



CHAMPIONSHIPS®



DII Women's Volleyball NCAA Power Index (NPI)

Agenda

- NCAA Power Index (NPI) Introduction and Overview.
- Sport specific dials.
- Resources.
- Questions (use the Q & A function in Zoom).

NCAA Power Index (NPI)

- Metric-based approach to selections.
- Winning Percentage/Strength-of-Schedule.
- Quality Win Bonus (QWB) - optional.
 - Quality win base value.
 - Quality win multiplier.
- Home/Away Win/Loss - optional.
- Overtime Win/Loss - optional.
- Retained Wins.

Win % / SOS

- Win % is your team's overall winning percentage.
- SOS is the average of your opponents' NPI impact.
 - Example: Team A has results earning NPI impacts of 52, 58, and 70 from three opponents. SOS is calculated as $52 + 58 + 70 = 180$; $180 / 3 = 60$. SOS = 60.
- Women's volleyball: 25/75

Quality Win Bonus

- A bonus applied to wins against “quality” teams.
- QWB – base:
 - Sport committee determines base NPI value.
- QWB – multiplier:
 - The amount of bonus awarded for wins against teams with an NPI above the QWB base.
 - Multiplier can range between 0.00 to 1.00.
- The amount of bonus awarded is determined by the difference between opponent’s NPI value and the QWB base value, multiplied by the QWB multiplier.

Quality Win Bonus

- Formula for Bonus = (Opp. NPI - QWB Base) * Multiplier
- Example: QWB base is set at 54.0. Multiplier is set at 0.6.
 - Win over team with NPI of 56.0.
 - $56.0 - 54.0 = 2.0$; $2.0 * 0.6 = 1.2$ (1.2 is the Quality Win Bonus)
 - Win over team with NPI of 61.0.
 - $61.0 - 54.0 = 7.0$; $7.0 * 0.6 = 4.2$ (4.2 is the Quality Win Bonus)
- Women's volleyball: QWB = 54.0 and the QWB multiplier = 0.6

Home/Away Multiplier

- Allows for additional emphasis/weights to be placed on away wins and home losses, with less emphasis on home wins and away losses.
- Different weights can be applied to non-conference, conference, and conference postseason contests.
- This is an optional adjustment and can be set at 1.0/1.0 to weigh all wins and losses, home or away, as equal.
- Example: Weights set at 1.1/0.9
 - Away wins/home losses weigh as 1.1 wins/losses.
 - Home wins/away losses weigh as 0.9 wins/losses.
- Women's volleyball: 1.1/0.9

Overtime Win/Loss

- Allows for an overtime win/loss to count as less than a full win/loss.
- An example is in ice hockey. Overtime is played 3-on-3 versus 5-on-5 in regulation. Since a win in overtime required extra time and was played differently an OT win can be weighted at 0.75 win/0.25 loss. The losing team would get 0.25 wins/0.75 losses.
- Regular season and conference postseason can be weighted differently.
- This is an optional adjustment and can be set at 100/0 meaning a win is a win, or a loss is a loss regardless of regulation or overtime.
- Women's volleyball: 100/0

Retained Wins

- Sport committees will establish a number of wins that must be counted (i.e., retained) as part of the NPI formula, therefore establishing the number of wins that a team could potentially drop when calculating their NPI.
- Within the NPI formula, any win more than the number of retained wins setting that causes a team's NPI value to go down will be dropped from counting when calculating that team's NPI.
- A team is not required to reach the number of retained wins to earn a spot in the championship as an AQ or as an at-large selection to the tournament.
- If a team has fewer wins than the number that must be retained, then all of their wins will count in calculating their NPI.
- **Women's volleyball: 12**

Other Details

- Sport committees are responsible for setting the dials, subject to approval by the Championships Committee.
- Gender counterparts do not need to have the same dials.
- Dials are locked in for three years. There will be an opportunity to review after the first year to make sure there are no immediate changes needed.
- Dials will be published on sport landing pages on ncaa.org.

Other Details

- RACs have been eliminated, as has the .500 record requirement.
- Rankings will be published weekly on Mondays beginning four weeks out from selections.
 - Starting two weeks out from selections, NPI will be updated daily.

Women's Volleyball Established Weights

Win%/SOS	Home/Away Wins/Loss	QWB	QWB Multiplier	Overtime Win/Loss	Retained Wins
25/75	1.1/0.9	54.0	0.6	1.0/0.0	12

Resources

- [NCAA Power Index \(NPI\) Division II Weights, FAQ and Guide.](#)
- [Sport landing page.](#)
- [Webinar recording.](#)

