Maximum Goal Differential = 6

See Rankings Without Considering Goal Differential Below

Beginning in the 2023-24 season, games decided in OT are treated as 0.5 goal W/L as opposed

to the full 1 goal win/loss that they were treated as in previous seasons.

To that end, the OTW and OTL columns are subsets of the totals in the W and L columns.

OTW and OTL are used to calculate the adjustment (OTAdj) needed for games decided in OT.

RANK TEAM W L T OTW OTL GmPerf Sched OTAdj Total Last 5

1,Liberty University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11 3 0 1 1, 1.9, 9.2, 0.00 11.05, 10.25

2,Adrian College,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 16 4 1 0 0, 2.9, 8.0, 0.00 10.89, 10.83

3,Midland University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 21 0 2 0 0, 2.7, 8.2, 0.00 10.86, 11.98

4,Maryville University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15 12 0 0 1, 0.9, 8.5, 0.02 9.43, 9.97

5,McKendree University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12 6 1 0 0, 1.1, 8.3, 0.00 9.40, 8.99

6,Minot State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9 10 1 3 0, -0.3, 9.5, -0.07 9.09, 9.72

7,University of Michigan,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12 1 1 0 0, 2.5, 6.5, 0.00 8.97, 8.31

8,Indiana Tech,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17 5 1 4 0, 2.2, 6.8, -0.09 8.97, 9.89

9,University of Michigan-Dearborn,\_\_\_\_\_\_\_\_\_\_ 16 4 1 0 0, 2.4, 6.2, 0.00 8.63, 9.14

10,Arizona State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14 3 1 0 0, 2.4, 6.2, 0.00 8.62, 9.94

11,Lindenwood University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5 9 3 0 0, -0.9, 8.7, 0.00 7.79, 8.56

12,University of Jamestown,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6 8 0 0 0, -0.5, 8.1, 0.00 7.63, 7.44

13,Miami University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3 11 0 0 2, -1.1, 8.7, 0.07 7.63, 9.42

14,Niagara University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11 9 0 1 1, 0.3, 7.3, 0.00 7.51, 7.52

15,University of Minnesota,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7 5 0 0 0, 0.7, 6.8, 0.00 7.42, 7.84

16,University of Massachusetts-Amherst,\_\_\_\_\_\_ 7 11 1 0 1, -0.3, 7.3, 0.03 7.03, 6.71

17,Grand Valley State University,\_\_\_\_\_\_\_\_\_\_\_\_ 6 10 0 0 1, -0.4, 6.9, 0.03 6.47, 5.78

18,Lake Superior State University,\_\_\_\_\_\_\_\_\_\_\_ 5 13 1 1 1, -0.8, 7.3, 0.00 6.44, 6.49

19,Michigan State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10 7 2 0 1, -0.1, 6.3, 0.03 6.29, 4.99

20,Concordia University-Ann Arbor,\_\_\_\_\_\_\_\_\_\_\_ 6 10 0 0 1, -1.1, 7.0, 0.03 5.99, 7.20

21,Penn State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -2.1, 7.3, 0.00 5.17, 3.86

22,University of Utah,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9 5 0 1 0, 1.5, 3.5, -0.04 4.97, 5.50

23,University of Rhode Island,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 10 0 0 0, -2.7, 7.6, 0.00 4.91, 4.25

24,University of Colorado,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -1.5, 6.2, 0.00 4.72, 5.08

25,Colorado State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5 8 2 0 1, -0.2, 4.5, 0.03 4.36, 5.10

26,Grand Canyon University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3 12 1 0 0, -2.5, 6.8, 0.00 4.26, 3.97

27,Aquinas College,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 11 1 0 0, -3.4, 6.7, 0.00 3.36, 3.70

28,University of Denver,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 7 0 0 0, -1.5, 4.6, 0.00 3.03, 2.30

29,Davenport University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 15 0 0 0, -4.6, 6.8, 0.00 2.18, 1.59

30,Montana State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -2.4, 2.5, 0.00 0.11, -0.55

31,University of Wyoming,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 0 6 0 0 0, -4.2, 1.5, 0.00 -2.65, -2.84

Maximum Goal Differential = 1 (i.e. just considers W, L, T and schedule strength)

Division 1

RANK TEAM W L T OTW OTL GmPerf Sched OTAdj Total Last 5

1,Midland University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 21 0 2 0 0, 0.9, 7.3, 0.00 8.21, 8.48

2,Liberty University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11 3 0 1 1, 0.6, 7.5, 0.00 8.08, 7.93

3,Adrian College,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 16 4 1 0 0, 0.6, 7.2, 0.00 7.76, 7.86

4,McKendree University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12 6 1 0 0, 0.3, 7.3, 0.00 7.65, 7.62

5,University of Michigan,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12 1 1 0 0, 0.8, 6.9, 0.00 7.64, 7.22

6,Minot State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9 10 1 3 0, -0.1, 7.6, -0.07 7.52, 8.00

7,Maryville University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15 12 0 0 1, 0.1, 7.4, 0.02 7.51, 7.43

