# 2023-24 NTCA NATIONAL WOMENS BOWLING TEAM SEASON STATISTICAL LEADERS 

Minimum Frames @ xxx

## TEAM COMPOSITE PERFORMANCE INDEX (TCPI)

The Team Composite Perfomance Index is a measure that combines the categories "percentage of competitors that a team has outperformed" within that category. The calculation of the TCPI categories are weighted (SEE FIGURE BELOW CATEGORY). A team that ranks first in a category is given a TCP of $\mathbf{1 0 0 \%}$. The TCP then is reduced as a \% of the number of eligible teams for each positional change. The INDEX calculates the percentage of teams that a team outperforms across the category weightings. It does not consider the magnitude in the actual category performance differences between the teams. A "NR" indicates that a team did not meet the minimum number of NCAA "attempts".

| RANK | SCHOOL | FRAMES | TCPI | OVER ALL AVG | TRAD AVG | BAKER AVG | BAKER DBL \% | FILL \% | STRIKE \% | 1ST BALL "9+" \% | AVG 1ST BALL | OVER-ALL SPARE \% | $\begin{gathered} \hline \text { MAKE- } \\ \text { ABLE } \\ \text { SPARE } \% \end{gathered}$ | SINGLE <br> PIN SPARE <br> $\%$ | $\begin{array}{c\|} \text { SPLIT } \\ \text { LEAVE \% } \end{array}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 15.0\% | 10.0\% | 10.0\% | 10.0\% | 15.0\% | 5.0\% | 0.0\% | 5.0\% | 0.0\% | 10.0\% | 10.0\% | 5.0\% | 5.0\% |
| 1 | JACKSONVILLE STATE | 5,930 | 99.55\% | 21.05 | 21.03 | 21.07 | 57.4\% | 88.1\% | 55.0\% | 80.2\% | 9.20 | 73.5\% | 85.6\% | 90.8\% | 7.3\% | 20.85 |
| 2 | NORTH CAROLINA A\&T STATE UNIVERSITY | 6,250 | 97.82\% | 20.59 | 20.54 | 20.62 | 52.7\% | 86.7\% | 51.1\% | 76.9\% | 9.08 | 72.7\% | 84.3\% | 90.9\% | 7.7\% | 21.49 |
| 3 | VANDERBILT UNIVERSITY | 6,805 | 95.29\% | 20.38 | 20.55 | 20.26 | 52.9\% | 86.0\% | 50.2\% | 76.0\% | 9.09 | 71.9\% | 83.2\% | 88.6\% | 7.8\% | 20.78 |
| 4 | YOUNGSTOWN STATE UNIVERSITY | 5,410 | 94.40\% | 20.62 | 20.87 | 20.46 | 54.9\% | 85.3\% | 53.7\% | 77.6\% | 9.12 | 68.3\% | 82.5\% | 87.9\% | 9.3\% | 21.07 |
| 5 | ARKANSAS STATE UNIVERSITY | 5,420 | 94.31\% | 20.44 | 20.49 | 20.41 | 52.4\% | 85.7\% | 51.6\% | 76.4\% | 9.10 | 70.4\% | 82.9\% | 87.5\% | 8.6\% | 20.78 |
| 6 | LOUISIANA TECH UNIVERSITY | 6,010 | 93.49\% | 20.32 | 20.31 | 20.34 | 51.5\% | 85.5\% | 50.9\% | 74.5\% | 9.04 | 70.6\% | 83.9\% | 90.6\% | 9.2\% | 21.04 |
| 7 | SAM HOUSTON STATE UNIVERSITY | 6,010 | 92.17\% | 19.97 | 19.81 | 20.07 | 48.7\% | 85.0\% | 47.8\% | 73.2\% | 8.98 | 71.3\% | 83.1\% | 89.9\% | 8.5\% | 21.20 |
