1,959,853,680	0.000098	0.004097
FOUR ACES	165.58	4,199,759,088	0.000211	0.029073
FOUR 2'S, 3'S, 4'S	125.58	10,960,885,416	0.000550	0.057547
FOUR 5'S THROUGH K'S	110.58	32,967,003,156	0.001654	0.152410
FULL HOUSE	8.00	223,533,512,460	0.011214	0.074761
FLUSH	5.00	187,598,921,124	0.009411	0.039214
STRAIGHT	4.00	218,721,113,088	0.010973	0.036576
THREE OF A KIND	3.00	1,517,811,786,096	0.076145	0.190362
TWO PAIR	2.00	2,611,175,532,408	0.130996	0.218327
JACKS OR BETTER	1.00	4,232,732,552,424	0.212346	0.176955
NOTHING	0.00	10,891,072,741,284	0.546378	0.000000
TOTALS		19,933,230,517,200	1.000000	0.995938

Wheel Poker -- 7/5 Bonus Poker				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	497,556,156	0.000025	0.016641
STRAIGHT FLUSH	50.00	1,971,881,640	0.000099	0.004122
FOUR ACES	165.58	4,198,476,828	0.000211	0.029064
FOUR 2'S, 3'S, 4'S	125.58	10,928,197,848	0.000548	0.057375
FOUR 5'S THROUGH K'S	110.58	33,805,593,456	0.001696	0.156287
FULL HOUSE	7.00	204,733,959,588	0.010271	0.059914
FLUSH	5.00	190,178,598,624	0.009541	0.039753
STRAIGHT	4.00	219,027,973,644	0.010988	0.036627
THREE OF A KIND	3.00	1,533,930,493,476	0.076953	0.192384
TWO PAIR	2.00	2,608,854,215,076	0.130880	0.218133
JACKS OR BETTER	1.00	4,233,378,093,192	0.212378	0.176982
NOTHING	0.00	10,891,725,477,672	0.546410	0.000000
TOTALS		19,933,230,517,200	1.000000	0.987281

Wheel Poker -- 6/5 Bonus Poker				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	496,351,296	0.000025	0.016600
STRAIGHT FLUSH	50.00	1,991,067,036	0.000100	0.004162
FOUR ACES	165.58	4,166,145,300	0.000209	0.028840
FOUR 2'S, 3'S, 4'S	125.58	10,926,311,868	0.000548	0.057365
FOUR 5'S THROUGH K'S	110.58	33,804,406,140	0.001696	0.156282
FULL HOUSE	6.00	204,617,051,532	0.010265	0.051326
FLUSH	5.00	190,345,248,048	0.009549	0.039788
STRAIGHT	4.00	219,578,078,148	0.011016	0.036719
THREE OF A KIND	3.00	1,532,667,307,932	0.076890	0.192225
TWO PAIR	2.00	2,607,401,376,828	0.130807	0.218011
JACKS OR BETTER	1.00	4,243,531,765,752	0.212887	0.177406
NOTHING	0.00	10,883,705,407,320	0.546008	0.000000
TOTALS		19,933,230,517,200	1.000000	0.978725

Wheel Poker -- 6/5 Bonus Poker				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	496,351,296	0.000025	0.016600
STRAIGHT FLUSH	50.00	1,991,067,036	0.000100	0.004162
FOUR ACES	165.58	4,166,145,300	0.000209	0.028840
FOUR 2'S, 3'S, 4'S	125.58	10,926,311,868	0.000548	0.057365
FOUR 5'S THROUGH K'S	110.58	33,804,406,140	0.001696	0.156282
FULL HOUSE	6.00	204,617,051,532	0.010265	0.051326
FLUSH	5.00	190,345,248,048	0.009549	0.039788
STRAIGHT	4.00	219,578,078,148	0.011016	0.036719
THREE OF A KIND	3.00	1,532,667,307,932	0.076890	0.192225
TWO PAIR	2.00	2,607,401,376,828	0.130807	0.218011
JACKS OR BETTER	1.00	4,243,531,765,752	0.212887	0.177406
NOTHING	0.00	10,883,705,407,320	0.546008	0.000000
TOTALS		19,933,230,517,200	1.000000	0.978725

