



Stony Brook University

Debt of Graduates and Cohort Default Rates at Stony Brook University

Panel on Student Borrowing in a Multi-Campus System

Braden J. Hosch, Ph.D.

Asst. Vice President for Institutional Research, Planning & Effectiveness
Stony Brook University

AIR Annual Forum

May 29, 2015



OVERVIEW

Preliminary findings as part of system and institution efforts to address college affordability and educational debt burden

Debt of Graduates

- Importance of local context
- Models diverge for Pell/Non-Pell Recipients
 - Low R-sq.
 - Don't adequately predict high debt
- More high debt among 4-year grads

Defaulters

- 30% of defaulters borrowed under \$10k
- Much higher risk for
 - Non-graduates
 - Independent students
 - Pell recipients
 - Low Adj. Gross Income
 - Transfer Students

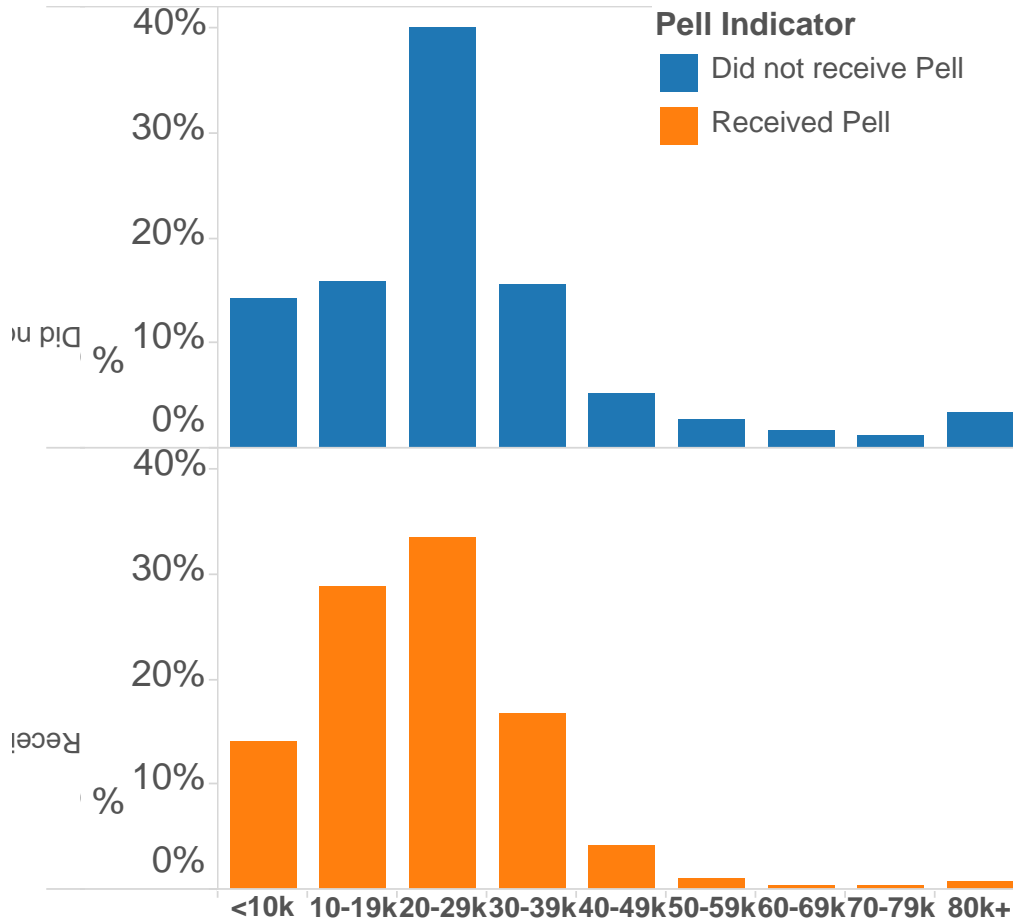


INSTITUTIONAL PROFILE

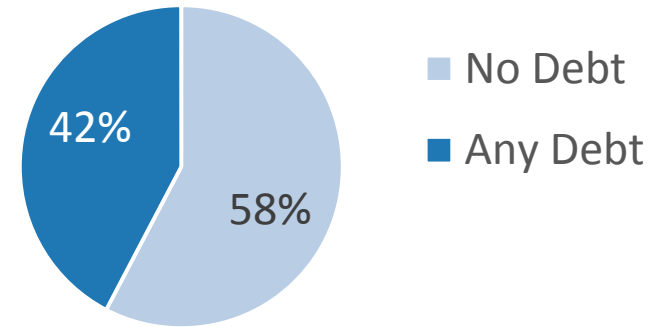
Students: 24,607 fall headcount 67% Undergraduate	Institution: Carnegie Very High Research U Public AAU
Undergraduate Profile 1243 avg. SAT 69% six-year graduation rate	Undergraduate Profile Completions: 6,475 31% STEM, 24% Health
Employees: 14,500, including hospital	Faculty: 2,602 Total 1,085 Tenured/Tenure Track
Annual Budget: 2.3 billion USD	Annual Research Expenditures: 220 million USD