| 8 | UNIV. OF NEBRASKA | 6,170 | 91.64\% | 20.05 | 20.15 | 19.99 | 52.2\% | 84.7\% | 49.1\% | 75.3\% | 9.04 | 69.9\% | 82.2\% | 89.3\% | 8.8\% | 20.91 |
| 9 | MOUNT ST. MARYS UNIVERSITY | 4,960 | 85.94\% | 19.63 | 19.42 | 19.78 | 47.3\% | 82.9\% | 46.9\% | 72.5\% | 8.97 | 67.9\% | 78.8\% | 85.8\% | 9.0\% | 20.15 |
| 10 | MARYVILLE UNIVERSITY | 6,670 | 85.94\% | 19.48 | 19.48 | 19.49 | 47.6\% | 83.6\% | 45.0\% | 71.1\% | 8.90 | 70.2\% | 82.0\% | 88.4\% | 9.4\% | 19.95 |
| 11 | STEPHEN F. AUSTIN | 4,710 | 84.99\% | 19.53 | 19.58 | 19.49 | 48.0\% | 82.8\% | 46.5\% | 71.6\% | 8.96 | 67.9\% | 79.6\% | 86.9\% | 9.5\% | 20.19 |
| 12 | DUQUESNE UNIVERSITY | 5,160 | 84.27\% | 19.40 | 19.72 | 19.22 | 45.8\% | 83.0\% | 44.8\% | 69.3\% | 8.89 | 69.3\% | 81.0\% | 88.5\% | 9.4\% | 19.96 |
| 13 | UNIV. OF MARYLAND EASTERN SHORE | 5,590 | 83.39\% | 19.43 | 19.34 | 19.50 | 47.3\% | 81.9\% | 46.0\% | 71.7\% | 8.95 | 66.6\% | 77.8\% | 85.6\% | 9.0\% | 19.79 |
| 14 | TULANE UNIVERSITY | 5,410 | 81.83\% | 19.29 | 19.22 | 19.32 | 45.1\% | 82.6\% | 44.4\% | 70.5\% | 8.89 | 68.7\% | 79.7\% | 86.9\% | 9.2\% | 19.94 |
| 15 | MERRIMACK COLLEGE | 3,630 | 79.89\% | 19.48 | 19.69 | 19.34 | 50.3\% | 80.9\% | 47.3\% | 72.1\% | 8.93 | 63.7\% | 76.8\% | 84.5\% | 10.2\% | 19.49 |
| 16 | SACRED HEART UNIVERSITY | 5,110 | 76.82\% | 18.97 | 18.92 | 19.00 | 43.8\% | 80.9\% | 42.7\% | 67.5\% | 8.83 | 66.7\% | 77.2\% | 87.2\% | 9.5\% | 18.75 |
| 17 | FAIRLEIGH DICKINSON UNIVERSITY | 4,710 | 75.09\% | 19.07 | 19.23 | 18.96 | 45.7\% | 79.8\% | 44.7\% | 70.1\% | 8.85 | 63.5\% | 73.0\% | 80.3\% | 8.6\% | 20.02 |
| 18 | NEWMAN UNIVERSITY | 5,410 | 75.03\% | 18.85 | 18.75 | 18.91 | 43.7\% | 80.5\% | 42.7\% | 67.7\% | 8.83 | 65.9\% | 75.4\% | 84.1\% | 8.7\% | 19.09 |
| 19 | NIAGARA UNIVERSITY | 5,380 | 72.11\% | 18.82 | 18.90 | 18.75 | 44.0\% | 79.8\% | 41.9\% | 68.7\% | 8.86 | 65.2\% | 75.1\% | 80.9\% | 9.1\% | 18.77 |
| 20 | DELAWARE STATE UNIVERSITY | 5,050 | 71.47\% | 18.78 | 18.73 | 18.81 | 42.6\% | 80.2\% | 40.7\% | 67.1\% | 8.84 | 66.6\% | 77.2\% | 85.1\% | 10.0\% | 19.02 |
| 21 | UNIV. OF WISCONSIN, WHITEWATER | 5,460 | 70.96\% | 18.75 | 18.49 | 18.94 | 42.2\% | 80.4\% | 40.8\% | 67.1\% | 8.82 | 66.9\% | 78.4\% | 85.4\% | 10.6\% | 19.66 |
| 22 | OKLAHOMA CHRISTIAN | 5,390 | 70.64\% | 18.69 | 18.77 | 18.64 | 45.2\% | 78.9\% | 43.0\% | 68.1\% | 8.85 | 62.9\% | 73.1\% | 83.2\% | 9.7\% | 19.60 |
| 23 | ST. FRANCIS UNIVERSITY (PA) | 5,110 | 69.01\% | 18.63 | 18.76 | 18.55 | 41.6\% | 78.8\% | 41.1\% | 67.0\% | 8.82 | 64.1\% | 74.3\% | 82.7\% | 9.2\% | 18.97 |