8,Arizona State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14 3 1 0 0, 0.6, 6.8, 0.00 7.43, 7.75

9,Indiana Tech,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17 5 1 4 0, 0.5, 6.9, -0.09 7.33, 7.42

10,University of Michigan-Dearborn,\_\_\_\_\_\_\_\_\_\_ 16 4 1 0 0, 0.6, 6.7, 0.00 7.31, 7.35

11,Lindenwood University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5 9 3 0 0, -0.2, 7.4, 0.00 7.20, 7.47

12,University of Jamestown,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6 8 0 0 0, -0.1, 7.3, 0.00 7.19, 6.77

13,University of Minnesota,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7 5 0 0 0, 0.2, 7.0, 0.00 7.12, 7.49

14,Niagara University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11 9 0 1 1, 0.1, 6.9, 0.00 7.05, 7.10

15,Michigan State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10 7 2 0 1, 0.2, 6.8, 0.03 7.03, 6.84

16,University of Massachusetts-Amherst,\_\_\_\_\_\_ 7 11 1 0 1, -0.2, 7.1, 0.03 6.90, 6.60

17,Miami University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3 11 0 0 2, -0.6, 7.3, 0.07 6.85, 7.38

18,Concordia University-Ann Arbor,\_\_\_\_\_\_\_\_\_\_\_ 6 10 0 0 1, -0.3, 7.0, 0.03 6.78, 6.99

19,Grand Valley State University,\_\_\_\_\_\_\_\_\_\_\_\_ 6 10 0 0 1, -0.3, 7.0, 0.03 6.75, 6.53

20,Lake Superior State University,\_\_\_\_\_\_\_\_\_\_\_ 5 13 1 1 1, -0.4, 7.1, 0.00 6.65, 6.62

21,Penn State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -0.4, 7.0, 0.00 6.54, 6.25

22,University of Utah,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9 5 0 1 0, 0.3, 6.2, -0.04 6.48, 6.40

23,University of Colorado,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -0.4, 6.9, 0.00 6.47, 6.46

24,Grand Canyon University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3 12 1 0 0, -0.6, 7.0, 0.00 6.43, 6.13

25,Colorado State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5 8 2 0 1, -0.2, 6.5, 0.03 6.32, 6.58

26,University of Rhode Island,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 10 0 0 0, -0.8, 7.1, 0.00 6.31, 6.27

27,Aquinas College,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 11 1 0 0, -0.8, 7.0, 0.00 6.22, 6.53

28,University of Denver,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 7 0 0 0, -0.3, 6.5, 0.00 6.21, 6.24

29,Davenport University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 15 0 0 0, -0.9, 6.9, 0.00 6.00, 5.88

30,Montana State University,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 10 0 0 0, -0.4, 6.0, 0.00 5.53, 5.54

31,University of Wyoming,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 0 6 0 0 0, -1.0, 5.8, 0.00 4.78, 4.68

- \* in place of rank indicates team whose rank is based on fewer than 3 scores.

The program starts all teams with an equal arbitrary value and then adjusts them all recursively based on game scores until the lowest cumulative error between expected goal differentials and actual goal differentials is

reached (convergence). One effect often noticed is that a team's rating can change slightly without playing due to previous opponents playing which affects their rating and their opponent's rating, etc. The Total column is in goal units and the difference in this value between any two teams is the predicted goal differential for a game played at a neutral site between those two teams. It should be noted that these rankings are an average performance valuefor each team for the entire season, all games are equally weighted, so a team's

latest game may make up only 1/40th of a teams rating at the end of the season. Games that go to shootouts for decision are considered ties for ratings purposes.

Actually, there are two different rankings listed below. The first is as described above with the maximum goal differential used per game set at 7. This ordering ends up similar to [CCHP](https://www.google.com/url?q=http://www.uafhockey.com/hratings.html&source=gmail-html&ust=1706137070332000&usg=AOvVaw3gGr7mB-83Ygc7T8T_pZ7s), although differences do arise due to CCHP considering home ice advantage and CCHP not using a goal differential limit. The second ranking sets maximum goal differential at 1, thereby just considering whether the game was won, lost, or tied (and strength of opponent).

Note that the Total column in the GD=1 ranking is therefore in win percentage units rather than goal units. A rated .01ahead of B can be interpreted as saying that if these two teams played exclusively against

each other, A's predicted winning percentage is 1 percentage point higher than B's (i.e. A's predicted winning percentage vs. B would be .495, B's against A would be .505). However, since the teams do not play exclusively against the other it is actually a little bit more complex than above as teams can be ranked as high as 1.0

above their average opponent (if they were undefeated and untied) and as low as 1.0 below their average opponent (if they lost all of their games).

Not surprisingly, the ordering ends up very similar to [KRACH](https://www.google.com/url?q=http://rpihockey.net/misc.rank1.shtml&source=gmail-html&ust=1706137070332000&usg=AOvVaw2z0dLC_i1_0EALPCNQCplr) .

Currently, teams with as few as 3 scores are ranked. The more games that go into a team's ranking, the more accurate their ranking will be.