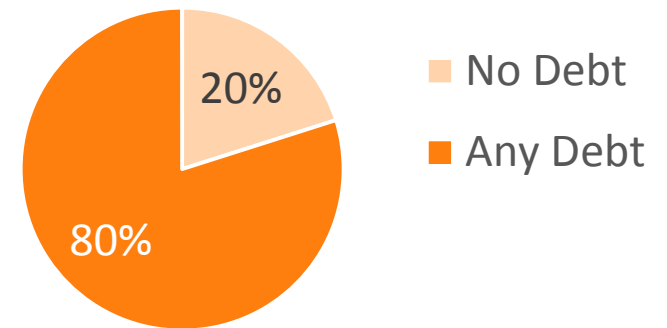
DEBT OF BACHELOR'S RECIPIENTS



Did Not Receive Pell



Received Pell



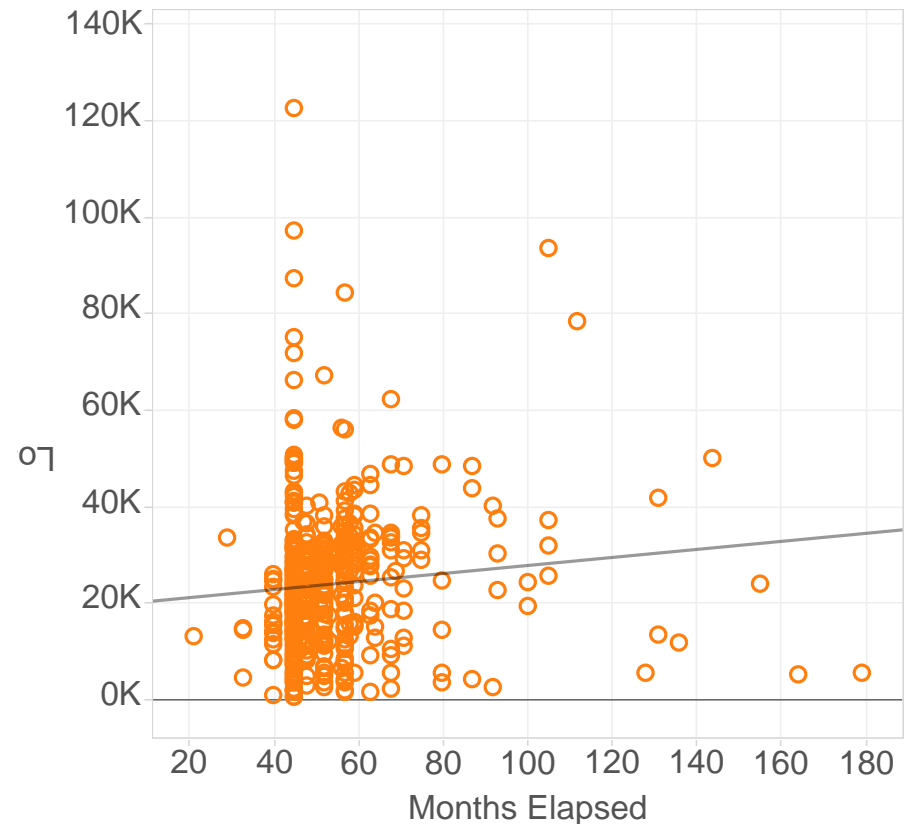
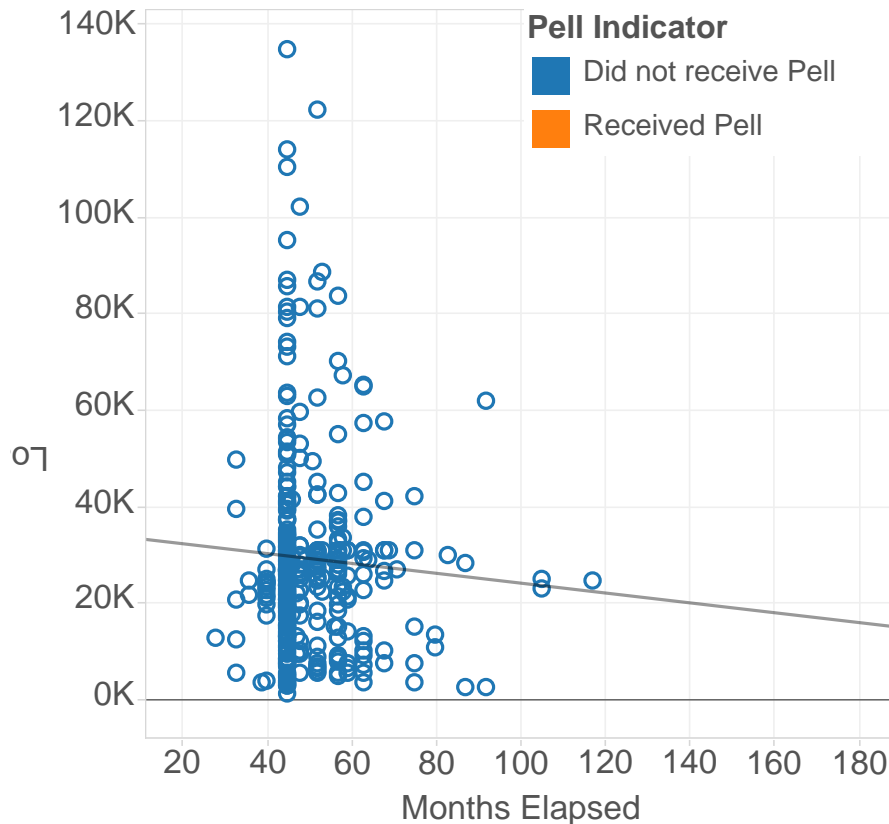


EXPLORATORY DEBT MODELS

- Dependent variable = total amount borrowed
- Pell Recipients, R-squared = 0.102
 - First Estimated Family Contribution
 - Institutional Grants
 - GPA at Completion
- Did Not Receive Pell, R-squared = 0.055
 - Underrepresented Minority
 - State Scholarships Amount (Career)
 - GPA at Completion



