

SPSS 26.0 OUTPUT

Building the persistence score construct



PROBE CONSULTING CO.
RUN 2.7 10.JUNE.2020



```
COMPUTE SUPS=F2F + G6YR.
EXECUTE.
```

```
SAVE OUTFILE='C:\Users\probe\Desktop\Persistence Success Score HBCU PUB 30.sav'
/COMPRESSED.
FREQUENCIES VARIABLES=F2F G6YR G4YR SUPS
/STATISTICS=STDDEV RANGE MINIMUM MAXIMUM MEAN MODE
/HISTOGRAM NORMAL
/ORDER=ANALYSIS.
```

Frequencies

| Notes | | |
|------------------------|--------------------------------|---|
| Output Created | | 10-JUN-2020 19:03:39 |
| Comments | | |
| Input | Data | C:\Users\probe\Desktop\Persistence Success Score HBCU PUB 30.sav |
| | Active Dataset | DataSet0 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data. |
| Syntax | | FREQUENCIES VARIABLES=F2F G6YR G4YR SUPS /STATISTICS=STDDEV RANGE MINIMUM MAXIMUM MEAN MODE /HISTOGRAM NORMAL /ORDER=ANALYSIS. |
| Resources | Processor Time | 00:00:01.42 |
| | Elapsed Time | 00:00:00.64 |

| | | Statistics | | | |
|----------------|---------|------------------------|---------------------|----------------------|---------------------|
| | | Fall-to-fall retention | Six-year graduation | Four-year graduation | Persistence Success |
| | | rate | rate | rate | Score |
| N | Valid | 30 | 30 | 30 | 30 |
| | Missing | 0 | 0 | 0 | 0 |
| Mean | | 64.10 | 30.87 | 13.63 | 94.97 |
| Mode | | 63 ^a | 30 ^a | 11 ^a | 74 ^a |
| Std. Deviation | | 8.857 | 9.493 | 6.542 | 16.389 |
| Range | | 42 | 39 | 28 | 74 |
| Minimum | | 36 | 9 | 1 | 51 |
| Maximum | | 78 | 48 | 29 | 125 |

a. Multiple modes exist. The smallest value is shown

Frequency Table

| Fall-to-fall retention rate | | | | | |
|-----------------------------|----|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 36 | 1 | 3.3 | 3.3 | 3.3 |
| | 53 | 1 | 3.3 | 3.3 | 6.7 |
| | 54 | 2 | 6.7 | 6.7 | 13.3 |
| | 55 | 1 | 3.3 | 3.3 | 16.7 |
| | 56 | 1 | 3.3 | 3.3 | 20.0 |
| | 59 | 1 | 3.3 | 3.3 | 23.3 |
| | 60 | 2 | 6.7 | 6.7 | 30.0 |
| | 61 | 1 | 3.3 | 3.3 | 33.3 |
| | 62 | 1 | 3.3 | 3.3 | 36.7 |
| | 63 | 3 | 10.0 | 10.0 | 46.7 |
| | 64 | 3 | 10.0 | 10.0 | 56.7 |
| | 65 | 1 | 3.3 | 3.3 | 60.0 |
| | 66 | 1 | 3.3 | 3.3 | 63.3 |
| | 68 | 1 | 3.3 | 3.3 | 66.7 |
| | 70 | 2 | 6.7 | 6.7 | 73.3 |
| | 72 | 3 | 10.0 | 10.0 | 83.3 |
| | 73 | 1 | 3.3 | 3.3 | 86.7 |
| | 74 | 1 | 3.3 | 3.3 | 90.0 |
| | 75 | 1 | 3.3 | 3.3 | 93.3 |
| | 77 | 1 | 3.3 | 3.3 | 96.7 |
| 78 | 1 | 3.3 | 3.3 | 100.0 | |
| Total | | 30 | 100.0 | 100.0 | |

