# Time manipulation in the NBA: Going two-for-one

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#### Abstract

NBA teams can use the differential between the shot clock and game clock to their advantage at the end of quarter by going two-for-one. Even if it means rushing the ball up the court to run a play, getting two possessions against the opponent's one pays its dividends by giving teams a few extra points before the buzzer. Using play-by-play data from the 2011-12 NBA regular season, end-of-quarter situations were identified to observe the teams that go two-for-one, those that ignore it, and the point differential for every situation. Teams should always go two-for-one instead of holding the ball for a methodical single possession because it is a riskless strategy that can reward a team greatly.

#### 1 Introduction

In a basketball game, time can be as much of an adversary as the opposing team. However, the clock can become a team's ally if it decides to employ a strategy commonly referred to as the "two-for-one."

Take what happened in the final moments of the third quarter in a 2013 NBA playoff game between the Houston Rockets and Oklahoma City Thunder. With the game clock stopped at 35.9 seconds and the 24-second shot clock at its maximum, Rockets guard James Harden stood 90 feet from his basket waiting for an inbounds pass. His teammate softly inbounded the ball and Harden followed it without touching it. Since Harden's defender waited on the other side of the court, and NBA rules dictate that neither clock starts until the first touch after the inbounds pass, Harden let the ball roll at his feet.

After 12 seconds of real time during which the ball traveled across more than half the court, Harden grabbed the ball, took one dribble and quickly fired a successful 3-pointer. In NBA time, the play took 2.7 seconds. The ball went back to the Thunder with 33.2 on the game clock and a full shotclock. The nine-second difference between the two clocks meant that Houston would likely have the last possession of the quarter.



Figure 1: Houston guard James Harden goes two-for-one against Oklahoma City by letting the ball roll up the court before firing a shot with a 12-second differential between the game clock and shot clock. The Rockets outscored the Thunder 5-2 in this two-for-one.

Oklahoma City methodically dribbled the ball up the court before Thunder forward Kevin Durant hit a 2-pointer, giving the Rockets the ball with 9.8 seconds left to run the final play of the third quarter. Just before the buzzer, Rockets guard Aaron Brooks hit a running jumper.

In that sequence of events, the Rockets outscored the Thunder, 5-2. This was an instance of a successfully executed two-for-one. By noting the differential between the game clock and shot clock – and not wasting game clock time bringing the ball up the court – the Rockets almost guaranteed themselves a second shot attempt at the end of the quarter by taking a quick shot with their first possession, giving them two chances to score against the Thunder's one. The end result for the Rockets was more than twice as many points.

Is the two-for-one an advantageous strategy? That question is analogous to the following: Is hurrying to take a quick shot in the name of getting a second shot better than taking your time for a single quality possession?

In this paper, we aim to quantify the advantage of going two-for-one by looking at end-of-quarter strategy in the NBA. We also look at which teams employ the strategy the most and which teams decide against it.

### 2 Defining the two-for-one

For the purposes of this study, the following applies for defining a "two-for-one":

1. A two-for-one can happen in the last 35 seconds of the first, second or third quarter.

Fourth quarters and overtimes were excluded because end-game strategy differs significantly from game flow in the earlier quarters.

2. The team in possession of the ball at the 35-second mark can initiate a two-for-one by ending its possession before the 28-second mark.

A possession is defined as a sequence of events that concludes with a made or missed field-goal, a turnover or free-throw attempts.

Using the NBA shotclock, which requires the offense to shoot within 24 seconds of getting the ball, a successfully executed two-for-one would leave the initiating team with a possession between four to 11 seconds in length, based on this definition.

3. If the team that had the ball at the 35-second mark doesn't end its possession until after the 28-second mark, the initiating team has ignored the two-for-one and the play is classified as a "one-for-one."

### 3 Data

End-of-quarter play sequences were extracted from a play-by-play list of 978 regular-season games during the 2011-12 NBA season available on basketball-value.com. Each sequence was classified as a two-for-one or one-for-one based on the above definition. A new data set was created with a pair of entries for every sequence, noting the type of sequence, how many points each team scored, how many possessions each team had and which team initiated the play. String functions in various R packages were used to parse the data.

## 4 Analysis

Out of the 2,934 end-of-quarter sequences for the 2011-12 season (three for each of the 978 games in the data set), 1,763 were classified as two-for-ones and 1,171 were classified as one-for-ones.