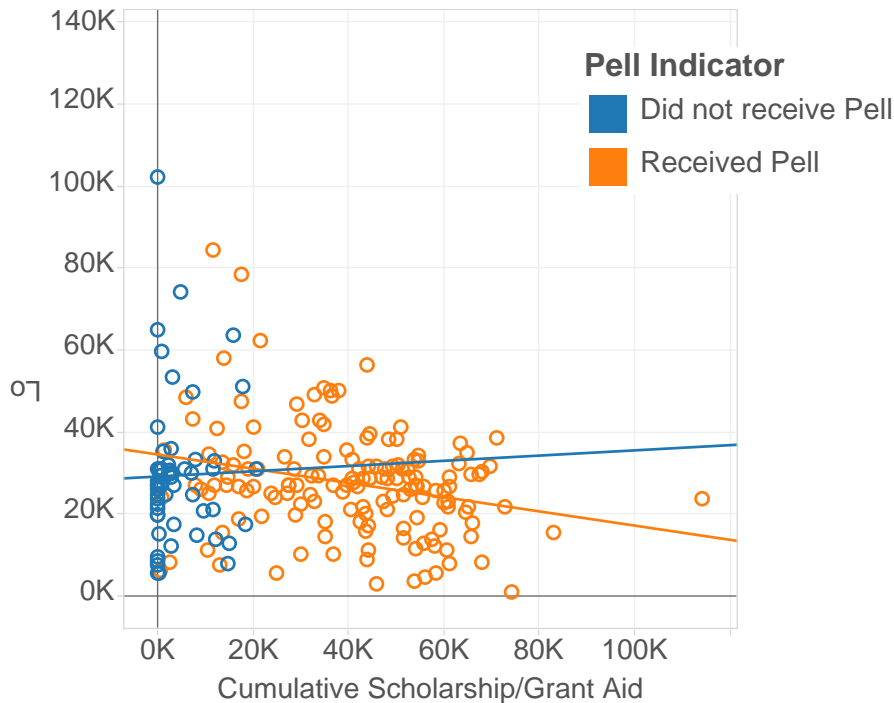
DEBT OF BACHELOR'S RECIPIENTS By Months to Degree