Six-year graduation rate

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----|-----------|---------|---------------|--------------------|
| Valid | 9 | 1 | 3.3 | 3.3 | 3.3 |
| | 15 | 1 | 3.3 | 3.3 | 6.7 |
| | 18 | 1 | 3.3 | 3.3 | 10.0 |
| | 19 | 1 | 3.3 | 3.3 | 13.3 |
| | 21 | 1 | 3.3 | 3.3 | 16.7 |
| | 23 | 1 | 3.3 | 3.3 | 20.0 |
| | 24 | 2 | 6.7 | 6.7 | 26.7 |
| | 26 | 1 | 3.3 | 3.3 | 30.0 |
| | 27 | 1 | 3.3 | 3.3 | 33.3 |
| | 28 | 2 | 6.7 | 6.7 | 40.0 |
| | 29 | 2 | 6.7 | 6.7 | 46.7 |
| | 30 | 3 | 10.0 | 10.0 | 56.7 |
| | 33 | 1 | 3.3 | 3.3 | 60.0 |
| | 34 | 1 | 3.3 | 3.3 | 63.3 |
| | 35 | 1 | 3.3 | 3.3 | 66.7 |
| | 37 | 1 | 3.3 | 3.3 | 70.0 |
| | 39 | 3 | 10.0 | 10.0 | 80.0 |
| | 40 | 2 | 6.7 | 6.7 | 86.7 |
| | 42 | 1 | 3.3 | 3.3 | 90.0 |
| | 43 | 1 | 3.3 | 3.3 | 93.3 |
| 47 | 1 | 3.3 | 3.3 | 96.7 | |
| 48 | 1 | 3.3 | 3.3 | 100.0 | |
| Total | | 30 | 100.0 | 100.0 | |

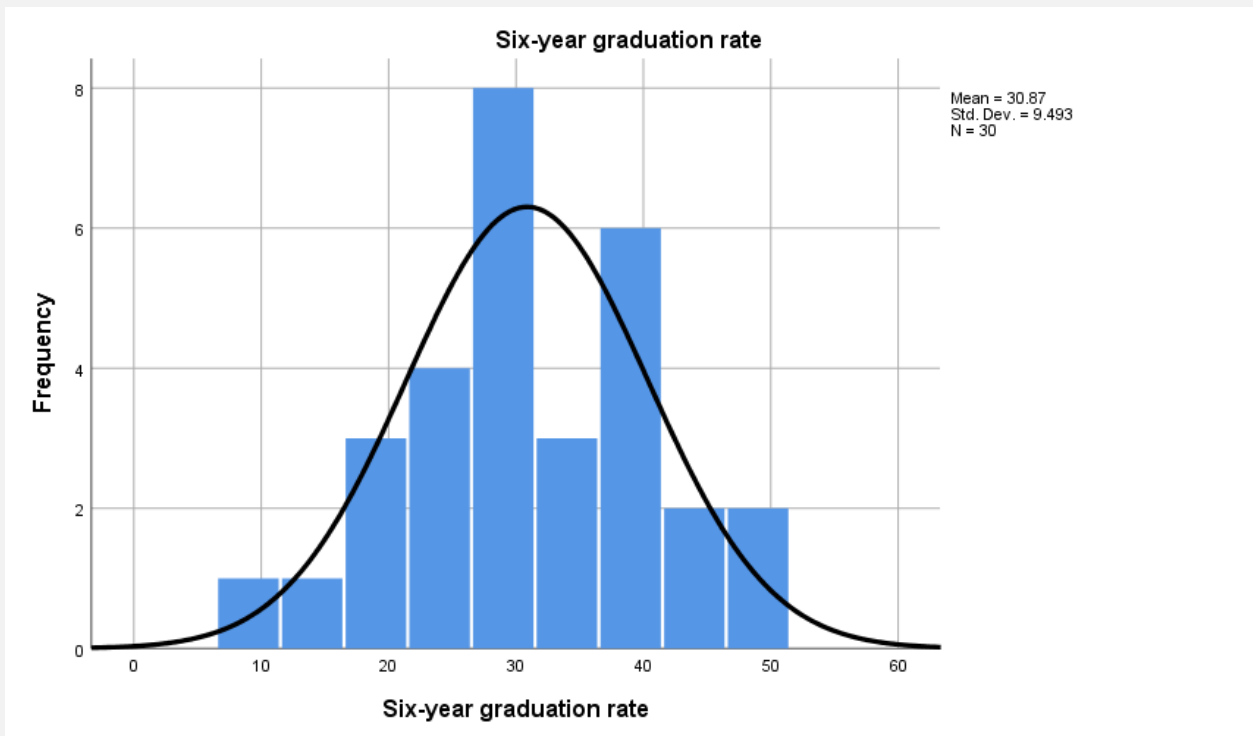
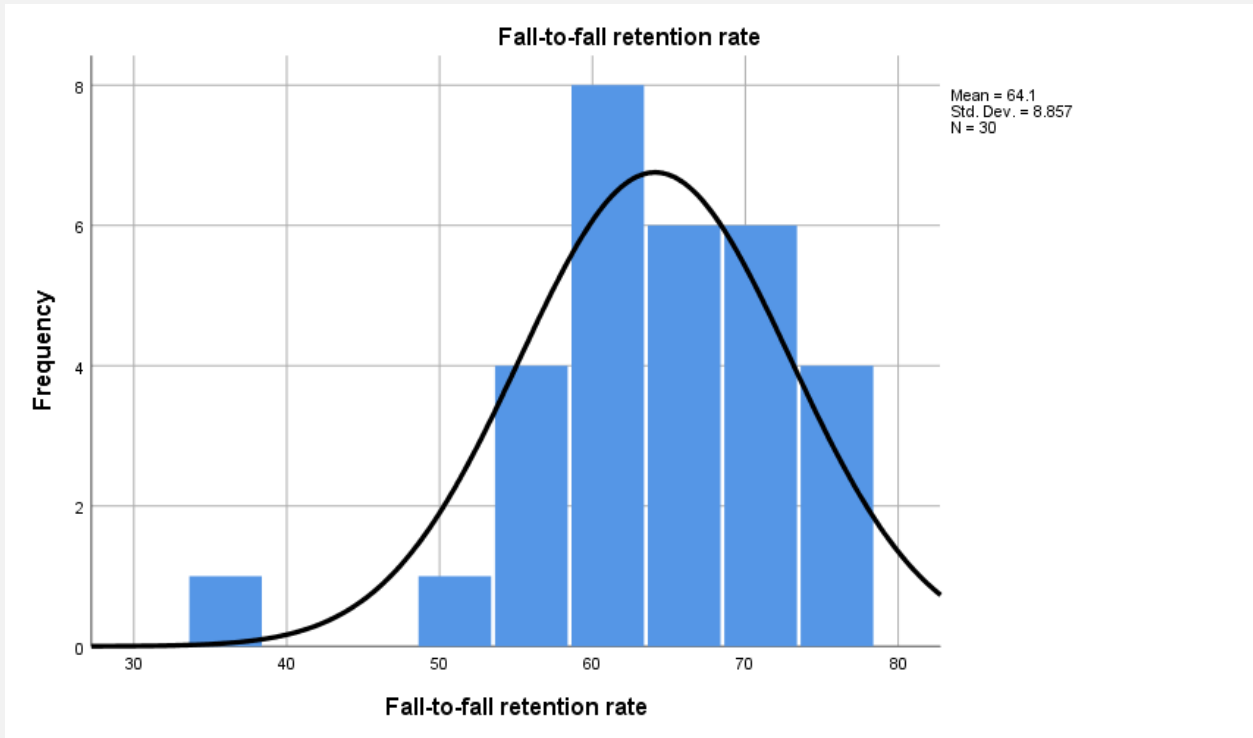
Four-year graduation rate

