Texas Hold'em Preflop: Odds of being dealt a certain starting hand

Being dealt ...	Probability	Formula
Pairs		
Aces (or another specific pair)	0.452% (1 : 220)	$6 \times \binom{52}{2}^{-1}$
Aces or Kings	0.905% (1 : 110)	$2 \times 6 \times \binom{52}{2}^{-1}$
A premium pair (QQ+)	1.36% (1 : 73)	$3 \times 6 \times \binom{52}{2}^{-1}$
Any pair	5.88% (1 : 16)	$13 \times 6 \times \binom{52}{2}^{-1}$
Suited cards		
A♥K♥ (or another specific suited hand)	0.302% (1 : 331)	$4 \times \binom{52}{2}^{-1}$
Any suited connector (54s - JTs)	2.11% (1 : 46)	$7 \times 4 \times \binom{52}{2}^{-1}$
Any suited hand	23.5% (1 : 3.3)	$\binom{13}{2} \times 4 \times \binom{52}{2}^{-1}$
Off-suit cards		
A♠K♦ (or another specific unpaired off-suit hand)	0.905% (1 : 110)	$12 \times \binom{52}{2}^{-1}$
Any offsuit hand	70.6% (2.4 : 1)	$\binom{13}{2} \times 12 \times \binom{52}{2}^{-1}$
Other combinations		
Ace-King (suited or off-suit) (or any specific other two unpaired cards)	1.21% (1 : 82)	$16 \times \binom{52}{2}^{-1}$
Queens or better or ace-king	2.56% (1 : 38)	$(3 \times 6 + 16) \times \binom{52}{2}^{-1}$
2 cards ten or better ("broadway cards")	14.3% (1 : 6.0)	$\binom{5 \times 4}{2} \times \binom{52}{2}^{-1}$
2 cards nine or lower	37.4% (1 : 1.7)	$\binom{8 \times 4}{2} \times \binom{52}{2}^{-1}$