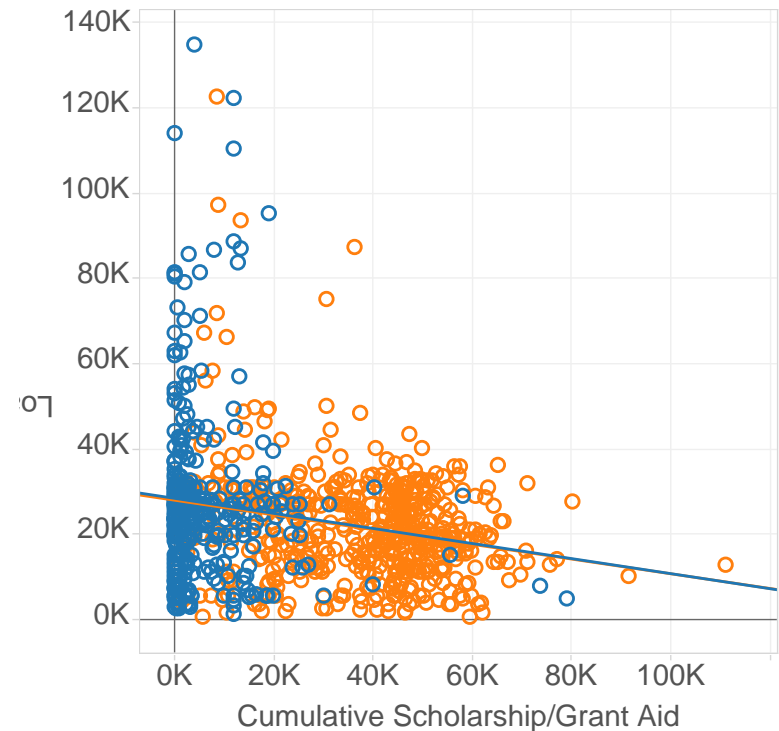


DEBT OF BACHELOR'S RECIPIENTS By Total Grant/Scholarship Aid

Underrepresented Minorities

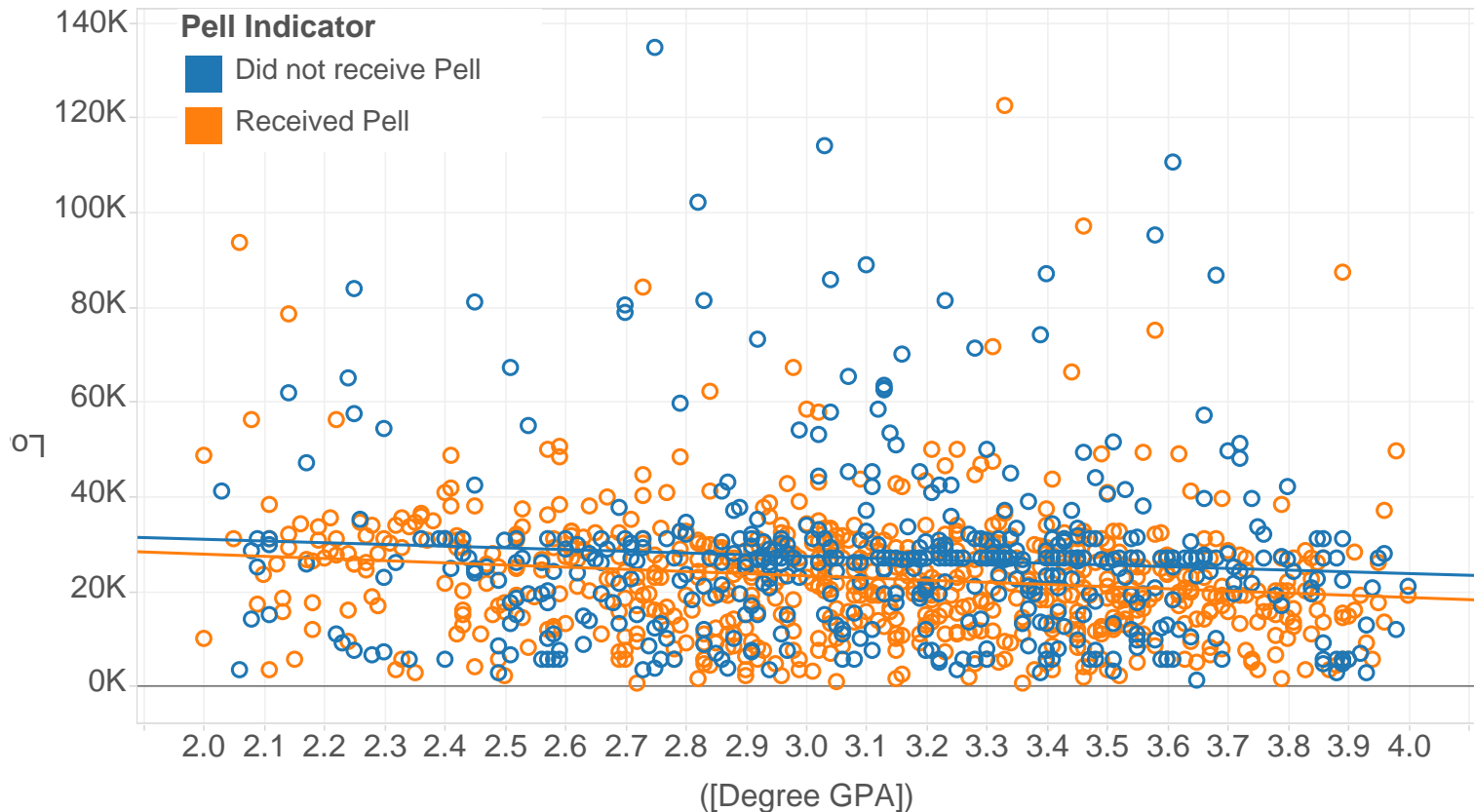


All Others





DEBT OF BACHELOR'S RECIPIENTS By Degree GPA





DEFAULTERS & COHORT DEFAULT RATE

	2009	2010	2011	2012*	Total
Actual					
Defaulters	206	199	204	137	746
CDR	5.8%	5.3%	5.1%	3.1%	4.7%
Study					
Defaulters	196	189	199	130	714
CDR	5.5%	5.1%	5.0%	3.1%	4.6%
Study UG					
Defaulters	167	163	170	109	609
CDR	6.5%	6.3%	6.2%	3.9%	5.7%