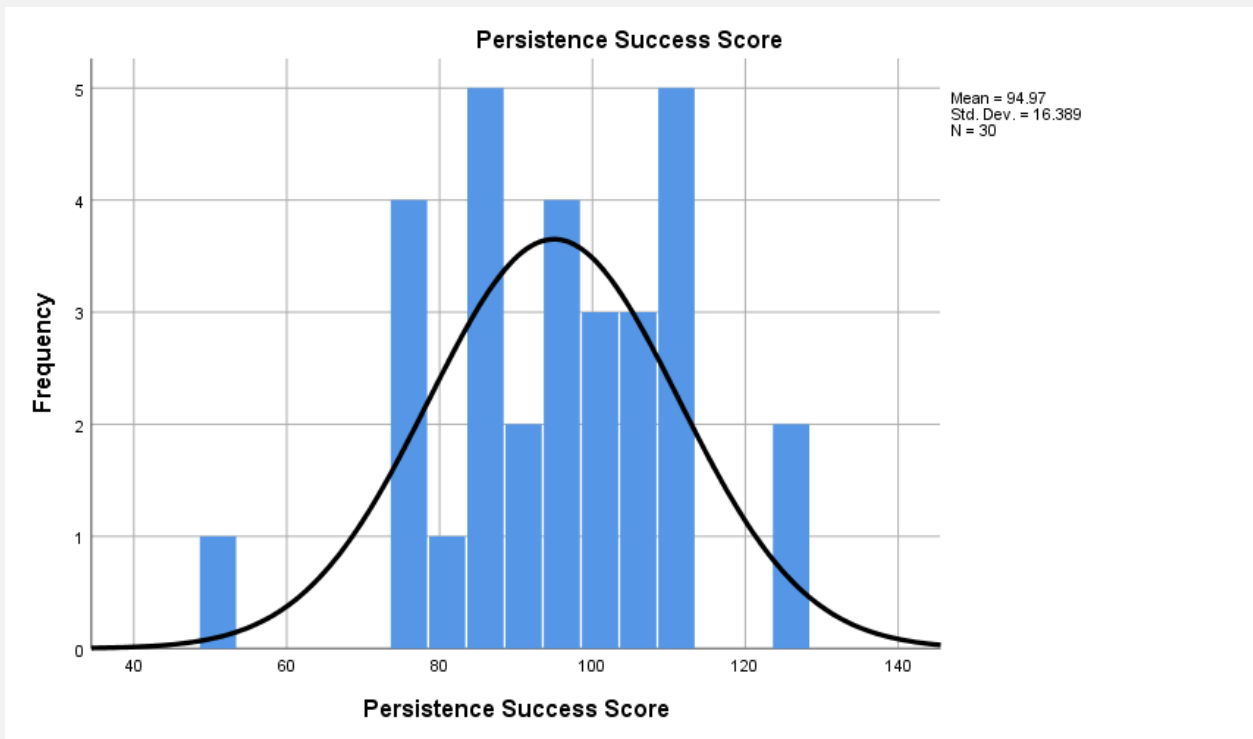
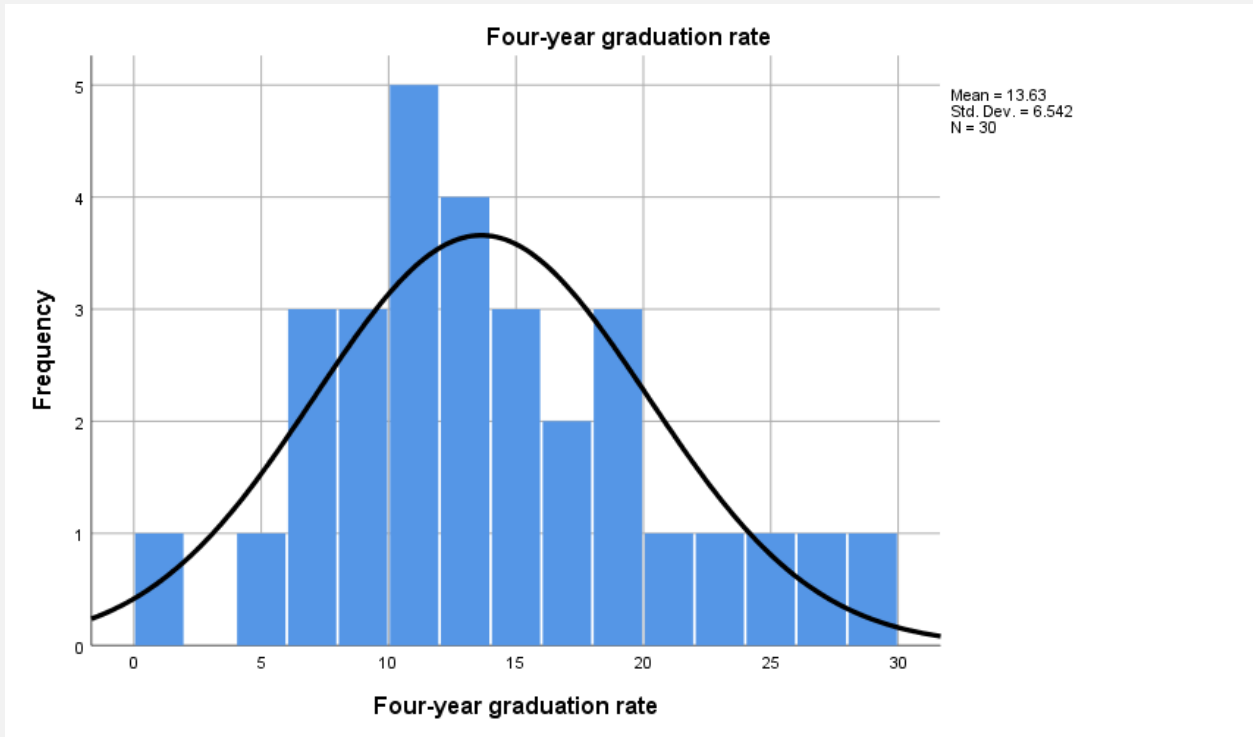
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 1 | 3.3 | 3.3 | 3.3 |
| | 5 | 1 | 3.3 | 3.3 | 6.7 |
| | 6 | 1 | 3.3 | 3.3 | 10.0 |
| | 7 | 2 | 6.7 | 6.7 | 16.7 |
| | 8 | 1 | 3.3 | 3.3 | 20.0 |
| | 9 | 2 | 6.7 | 6.7 | 26.7 |
| | 10 | 2 | 6.7 | 6.7 | 33.3 |
| | 11 | 3 | 10.0 | 10.0 | 43.3 |
| | 12 | 3 | 10.0 | 10.0 | 53.3 |
| | 13 | 1 | 3.3 | 3.3 | 56.7 |
| | 14 | 1 | 3.3 | 3.3 | 60.0 |
| | 15 | 2 | 6.7 | 6.7 | 66.7 |
| | 16 | 2 | 6.7 | 6.7 | 73.3 |
| | 18 | 1 | 3.3 | 3.3 | 76.7 |
| | 19 | 2 | 6.7 | 6.7 | 83.3 |
| | 21 | 1 | 3.3 | 3.3 | 86.7 |
| | 23 | 1 | 3.3 | 3.3 | 90.0 |
| | 24 | 1 | 3.3 | 3.3 | 93.3 |
| | 26 | 1 | 3.3 | 3.3 | 96.7 |
| | 29 | 1 | 3.3 | 3.3 | 100.0 |
| | Total | 30 | 100.0 | 100.0 | |