Wheel Poker -- 8/6 Bonus Poker Deluxe				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	475,618,416	0.000024	0.015907
STRAIGHT FLUSH	50.00	2,179,759,980	0.000109	0.004556

FOUR OF A KIND	165.58	49,943,289,120	0.002506	0.345730
FULL HOUSE	8.00	164,986,181,856	0.008277	0.055180
FLUSH	6.00	224,321,616,864	0.011254	0.056268
STRAIGHT	4.00	231,255,273,732	0.011601	0.038672
THREE OF A KIND	3.00	1,573,495,087,596	0.078938	0.197346
TWO PAIR	1.00	2,195,349,742,980	0.110135	0.091779
JACKS OR BETTER	1.00	4,547,153,334,024	0.228119	0.190099
NOTHING	0.00	10,944,070,612,632	0.549036	0.000000
TOTALS		19,933,230,517,200	1.000000	0.995538

Wheel Poker -- 8/5 Bonus Poker Deluxe				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	493,435,584	0.000025	0.016503
STRAIGHT FLUSH	50.00	2,088,737,268	0.000105	0.004366
FOUR OF A KIND	165.58	50,259,425,292	0.002521	0.347919
FULL HOUSE	8.00	166,154,940,684	0.008336	0.055571
FLUSH	5.00	192,589,267,188	0.009662	0.040257
STRAIGHT	4.00	237,144,692,508	0.011897	0.039657
THREE OF A KIND	3.00	1,586,267,078,580	0.079579	0.198948
TWO PAIR	1.00	2,212,800,728,580	0.111011	0.092509
JACKS OR BETTER	1.00	4,564,730,498,976	0.229001	0.190834
NOTHING	0.00	10,920,701,712,540	0.547864	0.000000
TOTALS		19,933,230,517,200	1.000000	0.986563

Wheel Poker -- 9/7/5 Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	412,431,660	0.000021	0.013794
STRAIGHT FLUSH	50.00	2,166,438,036	0.000109	0.004529
FOUR ACES	245.58	4,589,894,304	0.000230	0.047124
FOUR 2'S, 3'S, 4'S	165.58	10,787,886,096	0.000541	0.074679
FOUR 5'S THROUGH K'S	135.58	34,212,408,372	0.001716	0.193925
FULL HOUSE	9.00	162,716,657,364	0.008163	0.061223
FLUSH	7.00	262,997,359,584	0.013194	0.076965
STRAIGHT	5.00	285,765,633,792	0.014336	0.059734
THREE OF A KIND	3.00	1,547,604,571,020	0.077639	0.194099
TWO PAIR	1.00	2,140,982,816,220	0.107408	0.089506
JACKS OR BETTER	1.00	4,295,266,714,152	0.215483	0.179569
NOTHING	0.00	11,185,727,706,600	0.561160	0.000000
TOTALS		19,933,230,517,200	1.000000	0.995146

Wheel Poker -- 9/6/5 Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	472,141,872	0.000024	0.015791
STRAIGHT FLUSH	50.00	2,125,984,488	0.000107	0.004444
FOUR ACES	245.58	4,618,032,300	0.000232	0.047413
FOUR 2'S, 3'S, 4'S	165.58	10,795,848,492	0.000542	0.074734
FOUR 5'S THROUGH K'S	135.58	34,369,667,628	0.001724	0.194817
FULL HOUSE	9.00	163,936,422,756	0.008224	0.061682
FLUSH	6.00	221,112,633,000	0.011093	0.055463
STRAIGHT	5.00	292,246,668,600	0.014661	0.061089
THREE OF A KIND	3.00	1,558,300,246,668	0.078176	0.195440
TWO PAIR	1.00	2,160,308,106,396	0.108377	0.090314
JACKS OR BETTER	1.00	4,406,125,042,260	0.221044	0.184204
NOTHING	0.00	11,078,819,722,740	0.555796	0.000000
TOTALS		19,933,230,517,200	1.000000	0.985390

