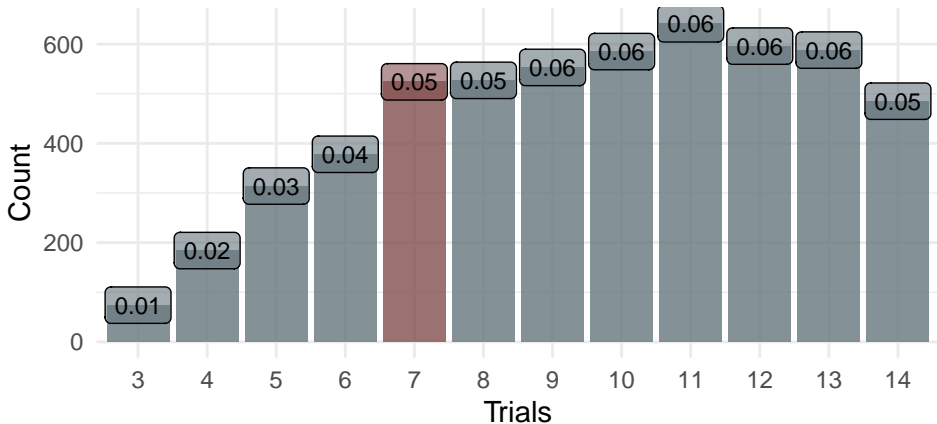


# Negative-Binomial Distribution

$P(X=7)$  trials to reach 3 successes when  $p = 0.2$  is 0.0492.



Simulation from  $n = 10,000$  negative-binomial random samples.