Persistence Success Score

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----|-----------|---------|---------------|--------------------|
| Valid | 51 | 1 | 3.3 | 3.3 | 3.3 |
| | 74 | 2 | 6.7 | 6.7 | 10.0 |
| | 75 | 1 | 3.3 | 3.3 | 13.3 |
| | 77 | 1 | 3.3 | 3.3 | 16.7 |
| | 81 | 1 | 3.3 | 3.3 | 20.0 |
| | 84 | 2 | 6.7 | 6.7 | 26.7 |
| | 87 | 1 | 3.3 | 3.3 | 30.0 |
| | 88 | 2 | 6.7 | 6.7 | 36.7 |
| | 89 | 2 | 6.7 | 6.7 | 43.3 |
| | 94 | 2 | 6.7 | 6.7 | 50.0 |
| | 96 | 1 | 3.3 | 3.3 | 53.3 |
| | 98 | 1 | 3.3 | 3.3 | 56.7 |
| | 99 | 1 | 3.3 | 3.3 | 60.0 |
| | 102 | 1 | 3.3 | 3.3 | 63.3 |
| | 103 | 1 | 3.3 | 3.3 | 66.7 |
| | 105 | 2 | 6.7 | 6.7 | 73.3 |
| | 107 | 1 | 3.3 | 3.3 | 76.7 |
| | 109 | 1 | 3.3 | 3.3 | 80.0 |
| | 110 | 1 | 3.3 | 3.3 | 83.3 |
| | 111 | 1 | 3.3 | 3.3 | 86.7 |
| 112 | 1 | 3.3 | 3.3 | 90.0 | |
| 113 | 1 | 3.3 | 3.3 | 93.3 | |
| 125 | 2 | 6.7 | 6.7 | 100.0 | |
| Total | | 30 | 100.0 | 100.0 | |

Histogram





SORT CASES BY INST (A).

Report

```
/FORMAT=CHWRAP(ON) BRKSPACE(-1) SUMSPACE(0) AUTOMATIC PREVIEW(OFF) CHALIGN(BOTTOM) CHDSPACE(1)
  UNDERSCORE(ON) ONEBREAKCOL(OFF) PAGE(1) MISSING'.' LENGTH(1, 39) ALIGN(LEFT) TSPACE(1)
FTSPACE(1)
  MARGINS(1,81)
/TITLE=RIGHT 'Page )PAGE'
/VARIABLES F2F 'Fall-to-fall retention rate' 'Sum' (RIGHT) (OFFSET(0)) (12) G6YR 'Six-year '+
  'graduation rate' 'Sum' (RIGHT) (OFFSET(0)) (10) SUPS 'Persistence Success Score ' 'Sum'
(RIGHT)
  (OFFSET(0)) (11)
/BREAK INST (LABELS) (LEFT) (OFFSET(0)) (SKIP(1)) (42)
/SUMMARY SUM(F2F) SKIP(0) SUM(G6YR) SUM(SUPS).
```

