

Bet	True Odds	Payoff Odds	% Casino Advantage
Multiple Roll Bets			
Pass or Come	251 to 244	1 to 1	1.414
with free odds			0.848
with double odds			0.606
Don't Pass or Don't Come	976 to 949	1 to 1	1.402
with free odds			0.832
with double odds			0.591
Place 4 or 10 to win	2 to 1	9 to 5	6.666
5 or 9	3 to 2	7 to 5	4.000
6 or 8	6 to 5	7 to 6	1.515
Place 4 or 10 to lose	1 to 2	5 to 11	3.030
5 or 9	2 to 3	5 to 8	2.500
6 or 8	5 to 6	4 to 5	1.818
Hardway 4 or 10	8 to 1	7 to 1	11.111
6 or 8	10 to 1	9 to 1	9.090
Big 6 or Big 8	6 to 5	1 to 1	9.090
Buy 4 or 10	2 to 1	True odds less 5% of bet	4.761
5 or 9	3 to 2	True odds less 5% of bet	4.761
6 or 8	6 to 5	True odds less 5% of bet	4.761
Lay 4 or 10	1 to 2	True odds less 5% of payoff	2.439
5 or 9	2 to 3	True odds less 5% of payoff	3.225
6 or 8	5 to 6	True odds less 5% of payoff	4.000
Single Roll Bets			
Field	5 to 4	1 to 1, 2 to 1 on 2 and 12	5.556
Any 7	5 to 1	4 to 1	16.666
2 or 12	35 to 1	30 to 1	13.890
3 or 11	17 to 1	15 to 1	11.111
Any craps	8 to 1	7 to 1	11.111

Table 1.1. True Odds, Payoff Odds, and Casino Advantage at Craps. Source: Patterson and Jaye (1982) and Dunes Hotel (1984).