

All Research from the 2020-21 - 2022-23 Regular Seasons

- Teams who choose to foul win 93% of the time (40/43. Losers were to Dame, Luka, and accidental 4 point play)
- Teams who choose to not foul win 88% of the time
- Teams choose to foul 15% of the time
- 295 decisions in the last 3 seasons (3 per team per season)
- Employing this strategy adds an estimated 1 win every 6 seasons
- There is a 83% chance that fouling is the better strategy
- Dallas and Phoenix are the only teams that foul at least half the time
- 15 teams have never fouled (3-12 opportunities)
- The Bucks chose to foul 0 out of 9 opportunities
- The risk of accidentally fouling a jump shooter when intentionally fouling with at least 5 seconds is 9% (4/43 times)
- 62% of team attempts in these situations are Above the Break Threes
- 81% of their attempts are Threes
- Defenses that give up 2-point attempts win 88% of the time
- Average *expected* eFG% on shot attempts is 42% (12% below league average)
- Average *actual* eFG% on shot attempts is 36% (6% below expected)
- Avg. pts allowed when we foul: 1.47
- Avg. pts allowed when we don't foul: 0.76
- BUT: we give up 3 points 16% of the time when we don't foul
- We give up 3 points 2% of the time when we don't foul
- Win% as a function of points conceded: 0 points: 95%, 1 point: 88%, 2 points: 87%, 3+ points: 65%
- THIS IS MAIN TAKEAWAY: we are expected to give up more points when we foul (this is why this is a debate).. However, in the final seconds of the game, all points are NOT created equal. When up 3, giving up 3 is WAY more detrimental than giving up 2 (22% change in Win Prob)