Wheel Poker -- 9/7/4 Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	412,520,424	0.000021	0.013797
STRAIGHT FLUSH	50.00	2,147,777,472	0.000108	0.004490
FOUR ACES	245.58	4,657,365,948	0.000234	0.047817
FOUR 2'S, 3'S, 4'S	165.58	10,798,385,148	0.000542	0.074751
FOUR 5'S THROUGH K'S	135.58	34,273,091,520	0.001719	0.194269
FULL HOUSE	9.00	163,435,137,480	0.008199	0.061493
FLUSH	7.00	280,707,468,084	0.014082	0.082147
STRAIGHT	4.00	221,336,095,656	0.011104	0.037013
THREE OF A KIND	3.00	1,560,144,498,312	0.078269	0.195671
TWO PAIR	1.00	2,169,451,444,392	0.108836	0.090697
JACKS OR BETTER	1.00	4,361,842,018,908	0.218823	0.182352
NOTHING	0.00	11,124,024,713,856	0.558064	0.000000
TOTALS		19,933,230,517,200	1.000000	0.984498

Wheel Poker -- 9/6/4 Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	477,823,800	0.000024	0.015981

STRAIGHT FLUSH	50.00	2,170,179,924	0.000109	0.004536
FOUR ACES	245.58	4,692,461,688	0.000235	0.048177
FOUR 2'S, 3'S, 4'S	165.58	10,809,460,056	0.000542	0.074828
FOUR 5'S THROUGH K'S	135.58	34,487,723,784	0.001730	0.195486
FULL HOUSE	9.00	165,135,059,208	0.008284	0.062133
FLUSH	6.00	224,684,350,416	0.011272	0.056359
STRAIGHT	4.00	227,737,827,636	0.011425	0.038083
THREE OF A KIND	3.00	1,575,227,285,664	0.079025	0.197563
TWO PAIR	1.00	2,197,486,814,256	0.110242	0.091869
JACKS OR BETTER	1.00	4,529,358,671,544	0.227227	0.189355
NOTHING	0.00	10,960,962,859,224	0.549884	0.000000
TOTALS		19,933,230,517,200	1.000000	0.974371

Wheel Poker -- 9/6/4 Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	477,658,164	0.000024	0.015975
STRAIGHT FLUSH	50.00	2,158,437,828	0.000108	0.004512
FOUR ACES WITH ANY 2,3,4	485.58	1,234,469,832	0.000062	0.025060
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	245.58	2,928,392,724	0.000147	0.030066
FOUR ACES	245.58	3,481,422,384	0.000175	0.035744
FOUR 2'S, 3'S, 4'S	165.58	7,882,253,616	0.000395	0.054565
FOUR 5'S THROUGH K'S	135.58	34,480,069,956	0.001730	0.195442
FULL HOUSE	9.00	165,191,873,904	0.008287	0.062154
FLUSH	6.00	224,571,241,668	0.011266	0.056331
STRAIGHT	4.00	226,656,242,616	0.011371	0.037903
THREE OF A KIND	3.00	1,575,859,207,128	0.079057	0.197642
TWO PAIR	1.00	2,198,263,021,704	0.110281	0.091901
JACKS OR BETTER	1.00	4,526,270,967,276	0.227072	0.189226
NOTHING	0.00	10,963,775,258,400	0.550025	0.000000
TOTALS		19,933,230,517,200	1.000000	0.996521

Wheel Poker -- 8/6/4 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	477,646,812	0.000024	0.015975
STRAIGHT FLUSH	50.00	2,162,173,668	0.000108	0.004520
FOUR ACES WITH ANY 2,3,4	485.58	1,234,354,248	0.000062	0.025058
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	245.58	2,928,379,308	0.000147	0.030066
FOUR ACES	245.58	3,481,038,480	0.000175	0.035740
FOUR 2'S, 3'S, 4'S	165.58	7,882,253,616	0.000395	0.054565
FOUR 5'S THROUGH K'S	135.58	34,476,291,804	0.001730	0.195421
FULL HOUSE	8.00	165,155,297,760	0.008285	0.055236
FLUSH	6.00	224,646,356,820	0.011270	0.056350
STRAIGHT	4.00	228,980,540,880	0.011487	0.038291
THREE OF A KIND	3.00	1,575,309,543,288	0.079029	0.197573
TWO PAIR	1.00	2,196,897,239,880	0.110213	0.091844
JACKS OR BETTER	1.00	4,520,331,975,492	0.226774	0.188978
NOTHING	0.00	10,969,267,425,144	0.550301	0.000000
TOTALS		19,933,230,517,200	1.000000	0.989616