All rates are 3-year CDR

* 2012 rate is preliminary



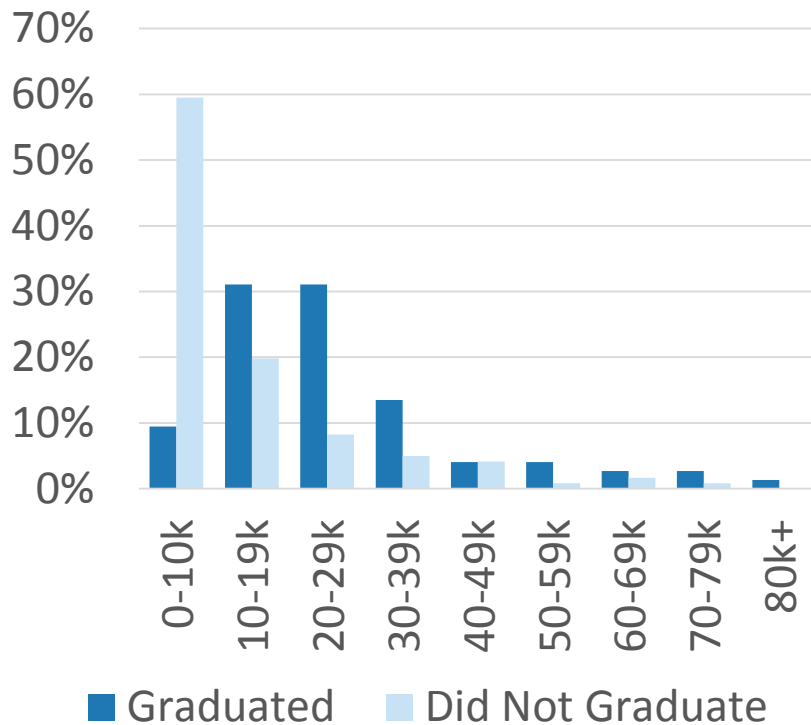
COHORT DEFAULT ANALYSIS

- Obtain list of defaulters from Financial Aid Office
- Establish comparison groups
 - Enrolled in year prior to CDR cohort year
 - Had any loan debt
 - Not enrolled in subsequent year (assume in repayment)
- Most analysis limited to undergraduates

