

AIA Power Rankings System

Adopted by the AIA Executive Board: August 23, 2010

Effective Immediately for the 2010-2011 Year

As Approved by the AIA Executive Board on August 23, 2010, a new power rankings system is being implemented immediately for the 2010-2011 year.

ALL REGULAR SEASON GAMES (EXCLUDING INVITATIONAL TOURNAMENT GAMES) VERSUS AIA MEMBER SCHOOLS COUNT FOR POWER RANKINGS!!!

If you are scheduled to play a game that was previously considered to be non-counting and it is against an AIA member school, that game counts. This includes any game that may have been scheduled to help another school fill its schedule.

The only **NON-COUNTING GAMES** are those played against Associate member schools, non-AIA member schools, i.e. out of state schools, and invitational tournament games. Those games can still be played, but will have no bearing on your power ranking.

The formula:

$$\frac{.45 (\text{Victory Points}) + .50 (\text{Opponent Victory Points}) + .05 (\text{Opponent's Opponent Victory Points})}{\# \text{ of AIA Member School Regular Season Games Scheduled}}$$

Games the Count toward a Schools Power Ranking

- All regular season games versus an AIA member school count toward an AIA member school power ranking, excluding invitational tournament games
- All regular season games versus a non-AIA member school or an AIA Associate member school will not count toward an AIA member school power ranking

The Factors of the Formula:

Number of games an AIA member school plays vs. AIA member schools will have a direct affect on the opportunity to earn opponent and opponent's opponent points. If a game is cancelled and cannot be made up due to extenuating circumstances, then the divisor for each school will automatically lower by one.

Opponent victory points from each opponent will be calculated by taking the total number of opponent victory points earned divided by that opponent's number of counting games. That will then be multiplied by the number of counting games of your school to get the opponent victory point total earned by that one opponent for power ranking purposes.

Example: In basketball, St. Johns has 18 counting games and played Winslow with 17 counting games. In Winslow's 17 games, Winslow earned 60 opponent victory points for St. Johns on 12 wins. St Johns would receive 63.53 opponent victory points from Winslow $((60/17)*18)$. Likewise, if St. Johns had 70 opponent victory points in 14 games, Winslow would receive 66.11 opponent victory points from St. Johns $((70/18)*17)$. The same example would hold true in calculating each opponent's opponent victory points for the school.

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Team Sports Using Power Rankings:

Sport	Matrix for 2010-2011
Badminton	Conference
Baseball	Conference
Basketball (Boys & Girls)	Conference
Football	Conference
Soccer (Boys & Girls)	Conference
Softball	Conference
Tennis (Boys & Girls)	Conference
Volleyball (Boys & Girls)	Conference

Website Display:

Rank, School, W-L, PR W-L, VP, OPVP, OPOPVP, Weighted Total Pts, # of PR Games, Power Points

- W-L is win-loss record
- PR W-L is the schools power ranking win-loss record
- VP stands for Victory Points of School
- OPVP stands for Opponent Victory Points
- OPOPVP stands for Opponent's Opponent Victory Points
- Weighted Total Pts is based on the formula they receive for VP, OPVP, and OPOPVP
- # of PR Games is number of power ranked games for the school
- Power Points is their power points

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Conference Matrix for 2010-2011:

50 Point Scale (Badminton):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	50	50	50	50	50	50	50
2A	50	50	50	50	50	50	50
3A	50	50	50	50	50	50	50
4A-II	50	50	50	50	50	50	50
4A-I	50	50	50	50	50	50	50
5A-II	50	50	50	50	50	50	50
5A-I	50	50	50	50	50	50	50

50 Point Scale (Football):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	50	55	60	65	70	75	80
2A	50	50	55	60	65	70	75
3A	45	50	50	55	60	65	70
4A-II	40	45	50	50	55	60	65
4A-I	35	40	45	50	50	55	60
5A-II	30	35	40	45	50	50	55
5A-I	25	30	35	40	45	50	50

60 Point Scale (1A/2A/3A Winter Soccer):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	60	60	60	60	60	60	60
2A	60	60	60	60	60	60	60
3A	60	60	60	60	60	60	60
4A-II	60	60	60	60	60	60	60
4A-I	60	60	60	60	60	60	60
5A-II	60	60	60	60	60	60	60
5A-I	60	60	60	60	60	60	60

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60 Point Scale (4A & 5A Soccer):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	60	65	70	75	80	85	90
2A	60	60	65	70	75	80	85
3A	55	60	60	65	70	75	80
4A-II	50	55	60	60	65	70	75
4A-I	45	50	55	60	60	65	70
5A-II	40	45	50	55	60	60	65
5A-I	35	40	45	50	55	60	60

70 Point Scale (Tennis):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	70	75	80	85	90	95	100
2A	70	70	75	80	85	90	95
3A	65	70	70	75	80	85	90
4A-II	60	65	70	70	75	80	85
4A-I	55	60	65	70	70	75	80
5A-II	50	55	60	65	70	70	75
5A-I	45	50	55	60	65	70	70

85 Point Scale (Volleyball (Boys)):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	85	85	85	85	85	85	85
2A	85	85	85	85	85	85	85
3A	85	85	85	85	85	85	85
4A-II	85	85	85	85	85	85	85
4A-I	85	85	85	85	85	85	85
5A-II	85	85	85	85	85	85	85
5A-I	85	85	85	85	85	85	85