Wheel Poker -- 9/5 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	496,653,156	0.000025	0.016611
STRAIGHT FLUSH	50.00	1,998,649,656	0.000100	0.004178
FOUR ACES WITH ANY 2,3,4	485.58	1,239,733,548	0.000062	0.025167
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	245.58	2,967,541,644	0.000149	0.030468
FOUR ACES	245.58	3,497,855,436	0.000175	0.035912
FOUR 2'S, 3'S, 4'S	165.58	7,997,739,060	0.000401	0.055364
FOUR 5'S THROUGH K'S	135.58	34,565,941,644	0.001734	0.195929
FULL HOUSE	9.00	166,206,146,724	0.008338	0.062536
FLUSH	5.00	199,842,965,928	0.010026	0.041773
STRAIGHT	4.00	226,655,274,084	0.011371	0.037902
THREE OF A KIND	3.00	1,586,910,350,748	0.079611	0.199028
TWO PAIR	1.00	2,214,111,066,444	0.111076	0.092564
JACKS OR BETTER	1.00	4,548,361,445,856	0.228180	0.190150
NOTHING	0.00	10,938,379,153,272	0.548751	0.000000
TOTALS		19,933,230,517,200	1.000000	0.987582

Wheel Poker -- 8/5 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return

ROYAL FLUSH	800.00	496,463,760	0.000025	0.016604
STRAIGHT FLUSH	50.00	2,017,005,420	0.000101	0.004216
FOUR ACES WITH ANY 2,3,4	485.58	1,238,524,776	0.000062	0.025143
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	245.58	2,967,162,516	0.000149	0.030464
FOUR ACES	245.58	3,493,922,784	0.000175	0.035872
FOUR 2'S, 3'S, 4'S	165.58	7,996,939,128	0.000401	0.055359
FOUR 5'S THROUGH K'S	135.58	34,554,699,552	0.001734	0.195866
FULL HOUSE	8.00	166,091,471,460	0.008332	0.055549
FLUSH	5.00	200,419,006,020	0.010055	0.041894
STRAIGHT	4.00	232,318,510,452	0.011655	0.038849
THREE OF A KIND	3.00	1,585,342,714,824	0.079533	0.198832
TWO PAIR	1.00	2,210,567,288,688	0.110899	0.092415
JACKS OR BETTER	1.00	4,534,571,020,968	0.227488	0.189573
NOTHING	0.00	10,951,155,786,852	0.549392	0.000000
TOTALS		19,933,230,517,200	1.000000	0.980636

Wheel Poker -- 9/5 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	404,353,272	0.000020	0.013524
STRAIGHT FLUSH	50.00	2,169,539,040	0.000109	0.004535
FOUR ACES WITH ANY 2,3,4	885.58	1,403,350,536	0.000070	0.051956
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	485.58	3,439,365,996	0.000173	0.069821
FOUR ACES	245.58	2,955,733,356	0.000148	0.030346
FOUR 2'S, 3'S, 4'S	165.58	6,377,013,876	0.000320	0.044145
FOUR 5'S THROUGH K'S	135.58	32,326,387,608	0.001622	0.183235
FULL HOUSE	9.00	208,879,304,364	0.010479	0.078592
FLUSH	7.00	289,155,149,328	0.014506	0.084619
STRAIGHT	4.00	237,549,522,168	0.011917	0.039724
THREE OF A KIND	2.00	1,495,466,096,028	0.075024	0.125040
TWO PAIR	1.00	2,429,093,207,484	0.121861	0.101551
JACKS OR BETTER	1.00	4,027,040,542,764	0.202026	0.168355
NOTHING	0.00	11,196,970,951,380	0.561724	0.000000
TOTALS		19,933,230,517,200	1.000000	0.995443