Table 1: Number of possessions for each type of play

|           | Two-for-one | One-for-one |  |  |
|-----------|-------------|-------------|--|--|
| Initiator | 2.008       | 1.669       |  |  |
| Opponent  | 1.470       | 1.142       |  |  |

The mean number of possessions in both situations roughly equals what we would expect from a two-for-one or one-for-one. The opponents' possessions in a two-for-one and the initiators' possessions in a one-for-one is slightly higher than the expectation because many "last possessions" at the end of the quarter beat the buzzer with time to spare, giving the other team a truly final possession of limited value, like a full-court shot attempt.

Table 2: Mean point totals for each team

|           | Two-for-one | One-for-one           |
|-----------|-------------|-----------------------|
| Initiator | 1.931 pts   | 1.336 pts             |
| Opponent  | 1.289 pts   | $0.980 \mathrm{~pts}$ |
| Net       | +0.642  pts | +0.355  pts           |

Table 3: Testing against the alternative that initator's point total is greater than opponent's

| One-sided t-test for difference of means |             |               |  |  |  |
|--|-------------|---------------|--|--|--|
|  | Two-for-one | One-for-one   |  |  |  |
| Net                                      | +0.642  pts | +0.355  pts   |  |  |  |
| t-value                                  | 13.0891     | 6.8512        |  |  |  |
| df                                       | 3343.6      | 2278.2        |  |  |  |
| significance                             | p < 2.2e-16 | p = 4.694e-12 |  |  |  |

Teams initiating a two-for-one on average outscored their opponents by a statistically significant margin of 0.642 points at the end of a particular quarter. If a team went two-for-one over each of the first three quarters, they could gain close to two points on their opponent, which could prove valuable heading in to the fourth quarter of a close game.

However, teams that ignored the two-for-one outscored their opponents by 0.355 points on average, also a significant difference. This means that simply holding the ball the 35 second mark and running a lengthy, quality play that leaves little time for the opponent's final shot has its advantages as well.

Table 4: Testing against the alternative that two-for-one gain is greater than one-for-one gain

| One-sided t-test for difference of means |            |  |  |  |
|--|------------|--|--|--|
| H-Alt: 2-for-1 margin $>$ 1-for-1 margin |            |  |  |  |
| Difference in strategy +0.287 pts        |            |  |  |  |
| t-value                                  | 4.0516     |  |  |  |
| df                                       | 2800       |  |  |  |
| significance                             | p = .00003 |  |  |  |

If the baseline strategy is simply to hold the ball for a one-for-one, then the relative gain of a two-for-one is 0.287 points per quarter. Though small, the significance of this difference is something that should encourage teams to always go two-for-one. The expected value of a two-for-one situation is such that in a discrete scoring system like that of the NBA, on average every four plays will result in an additional one point. One point can be the difference between

the end of a season and hoisting up a championship trophy. This added expected value comes with no expected downside.

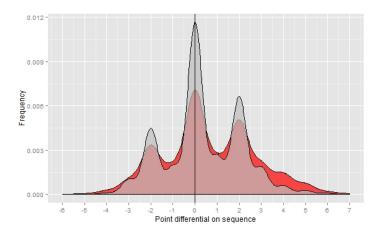


Figure 2: Point differentials of two-for-ones are represented by red and point differentials of one-for-ones are represented by gray in this density plot.

The distributions of the point differentials (Figure 2) are trimodal, with peaks at 0 (one basket each), +2 and -2 (difference of one basket). The density plot shows that the variance of two-for-one outcomes is greater than that of one-for-ones, representing the added risk of that strategy. However, two-for-ones accounted for many of the point differentials larger than +2, the most favorable end-of-quarter outcomes.

Though the two-for-one appears to be the correct strategy at the end of quarters, when examining the execution of two-for-ones on a team-by-team basis (Figure 3), results vary. Teams like the Dallas Mavericks and San Antonio Spurs took advantage of the strategy the most and reaped above-average rewards in terms of point differential. But a handful of teams notched two-for-one margins that were below the expected value of a one-for-one (Figure 3). Though they ran 58 two-for-ones over the course of the season, the Sacramento Kings managed to get outscored by seven points on those plays. The full team-by-team breakdown can be found in the Appendix.