Report

| Notes | |
|----------------|---|
| Output Created | 10-JUN-2020 19:06:23 |
| Comments | |
| Input | Data |
| | C:\Users\probe\Desktop\Persistence Success Score HBCU PUB 30.sav |
| | Active Dataset |
| | DataSet0 |
| | Filter |
| | <none> |
| | Weight |
| | <none> |
| | Split File |
| | <none> |
| | N of Rows in Working Data File |
| | 30 |

| | | | | | |
|----------------|---|----------------|-------------|--------------|-------------|
| Syntax | <pre> Report /FORMAT=CHWRAP(ON) BRKSPACE(-1) SUMSPACE(0) AUTOMATIC PREVIEW(OFF) CHALIGN(BOTTOM) CHDSPACE(1) UNDERSCORE(ON) ONEBREAKCOL(OFF) PAGE(1) MISSING.' ' LENGTH(1, 39) ALIGN(LEFT) TSPACE(1) FTSPACE(1) MARGINS(1,81) /TITLE=RIGHT 'Page)PAGE' /VARIABLES F2F 'Fall-to-fall retention rate' 'Sum' (RIGHT) (OFFSET(0)) (12) G6YR 'Six-year '+ 'graduation rate' 'Sum' (RIGHT) (OFFSET(0)) (10) SUPS 'Persistence Success Score ' 'Sum' (RIGHT) (OFFSET(0)) (11) /BREAK INST (LABELS) (LEFT) (OFFSET(0)) (SKIP(1)) (42) /SUMMARY SUM(F2F) SKIP(0) SUM(G6YR) SUM(SUPS). </pre> | | | | |
| Resources | <table border="1"> <tr> <td style="background-color: #e0e0e0;">Processor Time</td> <td style="text-align: right;">00:00:00.00</td> </tr> <tr> <td style="background-color: #e0e0e0;">Elapsed Time</td> <td style="text-align: right;">00:00:00.01</td> </tr> </table> | Processor Time | 00:00:00.00 | Elapsed Time | 00:00:00.01 |
| Processor Time | 00:00:00.00 | | | | |
| Elapsed Time | 00:00:00.01 | | | | |

| Institution | Fall-to-fall retention rate Sum | Six-year graduation rate Sum | Persistence Success Score Sum |
|------------------------------------|--|---------------------------------------|--|
| Alcorn State University | 73 | 40 | 113 |
| Alabama A&M University | 61 | 27 | 88 |
| Alabama State University | 59 | 30 | 89 |
| Albany State University | 62 | 19 | 81 |
| Bluefield State College | 63 | 26 | 89 |
| Bowie State University | 68 | 42 | 110 |
| Central State University | 54 | 23 | 77 |
| Cheyney University of Pennsylvania | 36 | 15 | 51 |
| Coppin State University | 63 | 24 | 87 |
| Delaware State University | 72 | 40 | 112 |
| Fort Valley State University | 75 | 28 | 103 |
| Grambling State University | 72 | 33 | 105 |
| Harris-Stowe State University | 65 | 9 | 74 |
| Jackson State University | 53 | 43 | 96 |
| Kentucky State University | 56 | 18 | 74 |
| Lincoln University | 78 | 47 | 125 |

| Institution | Fall-to-fall retention rate Sum | Six-year graduation rate Sum | Persistence Success Score Sum |
|--|---------------------------------|------------------------------|-------------------------------|
| Morgan State University | 72 | 39 | 111 |
| Norfolk State University | 70 | 37 | 107 |
| Prairie View A&M University | 74 | 35 | 109 |
| Savannah State University | 60 | 28 | 88 |
| South Carolina State University | 64 | 34 | 98 |
| Southern University and A&M College | 64 | 30 | 94 |
| Tennessee State University | 64 | 30 | 94 |
| Texas Southern University | 54 | 21 | 75 |
| University of Arkansas--Pine Bluff | 70 | 29 | 99 |
| University of Maryland--Eastern Shore | 63 | 39 | 102 |
| University of the District of Columbia | 60 | 24 | 84 |
| Virginia State University | 66 | 39 | 105 |
| West Virginia State University | 55 | 29 | 84 |
| Winston-Salem State University | 77 | 48 | 125 |