Wheel Poker -- 9-6 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	473,880,792	0.000024	0.015849
STRAIGHT FLUSH	50.00	2,137,044,432	0.000107	0.004467
FOUR ACES WITH ANY 2,3,4	885.58	1,405,319,856	0.000071	0.052029
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	485.58	3,449,191,632	0.000173	0.070020
FOUR ACES	245.58	2,981,934,540	0.000150	0.030615
FOUR 2'S, 3'S, 4'S	165.58	6,410,490,444	0.000322	0.044376
FOUR 5'S THROUGH K'S	135.58	32,569,439,088	0.001634	0.184613
FULL HOUSE	9.00	210,900,877,416	0.010580	0.079353
FLUSH	6.00	222,043,448,496	0.011139	0.055697
STRAIGHT	4.00	250,520,295,576	0.012568	0.041893
THREE OF A KIND	2.00	1,512,943,558,224	0.075901	0.126501
TWO PAIR	1.00	2,460,766,997,664	0.123450	0.102875
JACKS OR BETTER	1.00	4,221,181,311,948	0.211766	0.176472
NOTHING	0.00	11,005,446,727,092	0.552116	0.000000
TOTALS		19,933,230,517,200	1.000000	0.984760

Wheel Poker -- 9-5 Double Double Bonus				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	492,858,240	0.000025	0.016484
STRAIGHT FLUSH	50.00	2,016,939,756	0.000101	0.004216
FOUR ACES WITH ANY 2,3,4	885.58	1,410,702,252	0.000071	0.052228
FOUR 2'S, 3'S, 4'S WITH ANY A,2,3,4	485.58	3,479,566,488	0.000175	0.070637
FOUR ACES	245.58	2,997,340,236	0.000150	0.030774
FOUR 2'S, 3'S, 4'S	165.58	6,500,249,676	0.000326	0.044998
FOUR 5'S THROUGH K'S	135.58	32,576,475,264	0.001634	0.184652
FULL HOUSE	9.00	211,442,867,820	0.010608	0.079557
FLUSH	5.00	204,095,151,144	0.010239	0.042662
STRAIGHT	4.00	255,474,217,044	0.012816	0.042722
THREE OF A KIND	2.00	1,518,550,580,376	0.076182	0.126970
TWO PAIR	1.00	2,467,822,812,624	0.123804	0.103170
JACKS OR BETTER	1.00	4,231,618,409,376	0.212290	0.176908
NOTHING	0.00	10,994,752,346,904	0.551579	0.000000

TOTALS		19,933,230,517,200	1.000000	0.975977
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Wheel Poker — 25-16-10 Deuces Wild				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	456,485,484	0.000023	0.015267
FOUR DEUCES	285.58	3,984,953,448	0.000200	0.047577
WILD ROYAL FLUSH	25.00	38,516,948,880	0.001932	0.040256
FIVE OF A KIND WITH ONE DEUCE	101.58	6,909,955,872	0.000347	0.029346
FIVE OF A KIND	16.00	55,363,431,600	0.002777	0.037033
STRAIGHT FLUSH	10.00	92,291,298,768	0.004630	0.038584
NATURAL FOUR OF A KIND	89.58	34,273,754,400	0.001719	0.128362
WILD FOUR OF A KIND	4.00	1,246,199,978,496	0.062519	0.208396
FULL HOUSE	4.00	400,265,556,696	0.020080	0.066934
FLUSH	3.00	367,304,070,996	0.018427	0.046067
STRAIGHT	2.00	1,059,520,664,628	0.053153	0.088589
THREE OF A KIND	1.00	5,691,601,591,440	0.285533	0.237944
NOTHING	0.00	10,936,541,826,492	0.548659	0.000000
TOTALS		19,933,230,517,200	1.000000	0.984354