### 5 Conclusion

The data show that teams should always be cognizant of the difference between the game clock and shot clock and go two-for-one at the end of quarters. But many teams didn't get a two-for-one return in terms of point differential. Why does this happen?

The answer to this problem likely lies in how the first possession in the twofor-one is executed. It is true that two possessions of any quality is better than

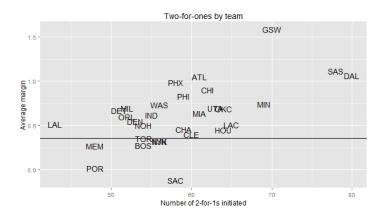


Figure 3: Average point differentials on two-for-ones for all 30 NBA teams during the 2011-12 regular season plotted against number of two-for-ones initiated. The horizontal line indicates the expected return of a one-for-one, which seven teams fell below on two-for-ones.

one methodical possession, but teams like the Spurs and Mavericks capitalize by getting two meaningful shot attempts. This is likely the result of foresight in game-planning. The Golden State Warriors, who posted the best average margin on two-for-one plays, are armed with accurate marksmen who release their shots quickly and the team uses this to its advantage. When considering the two-for-one strategy, coaches should properly draw up "quick-hitter" plays that are designed to get a shot in a hurry, and analyze the strengths of their players to see if they have any players, like Harden, who can quickly get a shot off.

In the example above, Harden showed how valuable those skills can be to properly executing a two-for-one. His play stretched Houston's lead from nine to 12 before the fourth quarter began, part of second upset win for the No. 8 seed against a No. 1 in the series.

In the NBA, teams are looking to gain every possible advantage they can. Using the clock to properly run a two-for-one is just another way to get an edge.

# Appendix

Table 5: Teams ranked by two-for-ones initiated (2011-12 season)

