



Black Graduation Rates

By Andy Schmeck

Agenda



01

Business



02

Data



03

Modeling



04

Conclusion

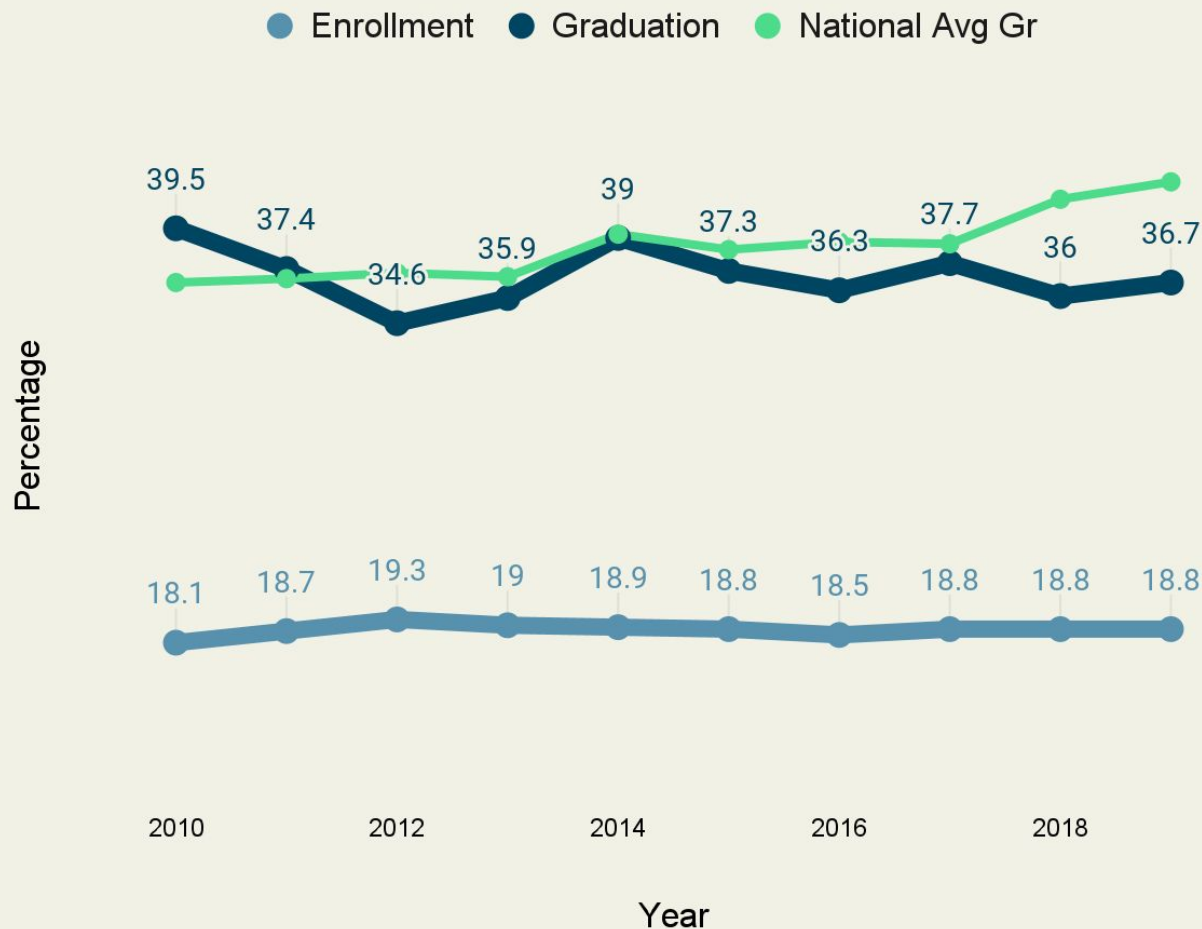


Business Understanding

**Serving 12 Public
Colleges
And ~16,010
Black Students**



IL Black Enrollment/Graduation Rates



What if students don't graduate?



Total student
loan debt in the
U.S. has reached
\$1.5 TRILLION



Tuition
\$13,073/year

Data





Integrated Postsecondary Education Data System (IPEDS)

- 10 years of financials
- 587 public colleges (and 1091 private)
- Target:

6 year graduation rate for black students



Modeling

The Process

1

**Check for
Significance
(37)**

2

**Remove Low
Impact Features
(15)**

3

**Top Features
(5)**



Top Features

- **Research Budget %**
- **Discounts**
- **Appropriations**
- **Grants by State**
- **Auxiliary Enterprises**



Recommendations



Recommendations

5% increase in Research

Discounts for food, housing, etc.