Wheel Poker — 25-15-9 Deuces Wild				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	456,720,672	0.000023	0.015275
FOUR DEUCES	285.58	4,018,106,964	0.000202	0.047973
WILD ROYAL FLUSH	25.00	38,694,467,808	0.001941	0.040442
FIVE OF A KIND WITH ONE DEUCE	100.58	6,912,716,784	0.000347	0.029068
FIVE OF A KIND	15.00	55,535,292,432	0.002786	0.034826
STRAIGHT FLUSH	9.00	89,722,855,476	0.004501	0.033759
NATURAL FOUR OF A KIND	89.58	34,264,097,148	0.001719	0.128325
WILD FOUR OF A KIND	4.00	1,249,372,538,208	0.062678	0.208926
FULL HOUSE	4.00	400,069,068,624	0.020070	0.066902
FLUSH	3.00	363,573,573,876	0.018240	0.045599
STRAIGHT	2.00	1,063,525,651,524	0.053354	0.088924
THREE OF A KIND	1.00	5,690,637,621,132	0.285485	0.237904
NOTHING	0.00	10,936,447,806,552	0.548654	0.000000
TOTALS		19,933,230,517,200	1.000000	0.977923

Wheel Poker — 20-12-10 Deuces Wild				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	446,997,732	0.000022	0.014950
FOUR DEUCES	285.58	3,934,734,780	0.000197	0.046978
WILD ROYAL FLUSH	20.00	34,399,824,096	0.001726	0.028763
FIVE OF A KIND WITH ONE DEUCE	97.58	6,893,726,496	0.000346	0.028124
FIVE OF A KIND	12.00	55,085,666,904	0.002764	0.027635
STRAIGHT FLUSH	10.00	101,285,637,840	0.005081	0.042344
NATURAL FOUR OF A KIND	89.58	34,251,101,628	0.001718	0.128277
WILD FOUR OF A KIND	4.00	1,242,816,080,976	0.062349	0.207830
FULL HOUSE	4.00	398,387,843,136	0.019986	0.066620
FLUSH	3.00	368,281,058,508	0.018476	0.046189
STRAIGHT	2.00	1,098,079,677,348	0.055088	0.091813
THREE OF A KIND	1.00	5,661,840,350,856	0.284040	0.236700
NOTHING	0.00	10,927,527,816,900	0.548207	0.000000
TOTALS		19,933,230,517,200	1.000000	0.966222

Wheel Poker — 25-16-13 Deuces Wild				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	442,622,820	0.000022	0.014804
FOUR DEUCES	285.58	3,893,607,000	0.000195	0.046487
WILD ROYAL FLUSH	25.00	34,800,192,072	0.001746	0.036372
FIVE OF A KIND WITH ONE DEUCE	101.58	6,891,192,336	0.000346	0.029266
FIVE OF A KIND	16.00	54,807,812,784	0.002750	0.036661
STRAIGHT FLUSH	13.00	108,516,776,460	0.005444	0.058977
NATURAL FOUR OF A KIND	89.58	34,231,348,200	0.001717	0.128203
WILD FOUR OF A KIND	4.00	1,238,104,780,512	0.062113	0.207042
FULL HOUSE	3.00	397,818,330,480	0.019958	0.049894
FLUSH	2.00	336,239,550,360	0.016868	0.028114
STRAIGHT	2.00	1,115,432,701,440	0.055958	0.093264
THREE OF A KIND	1.00	5,651,411,640,000	0.283517	0.236264

NOTHING	0.00	10,950,639,962,736	0.549366	0.000000
TOTALS		19,933,230,517,200	1.000000	0.965346

Wheel Poker — 9-4-4-3 Bonus Deuces				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	463,040,688	0.000023	0.015486
FOUR DEUCES WITH AN ACE	485.58	528,524,520	0.000027	0.010729
FOUR DEUCES	285.58	3,298,452,432	0.000165	0.039381
WILD ROYAL FLUSH	25.00	41,200,831,944	0.002067	0.043061
FIVE ACES WITH ONE DEUCE	165.58	591,058,236	0.000030	0.004092
FIVE 3'S, 4'S, 5'S WITH ONE DEUCE	125.58	1,775,661,396	0.000089	0.009323
FIVE 6'S THRU K'S WITH ONE DEUCE	105.58	4,591,724,448	0.000230	0.020268
FIVE ACES	80.00	5,957,313,984	0.000299	0.019924
FIVE 3'S, 4'S, 5'S	40.00	14,501,295,648	0.000727	0.024250
FIVE 6'S THRU K'S	20.00	38,170,310,616	0.001915	0.031915
STRAIGHT FLUSH	9.00	78,646,870,896	0.003946	0.029591
NATURAL FOUR OF A KIND	89.58	34,397,898,120	0.001726	0.128827
WILD FOUR OF A KIND	4.00	1,278,482,410,992	0.064138	0.213794
FULL HOUSE	4.00	405,422,335,224	0.020339	0.067797
FLUSH	3.00	364,442,991,600	0.018283	0.045708
STRAIGHT	1.00	811,241,613,672	0.040698	0.033915
THREE OF A KIND	1.00	5,875,097,042,772	0.294739	0.245616
NOTHING	0.00	10,974,421,140,012	0.550559	0.000000
TOTALS		19,933,230,517,200	1.000000	0.983677