| Team   | Tabl | e 5: Teams ranked by   | two-ior | -ones | initiat | ea (2011 | 1-12 season) |
|--|------|------------------------|---------|-------|---------|----------|--------------|
| 2         San Antonio Spurs         78         164         77         +87         +1.12           3         Golden State Warriors         70         169         58         +111         +1.59           4         Minnesota Timberwolves         69         150         99         +51         +0.74           5         Los Angeles Clippers         65         113         80         +33         +0.51           6         Houston Rockets         64         107         78         +29         +0.45           7         Oklahoma City Thunder         64         122         78         +44         +0.69           8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59   |      | Team                   | 2for1s  | Pts   | OPts    | Margin   | Avg Marg     |
| 3   Golden State Warriors   70   169   58   +111   +1.59     4   Minnesota Timberwolves   69   150   99   +51   +0.74     5   Los Angeles Clippers   65   113   80   +33   +0.51     6   Houston Rockets   64   107   78   +29   +0.45     7   Oklahoma City Thunder   64   122   78   +44   +0.69     8   Utah Jazz   63   119   75   +44   +0.70     9   Chicago Bulls   62   121   65   +56   +0.90     10   Atlanta Hawks   61   123   59   +64   +1.05     11   Miami Heat   61   125   86   +39   +0.64     12   Cleveland Cavaliers   60   106   82   +24   +0.40     13   Charlotte Bobcats   59   127   100   +27   +0.46     14   Philadelphia 76ers   59   124   75   +49   +0.83     15   Phoenix Suns   58   130   73   +57   +0.98     16   Sacramento Kings   58   73   80   -7   -0.12     17   New Jersey Nets   56   103   85   +18   +0.32     18   New York Knicks   56   96   78   +18   +0.32     19   Washington Wizards   56   110   69   +41   +0.73     20   Indiana Pacers   55   101   67   +34   +0.62     21   Boston Celtics   54   95   80   +15   +0.28     22   New Orleans Hornets   54   96   69   +27   +0.50     23   Toronto Raptors   54   88   69   +19   +0.35     24   Denver Nuggets   53   121   92   +29   +0.55     25   Milwaukee Bucks   52   114   78   +36   +0.69     26   Orlando Magic   52   80   49   +31   +0.60     27   Detroit Pistons   51   115   81   +34   +0.67     28   Memphis Grizzlies   48   106   93   +13   +0.27     29   Portland Trailblazers   48   64   63   +1   +0.02 | 1    | Dallas Mavericks       | 80      | 155   | 70      | +85      | +1.06        |
| 4         Minnesota Timberwolves         69         150         99         +51         +0.74           5         Los Angeles Clippers         65         113         80         +33         +0.51           6         Houston Rockets         64         107         78         +29         +0.45           7         Oklahoma City Thunder         64         122         78         +44         +0.69           8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58 <td< td=""><td>2</td><td>San Antonio Spurs</td><td>78</td><td>164</td><td>77</td><td>+87</td><td>+1.12</td></td<>   | 2    | San Antonio Spurs      | 78      | 164   | 77      | +87      | +1.12        |
| 5         Los Angeles Clippers         65         113         80         +33         +0.51           6         Houston Rockets         64         107         78         +29         +0.45           7         Oklahoma City Thunder         64         122         78         +44         +0.69           8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73 </td <td>3</td> <td>Golden State Warriors</td> <td>70</td> <td>169</td> <td>58</td> <td>+111</td> <td>+1.59</td>  | 3    | Golden State Warriors  | 70      | 169   | 58      | +111     | +1.59        |
| 6         Houston Rockets         64         107         78         +29         +0.45           7         Oklahoma City Thunder         64         122         78         +44         +0.69           8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103  | 4    | Minnesota Timberwolves | 69      | 150   | 99      | +51      | +0.74        |
| 7         Oklahoma City Thunder         64         122         78         +44         +0.69           8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96  | 5    | Los Angeles Clippers   | 65      | 113   | 80      | +33      | +0.51        |
| 8         Utah Jazz         63         119         75         +44         +0.70           9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110  | 6    | Houston Rockets        | 64      | 107   | 78      | +29      | +0.45        |
| 9         Chicago Bulls         62         121         65         +56         +0.90           10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101 <td>7</td> <td>Oklahoma City Thunder</td> <td>64</td> <td>122</td> <td>78</td> <td>+44</td> <td>+0.69</td>   | 7    | Oklahoma City Thunder  | 64      | 122   | 78      | +44      | +0.69        |
| 10         Atlanta Hawks         61         123         59         +64         +1.05           11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95 </td <td>8</td> <td>Utah Jazz</td> <td>63</td> <td>119</td> <td>75</td> <td>+44</td> <td>+0.70</td>   | 8    | Utah Jazz              | 63      | 119   | 75      | +44      | +0.70        |
| 11         Miami Heat         61         125         86         +39         +0.64           12         Cleveland Cavaliers         60         106         82         +24         +0.40           13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54 <td< td=""><td>9</td><td>Chicago Bulls</td><td>62</td><td>121</td><td>65</td><td>+56</td><td>+0.90</td></td<>   | 9    | Chicago Bulls          | 62      | 121   | 65      | +56      | +0.90        |
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| 13         Charlotte Bobcats         59         127         100         +27         +0.46           14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         1   | 11   | Miami Heat             | 61      | 125   | 86      | +39      | +0.64        |
| 14         Philadelphia 76ers         59         124         75         +49         +0.83           15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114<   | 12   | Cleveland Cavaliers    | 60      | 106   | 82      | +24      | +0.40        |