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85 Point Scale (Volleyball (Girls)):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	85	90	95	100	105	110	115
2A	85	85	90	95	100	105	110
3A	80	85	85	90	95	100	105
4A-II	70	80	85	85	90	95	100
4A-I	65	70	80	85	85	90	95
5A-II	60	65	70	80	85	85	90
5A-I	55	60	65	70	80	85	85

90 Point Scale (Baseball, Basketball, Softball):

Victory Points Matrix							
Your Class	Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	90	95	100	105	110	115	120
2A	90	90	95	100	105	110	115
3A	85	90	90	95	100	105	110
4A-II	80	85	90	90	95	100	105
4A-I	75	80	85	90	90	95	100
5A-II	70	75	80	85	90	90	95
5A-I	65	70	75	80	85	90	90

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Conference Opponent and Opponent Opponents Matrix for 2010-2011:

Badminton, Soccer (1A/2A/3A Winter), Volleyball (Boys):

Opponent Victory Points Matrix							
Opponents Class	Their Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
3A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4A-II	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4A-I	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5A-II	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5A-I	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Opponent Opponents Victory Points Matrix							
Opponent Opponents Division	Their Opponent Opponents Division						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	3.0	3.0	3.0	3.0	3.0	3.0	3.0
2A	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3A	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4A-II	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4A-I	3.0	3.0	3.0	3.0	3.0	3.0	3.0
5A-II	3.0	3.0	3.0	3.0	3.0	3.0	3.0
5A-I	3.0	3.0	3.0	3.0	3.0	3.0	3.0

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Baseball, Basketball, Football, Soccer (4A & 5A), Softball, Tennis, Volleyball (Girls):

Opponent Victory Points Matrix							
Opponents Class	Their Opponents Class						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	5.0	5.0	5.5	6.0	6.5	7.0	7.5
2A	5.0	5.0	5.0	5.5	6.0	6.5	7.0
3A	4.5	5.0	5.0	5.0	5.5	6.0	6.5
4A-II	4.0	4.5	5.0	5.0	5.0	5.5	6.0
4A-I	3.5	4.0	4.5	5.0	5.0	5.0	5.5
5A-II	3.0	3.5	4.0	4.5	5.0	5.0	5.0
5A-I	2.5	3.0	3.5	4.0	4.5	5.0	5.0

Opponent Opponents Victory Points Matrix							
Opponent Opponents Division	Their Opponent Opponents Division						
	1A	2A	3A	4A-II	4A-I	5A-II	5A-I
1A	3.0	3.0	3.5	4.0	4.5	5.0	5.5
2A	3.0	3.0	3.0	3.5	4.0	4.5	5.0
3A	2.5	3.0	3.0	3.0	3.5	4.0	4.5
4A-II	2.0	2.5	3.0	3.0	3.0	3.5	4.0
4A-I	1.5	2.0	2.5	3.0	3.0	3.0	3.5
5A-II	1.0	1.5	2.0	2.5	3.0	3.0	3.0
5A-I	0.5	1.0	1.5	2.0	2.5	3.0	3.0

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How Conferences Utilize the APRS for 2010-2011

The conferences will use power rankings in different ways to seed regional and/or state tournaments.

The 1A Conference South Region will use power rankings in baseball, basketball, softball, and volleyball to send the top four teams from their region to the state tournament.

In the 2A Conference for football, the five regular season league champions will earn an automatic berth to the state tournament along with 11 at-large qualifiers. The five regular season champions in football will be seeded No. 1 thru 5. For baseball, basketball, softball, and volleyball (girls), 24 teams will make the state tournament based on power rankings.

In the 3A Conference for football, baseball and softball (excluding the North region in baseball and softball), regular season region champions and the second place and third place teams from each region's regular season will earn an automatic berth into the state tournament along with four at-large qualifiers and be seeded according to power ranking. If two teams are tied for first, second or third power rankings will serve as the tie breaker.

In the 3A Conference for basketball and volleyball, (including the North region in baseball and softball), region tournament champions and the second place and third place teams from each region's tournament will earn an automatic berth into the state tournament along with four at-large qualifiers and be seeded according to power ranking.

In the 4A Conference for football, each region champion will earn an automatic berth to the state tournament along with 11 at-large qualifiers and be seeded #1-16 according to power ranking. In badminton, combined tournament for Division I and II, two teams from each region (as determined by the region) will earn an automatic berth to the state tournament and will be seeded #1-8 according to the power rankings.

In the 4A Conference for baseball, basketball, soccer, softball, tennis, and volleyball, two or three teams from each region (as determined by the region and dependent on the size of the region) will earn an automatic berth to the state tournament along with six at-large qualifiers and be seeded #1-16 according to power ranking. For more information, see page 28 of the 4A Conference Handbook online at: http://www.aiaonline.org/athletics/conference_handbooks.php.

In the 5A Conference for baseball, basketball, football, soccer, softball, tennis, and volleyball, each region champion will earn an automatic berth to the state tournament (Division I and II will not necessarily have a region champ based on intermixed regions). The remaining bracket will be filled based on power rankings and the bracket will be seeded #1-16 according to power ranking. In badminton, combined tournament for Division I and II, two teams from each region, based on regular season standings, will earn an automatic berth to the state tournament along with eight at-large qualifiers and will be seeded #1-16 according to the power rankings.