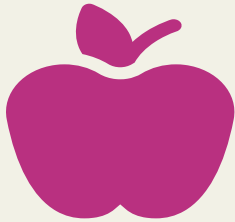


Recommendations

5% increase in Research

Discounts for food, housing, etc.

For every \$1,000/student ...



Food
\$6,602



Housing
\$9,595



Books
\$1,207



Next Steps



Going forward ...

- **Use all of IPEDS**
- **Expand the Target**
- **Optimize Financial Aid**



Thanks!

Do you have any questions?

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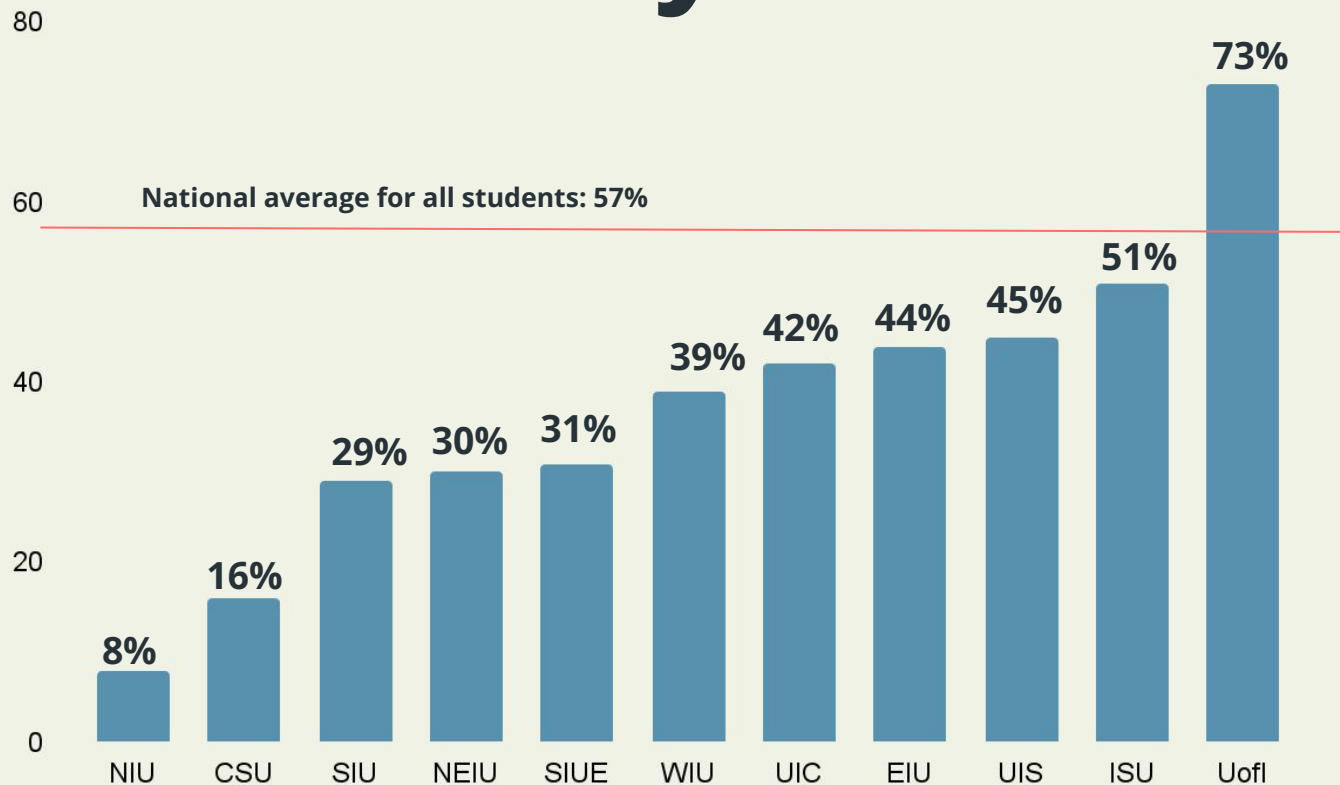
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Appendix



Black GR by IL School



Black/White GR's