Wheel Poker — 8-4-4-3 Bonus Deuces				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	463,158,432	0.000023	0.015490
FOUR DEUCES WITH AN ACE	485.58	545,742,804	0.000027	0.011079
FOUR DEUCES	285.58	3,239,084,688	0.000162	0.038672
WILD ROYAL FLUSH	25.00	41,368,306,824	0.002075	0.043236
FIVE ACES WITH ONE DEUCE	165.58	591,062,076	0.000030	0.004092
FIVE 3'S, 4'S, 5'S WITH ONE DEUCE	125.58	1,775,718,996	0.000089	0.009323
FIVE 6'S THRU K'S WITH ONE DEUCE	105.58	4,596,926,448	0.000231	0.020291
FIVE ACES	80.00	6,140,746,440	0.000308	0.020538
FIVE 3'S, 4'S, 5'S	40.00	14,441,076,144	0.000724	0.024149
FIVE 6'S THRU K'S	20.00	38,054,637,864	0.001909	0.031818
STRAIGHT FLUSH	8.00	77,285,505,816	0.003877	0.025848
NATURAL FOUR OF A KIND	89.58	34,402,718,868	0.001726	0.128845
WILD FOUR OF A KIND	4.00	1,279,417,622,208	0.064185	0.213951
FULL HOUSE	4.00	405,842,654,520	0.020360	0.067867
FLUSH	3.00	362,364,884,232	0.018179	0.045447
STRAIGHT	1.00	809,143,170,864	0.040593	0.033827
THREE OF A KIND	1.00	5,882,869,822,836	0.295129	0.245941
NOTHING	0.00	10,970,687,677,140	0.550372	0.000000
TOTALS		19,933,230,517,200	1.000000	0.980414

Wheel Poker — 13-4-3-3 Bonus Deuces				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	463,345,188	0.000023	0.015497
FOUR DEUCES WITH AN ACE	485.58	453,609,084	0.000023	0.009208
FOUR DEUCES	285.58	3,436,526,268	0.000172	0.041029
WILD ROYAL FLUSH	25.00	39,126,101,352	0.001963	0.040893
FIVE ACES WITH ONE DEUCE	165.58	589,679,820	0.000030	0.004082
FIVE 3'S, 4'S, 5'S WITH ONE DEUCE	125.58	1,768,357,428	0.000089	0.009284
FIVE 6'S THRU K'S WITH ONE DEUCE	105.58	4,554,960,432	0.000229	0.020106
FIVE ACES	80.00	5,188,848,696	0.000260	0.017354
FIVE 3'S, 4'S, 5'S	40.00	14,522,964,336	0.000729	0.024286
FIVE 6'S THRU K'S	20.00	37,003,610,736	0.001856	0.030940
STRAIGHT FLUSH	13.00	97,210,256,436	0.004877	0.052832
NATURAL FOUR OF A KIND	89.58	34,397,343,120	0.001726	0.128824
WILD FOUR OF A KIND	4.00	1,260,232,768,080	0.063223	0.210742
FULL HOUSE	3.00	403,503,519,744	0.020243	0.050607

Wheel Poker - Wizard of Odds

FLUSH	3.00	379,674,536,184	0.019047	0.047618
STRAIGHT	1.00	824,547,863,736	0.041365	0.034471
THREE OF A KIND	1.00	5,826,406,511,508	0.292296	0.243580
NOTHING	0.00	11,000,149,715,052	0.551850	0.000000
TOTALS		19,933,230,517,200	1.000000	0.981355