| 24 | UNIV. OF CENTRAL MISSOURI | 4,670 | 67.84\% | 18.59 | 18.65 | 18.55 | 44.1\% | 78.7\% | 40.9\% | 66.9\% | 8.79 | 63.9\% | 74.1\% | 82.8\% | 9.8\% | 19.89 |
| 25 | MONMOUTH UNIVERSITY | 3,350 | 65.62\% | 18.59 | 18.82 | 18.45 | 39.9\% | 78.9\% | 41.3\% | 67.4\% | 8.80 | 64.0\% | 75.4\% | 81.7\% | 10.4\% | 19.16 |

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| RANK | SCHOOL | FRAMES | TCPI |
| :---: | :---: | :---: | :---: |
| 26 | MCKENDREE UNIVERSITY | 4,660 | 62.59\% |
| 27 | EMMANUEL UNIVERSITY | 3,400 | 62.30\% |
| 28 | LEWIS UNIVERSITY | 5,180 | 60.88\% |
| 29 | LINCOLN MEMORIAL UNIVERSITY | 4,680 | 60.80\% |
| 30 | WILMINGTON UNIVERSITY (DE) | 5,540 | 60.30\% |
| 31 | MERCYHURST UNIVERSITY | 5,520 | 59.89\% |
| 32 | UNIV. OF ALABAMA-BIRMINGHAM | 5,660 | 56.22\% |
| 33 | VALPARAISO UNIVERSITY | 4,800 | 55.75\% |
| 34 | ALABAMA STATE UNIVERSITY | 4,980 | 55.43\% |
| 35 | BRYANT UNIVERSITY | 4,770 | 53.96\% |
| 36 | KUTZTOWN UNIVERSITY | 3,940 | 53.62\% |
| 37 | WRIGHT STATE UNIVERSITY | 3,460 | 52.86\% |
| 38 | MORGAN STATE UNIVERSITY | 4,100 | 50.83\% |
| 39 | FELICIAN UNIVERSITY | 4,310 | 46.49\% |
| 40 | MARIAN UNIVERSITY (WI) | 4,020 | 46.23\% |
| 41 | WILLIAM SMITH COLLEGE | 3,600 | 45.19\% |
| 42 | ALVERNIA UNIVERSITY | 3,790 | 45.02\% |
| 43 | MOLLOY UNIVERSITY | 4,130 | 44.91\% |
| 44 | SAINT VINCENT COLLEGE | 3,760 | 43.20\% |
| 45 | TEXAS SOUTHERN UNIVERSITY | 5,050 | 42.81\% |
| 46 | DAEMEN UNIVERSITY | 3,870 | 40.43\% |
| 47 | ROBERTS WESLEYAN UNIVERSITY | 2,870 | 36.09\% |
| 48 | WAGNER COLLEGE | 3,790 | 35.17\% |
| 49 | CALDWELL UNIVERSITY | 4,090 | 34.73\% |
| 50 | LONG ISLAND UNIVERSITY | 5,550 | 34.68\% |


| OVER ALL AVG | $\begin{aligned} & \text { TRAD } \\ & \text { AVG } \end{aligned}$ | BAKER AVG | BAKER DBL \% | FILL \% | STRIKE \% | 1ST BALL \\| "9+" \% | AVG 1ST BALL | OVER-ALL SPARE \% |  | SINGLE <br> PIN SPARE <br> $\%$ | $\left\|\begin{array}{c} \text { SPLIT } \\ \text { LEAVE \% } \end{array}\right\|$ | 10TH FRAME AVG |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15.0\% | 10.0\% | 10.0\% | 10.0\% | 15.0\% | 5.0\% | 0.0\% | 5.0\% | 0.0\% | 10.0\% | 10.0\% | 5.0\% | 5.0\% |
| 18.44 | 18.46 | 18.43 | 40.8\% | 78.5\% | 40.3\% | 65.4\% | 8.74 | 64.1\% | 74.0\% | 81.7\% | 10.0\% | 19.70 |
| 18.52 | 18.77 | 18.38 | 39.5\% | 78.3\% | 40.4\% | 66.0\% | 8.78 | 63.6\% | 74.0\% | 82.2\% | 10.4\% | 19.56 |
| 18.22 | 18.20 | 18.23 | 40.8\% | 78.6\% | 38.5\% | 64.1\% | 8.72 | 65.2\% | 75.6\% | 85.4\% | 10.3\% | 18.81 |