| 15         Phoenix Suns         58         130         73         +57         +0.98           16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80  | 13   | Charlotte Bobcats      | 59      | 127   | 100     | +27      | +0.46        |
| 16         Sacramento Kings         58         73         80         -7         -0.12           17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115 <td>14</td> <td>Philadelphia 76ers</td> <td>59</td> <td>124</td> <td>75</td> <td>+49</td> <td>+0.83</td>  | 14   | Philadelphia 76ers     | 59      | 124   | 75      | +49      | +0.83        |
| 17         New Jersey Nets         56         103         85         +18         +0.32           18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106<   | 15   | Phoenix Suns           | 58      | 130   | 73      | +57      | +0.98        |
| 18         New York Knicks         56         96         78         +18         +0.32           19         Washington Wizards         56         110         69         +41         +0.73           20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48 <t< td=""><td>16</td><td>Sacramento Kings</td><td>58</td><td>73</td><td>80</td><td>-7</td><td>-0.12</td></t<>  | 16   | Sacramento Kings       | 58      | 73    | 80      | -7       | -0.12        |
| 19       Washington Wizards       56       110       69       +41       +0.73         20       Indiana Pacers       55       101       67       +34       +0.62         21       Boston Celtics       54       95       80       +15       +0.28         22       New Orleans Hornets       54       96       69       +27       +0.50         23       Toronto Raptors       54       88       69       +19       +0.35         24       Denver Nuggets       53       121       92       +29       +0.55         25       Milwaukee Bucks       52       114       78       +36       +0.69         26       Orlando Magic       52       80       49       +31       +0.60         27       Detroit Pistons       51       115       81       +34       +0.67         28       Memphis Grizzlies       48       106       93       +13       +0.27         29       Portland Trailblazers       48       64       63       +1       +0.02   | 17   | New Jersey Nets        | 56      | 103   | 85      | +18      | +0.32        |
| 20         Indiana Pacers         55         101         67         +34         +0.62           21         Boston Celtics         54         95         80         +15         +0.28           22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02   | 18   | New York Knicks        | 56      | 96    | 78      | +18      | +0.32        |
| 21     Boston Celtics     54     95     80     +15     +0.28       22     New Orleans Hornets     54     96     69     +27     +0.50       23     Toronto Raptors     54     88     69     +19     +0.35       24     Denver Nuggets     53     121     92     +29     +0.55       25     Milwaukee Bucks     52     114     78     +36     +0.69       26     Orlando Magic     52     80     49     +31     +0.60       27     Detroit Pistons     51     115     81     +34     +0.67       28     Memphis Grizzlies     48     106     93     +13     +0.27       29     Portland Trailblazers     48     64     63     +1     +0.02   | 19   | Washington Wizards     | 56      | 110   | 69      | +41      | +0.73        |
| 22         New Orleans Hornets         54         96         69         +27         +0.50           23         Toronto Raptors         54         88         69         +19         +0.35           24         Denver Nuggets         53         121         92         +29         +0.55           25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02  | 20   | Indiana Pacers         | 55      | 101   | 67      | +34      | +0.62        |
| 23     Toronto Raptors     54     88     69     +19     +0.35       24     Denver Nuggets     53     121     92     +29     +0.55       25     Milwaukee Bucks     52     114     78     +36     +0.69       26     Orlando Magic     52     80     49     +31     +0.60       27     Detroit Pistons     51     115     81     +34     +0.67       28     Memphis Grizzlies     48     106     93     +13     +0.27       29     Portland Trailblazers     48     64     63     +1     +0.02  | 21   | Boston Celtics         | 54      | 95    | 80      | +15      | +0.28        |
| 24     Denver Nuggets     53     121     92     +29     +0.55       25     Milwaukee Bucks     52     114     78     +36     +0.69       26     Orlando Magic     52     80     49     +31     +0.60       27     Detroit Pistons     51     115     81     +34     +0.67       28     Memphis Grizzlies     48     106     93     +13     +0.27       29     Portland Trailblazers     48     64     63     +1     +0.02  | 22   | New Orleans Hornets    | 54      | 96    | 69      | +27      | +0.50        |
| 25         Milwaukee Bucks         52         114         78         +36         +0.69           26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02  | 23   | Toronto Raptors        | 54      | 88    | 69      | +19      | +0.35        |
| 26         Orlando Magic         52         80         49         +31         +0.60           27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02   | 24   | Denver Nuggets         | 53      | 121   | 92      | +29      | +0.55        |
| 27         Detroit Pistons         51         115         81         +34         +0.67           28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02   | 25   | Milwaukee Bucks        | 52      | 114   | 78      | +36      | +0.69        |
| 28         Memphis Grizzlies         48         106         93         +13         +0.27           29         Portland Trailblazers         48         64         63         +1         +0.02  | 26   | Orlando Magic          | 52      | 80    | 49      | +31      | +0.60        |
| 29   Portland Trailblazers   48   64   63   +1   +0.02   | 27   | Detroit Pistons        | 51      | 115   | 81      | +34      | +0.67        |
|  | 28   | Memphis Grizzlies      | 48      | 106   | 93      | +13      | +0.27        |
| 30   Los Angeles Lakers   43   87   65   +22   +0.51   | 29   | Portland Trailblazers  | 48      | 64    | 63      | +1       | +0.02        |
|  | 30   | Los Angeles Lakers     | 43      | 87    | 65      | +22      | +0.51        |