

Net NPI

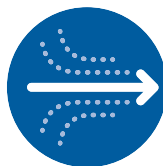
NPI is the overall value assigned to a team and is used for rankings, selections and, in some cases, seeding.

Net NPI is the value assigned to each individual game result. Depending on the outcome, the game contributes either a Win Value or Loss Value toward the team's overall NPI.

A team's final NPI can be calculated in two ways:

1. Using the team's overall totals.
2. Averaging the Net NPI values from each game.

Both methods produce the same final NPI.



FOLLOW THE SEASON

Game by Game, the Season Adds Up

As we wrap up the season, your team's resume features some routine wins, some tough losses and perhaps some quality win bonuses. As you review the results, you examine the impacts of some potential weights and games removed from the calculations as part of your adjusted record.

Each result has a calculated Net NPI value based on these factors. Averaging those game-by-game values together produce the same overall NPI as calculating from the teams' overall totals. Different paths, same destination: your team's NPI.

TWO WAYS TO CALCULATE NPI

METHOD 1 USING OVERALL TOTALS

Record: 8-2

Winning Percentage = **.800**

Strength of Schedule Average:
61.500

Win% Portion

.800 × 20 = 16.000

SOS Portion

60.721 × .80 = 48.577

Bonus Portion

6.230 total bonus points / **10** games = **0.623**

Final NPI

16.00 + 48.577 + 0.623 = 65.200

NPI = 65.200

Why × 20?

The team's .800 winning percentage is multiplied by the 20-point Win% portion of the 20/80 dial.

METHOD 2 USING GAME-BY-GAME VALUES

WINS – 8

80.540

78.207

70.545

69.301

64.464

62.853

60.571

57.384

Win Total =

543.865

Total Net NPI

543.865 + 108.135 = 652.000

Average Across 10 Games

652.000 ÷ 10 = 65.200

NPI = 65.200

***Note:** QWB is included within the Win Net NPI values.*

LOSSES – 2

55.486

52.649

Loss Total =

108.135



SAME RESULT, TWO METHODS

Overall Totals → NPI = **65.200**

Game-by-Game Net NPI → NPI = **65.200**

Each game's Net NPI contributes to the team's overall NPI. Averaging those game-by-game values produces the same result as calculating NPI from the team's overall totals.

COLOR KEY

■ Win values or win-related calculations ■ Loss values or loss-related calculations ■ Opponent NPI/Strength of Schedule values ■ Quality Win Base values ■ Noncalculated values