| 18.39 | 18.52 | 18.29 | 39.1\% | 78.2\% | 38.8\% | 63.8\% | 8.72 | 64.5\% | 73.8\% | 82.6\% | 9.4\% | 19.16 |
| 18.57 | 18.76 | 18.43 | 41.2\% | 77.9\% | 41.8\% | 66.6\% | 8.77 | 62.0\% | 73.1\% | 79.6\% | 10.2\% | 18.29 |
| 18.50 | 18.41 | 18.57 | 45.2\% | 77.0\% | 43.0\% | 66.9\% | 8.77 | 59.8\% | 69.9\% | 78.0\% | 9.9\% | 19.25 |
| 18.22 | 18.70 | 17.90 | 39.3\% | 77.2\% | 40.0\% | 64.8\% | 8.71 | 62.0\% | 72.2\% | 83.0\% | 10.2\% | 18.99 |
| 18.24 | 18.08 | 18.34 | 41.1\% | 77.5\% | 39.6\% | 64.4\% | 8.71 | 62.7\% | 73.3\% | 81.6\% | 10.5\% | 18.25 |
| 18.25 | 18.50 | 17.98 | 35.1\% | 77.7\% | 38.7\% | 65.2\% | 8.72 | 63.5\% | 71.3\% | 79.3\% | 8.7\% | 18.71 |
| 18.20 | 18.20 | 18.20 | 42.4\% | 76.5\% | 39.7\% | 64.6\% | 8.73 | 61.0\% | 71.1\% | 79.8\% | 10.1\% | 18.25 |
| 18.05 | 18.19 | 17.97 | 40.3\% | 77.1\% | 37.8\% | 63.1\% | 8.71 | 63.1\% | 72.2\% | 80.6\% | 10.1\% | 19.40 |
| 17.97 | 17.96 | 17.98 | 37.3\% | 76.8\% | 37.5\% | 61.9\% | 8.68 | 62.9\% | 71.6\% | 82.0\% | 9.3\% | 18.63 |
| 18.08 | 18.02 | 18.12 | 40.2\% | 75.6\% | 38.5\% | 62.6\% | 8.63 | 60.3\% | 69.4\% | 79.6\% | 9.8\% | 18.99 |
| 17.92 | 17.80 | 18.02 | 41.1\% | 74.6\% | 39.2\% | 64.1\% | 8.72 | 58.3\% | 69.2\% | 77.1\% | 11.7\% | 18.75 |
| 17.81 | 17.80 | 17.82 | 38.9\% | 76.2\% | 36.6\% | 62.0\% | 8.67 | 62.5\% | 72.6\% | 79.4\% | 10.8\% | 17.95 |
| 17.63 | 17.61 | 17.64 | 39.2\% | 74.8\% | 36.7\% | 61.6\% | 8.61 | 60.2\% | 68.2\% | 77.4\% | 9.0\% | 18.29 |
| 17.64 | 17.71 | 17.59 | 35.3\% | 75.1\% | 35.4\% | 63.4\% | 8.66 | 61.6\% | 68.5\% | 77.7\% | 8.2\% | 18.27 |
| 17.76 | 17.60 | 17.89 | 35.0\% | 75.5\% | 35.4\% | 61.7\% | 8.63 | 62.0\% | 70.5\% | 80.8\% | 9.6\% | 17.94 |
| 17.61 | 17.83 | 17.45 | 35.4\% | 75.2\% | 35.3\% | 60.2\% | 8.61 | 61.7\% | 69.9\% | 79.3\% | 9.5\% | 18.15 |
| 17.47 | 17.55 | 17.39 | 31.9\% | 75.7\% | 32.2\% | 61.3\% | 8.61 | 64.2\% | 73.9\% | 83.6\% | 11.0\% | 17.81 |
| 17.52 | 17.67 | 17.36 | 37.4\% | 73.6\% | 36.6\% | 63.2\% | 8.63 | 58.4\% | 66.8\% | 75.0\% | 9.5\% | 18.28 |
| 17.46 | 17.43 | 17.51 | 35.4\% | 73.9\% | 35.9\% | 61.2\% | 8.65 | 59.3\% | 67.1\% | 76.2\% | 9.5\% | 18.27 |
| 17.30 | 17.06 | 17.43 | 31.8\% | 73.3\% | 33.3\% | 59.7\% | 8.56 | 60.0\% | 69.1\% | 78.4\% | 11.2\% | 18.36 |
| 17.24 | 17.17 | 17.29 | 36.0\% | 72.1\% | 34.7\% | 59.4\% | 8.53 | 57.3\% | 65.6\% | 77.0\% | 10.4\% | 18.65 |
| 17.21 | 17.13 | 17.26 | 36.9\% | 72.5\% | 35.1\% | 59.7\% | 8.47 | 57.5\% | 65.7\% | 74.7\% | 9.5\% | 17.99 |

