



**NCAA POWER INDEX  
DIVISION III FIELD HOCKEY**

NPI WEIGHTS					
Win%/SOS	H/A Win/Loss	QWB	QWB Multiplier	Overtime	Minimum Wins
20/80	1.1/0.9	52.5	.500	100/0	6.5

**Rationale.**

- **Winning Percentage/Strength of Schedule.** The committee utilized the past three years of data to understand the right combination of winning percentage and strength of schedule. The committee wanted to ensure that a high winning percentage was balanced with an appropriate strength of schedule. The committee landed on 20/80 using this information.
- **Home/Away – Win/Loss Weights.** The committee discussed the home advantage within the sport and more specifically the different surfaces in field hockey. While the committee is aware that is common in many sports, the differences in field hockey’s astroturf vs artificial turf surfaces can provide a distinct homefield advantage. Additionally, the committee looked at the past 3 years of data, noting that the home team wins 55% of the time. The 1.1/.9 weighting matches the home team advantage in the studied results.
- **Quality Win Base (QWB.)** The committee relied heavily on the past three year’s data for this information to ensure the average QWB was appropriate. The committee wanted to ensure the quality win base number was not too low or too high so that it could reward teams appropriately based off an important win. The committee also wanted to ensure the QWB was spread out far enough that beating a someone around the QWB line had a smaller impact, while beating someone near the top had a much larger impact to reward that win.
- **Quality Win Base Multiplier.** The committee felt as if .5 provided the appropriate range of rewarding a quality win based off the QWB that was decided. The .5 multiplier gives appropriate reward for a quality win within the context of a team’s overall resume. The committee was cognizant of wanting to reward a quality win, but not so much that a single result overwhelms the institution’s overall postseason resume.
- **Overtime Weight.** The committee discussed the overtime weight at length. The committee ultimately decided that they did not want to weigh overtime any differently than a regular season win/loss as they never wanted a team to be negatively impacted by an overtime win. The committee noted that by weighting an overtime win/loss, a win in overtime could lower the NPI of the winning team, and that did not feel like a reasonable way to reward a win. Additionally, the committee is interested in exploring a different method of overtime weighting to never negatively impact an institution with an overtime win, or positively impact a institution for an overtime loss.
- **Minimum Wins.** . The committee noted that 6.5 wins would be the right number of wins to evaluate an institution’s season, if needed. The committee is aware that most teams will keep

more than 6.5 wins, but 6.5 was the best way to balance the philosophy that wins should not hurt your NPI while also understanding a critical mass of games is needed to evaluate team's overall best 6.5 games for seeding purposes.

**Resources.**

- [NPI Frequently Asked Questions and Reference Guide.](#)