Wheel Poker — 12-4-3-3 Bonus Deuces				
Hand	Pays	Combinations	Probability	Return
ROYAL FLUSH	800.00	463,356,300	0.000023	0.015497
FOUR DEUCES WITH AN ACE	485.58	453,011,076	0.000023	0.009307
FOUR DEUCES	285.58	3,432,328,572	0.000172	0.040934
WILD ROYAL FLUSH	25.00	39,713,850,072	0.001992	0.041500
FIVE ACES WITH ONE DEUCE	165.58	590,211,852	0.000030	0.004140
FIVE 3'S, 4'S, 5'S WITH ONE DEUCE	125.58	1,769,654,724	0.000089	0.009314
FIVE 6'S THRU K'S WITH ONE DEUCE	105.58	4,558,015,296	0.000229	0.020149
FIVE ACES	80.00	5,202,932,832	0.000261	0.017400
FIVE 3'S, 4'S, 5'S	40.00	14,564,737,368	0.000731	0.024367
FIVE 6'S THRU K'S	20.00	38,215,830,240	0.001917	0.031950
STRAIGHT FLUSH	12.00	93,552,779,472	0.004693	0.046930
NATURAL FOUR OF A KIND	89.58	34,397,333,064	0.001726	0.128852
WILD FOUR OF A KIND	4.00	1,264,364,771,184	0.063430	0.211433
FULL HOUSE	3.00	403,596,694,944	0.020247	0.050618
FLUSH	3.00	375,633,027,204	0.018845	0.047113
STRAIGHT	1.00	815,021,073,684	0.040888	0.034073
THREE OF A KIND	1.00	5,836,599,262,260	0.292807	0.244006
NOTHING	0.00	11,001,101,647,056	0.551898	0.000000
TOTALS	0.00	19,933,230,517,200	1.000001	0.977582

Return Tables

The next table summarizes the 5-coin and 6-coin returns for all the above games. The right column shows the optimal number of coins to bet to maximize the return. Note that that player usually should bet the sixth coin, except with some deuces wild games.

Wheel Poker Summary			
Game	5-Coin Return	6-Coin Return	Best Bet
8/5 Bonus Poker	0.988487	0.995938	6
7/5 Bonus Poker	0.974644	0.987281	6
6/5 Bonus Poker	0.964528	0.978725	6
8/6 Bonus Poker Deluxe	0.980211	0.995538	6
8/5 Bonus Poker Deluxe	0.968084	0.986563	6
9/7/5 Double Bonus	0.981257	0.995146	6
9/6/5 Double Bonus	0.968720	0.985390	6
9/7/4 Double Bonus	0.967884	0.984498	6
9/6/4 Double Bonus	0.954612	0.974371	6
9/6 Double Double Bonus	0.981120	0.996521	6
8/6 Double Double Bonus	0.972851	0.989616	6
9/5 Double Double Bonus	0.969267	0.987582	6
8/5 Double Double Bonus	0.961006	0.980636	6
9/7 Triple Double Bonus	0.994874	0.995443	6
9/6 Triple Double Bonus	0.980704	0.984760	6
9/5 Triple Double Bonus	0.969529	0.975977	6
25/16/10/4/4/3 Deuces Wild	0.987291	0.984354	5
25/15/9/4/4/3 Deuces Wild	0.979461	0.977923	5
20/12/10/4/4/3 Deuces Wild	0.965915	0.966222	6
25/16/13/4/3/2 Deuces Wild	0.965136	0.965346	6
9/4/4/3 Bonus Deuces Wild	0.986415	0.983677	5

8/4/4/3 Bonus Deuces Wild	0.982638	0.980414	5
13/4/3/3 Bonus Deuces Wild	0.983555	0.981355	5
12/4/3/3 Bonus Deuces Wild	0.978793	0.977386	5

Volatility

The Prize Wheel increases the standard deviation significantly. For example, in conventional 5-coin 8/5 Bonus Poker, the standard deviation is 4.57. The standard deviation in the same game with the sixth coin bet is 7.84, measured in 5-coin bet units. In other words, increasing the bet by 20% increases the volatility by 72%.

Links

[More About Wheel Poker](#), article by Bob Dancer.

Acknowledgements

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