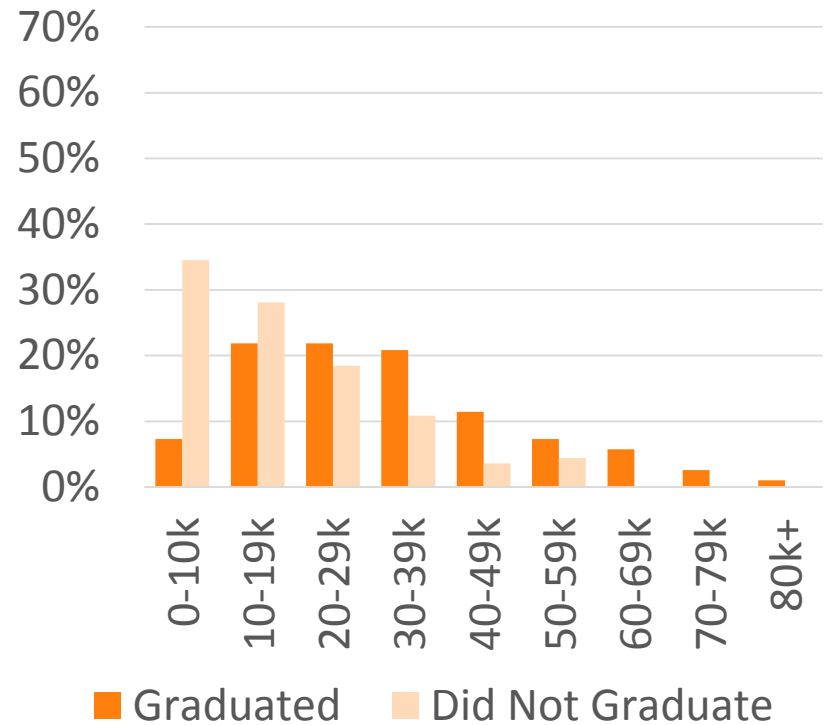


TOTAL DEBT OF UNDERGRAD DEFAULTERS

Did Not Receive Pell

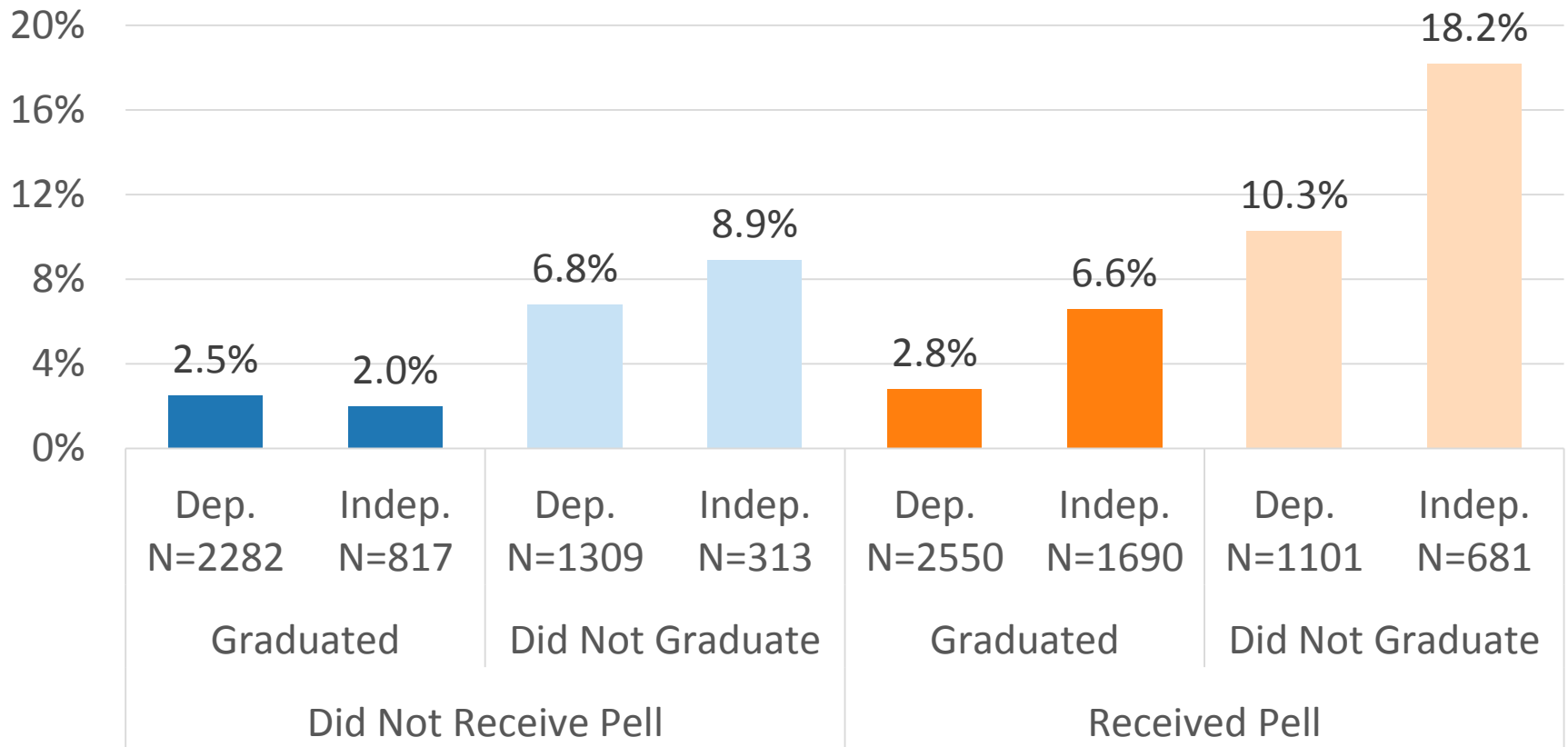


Received Pell



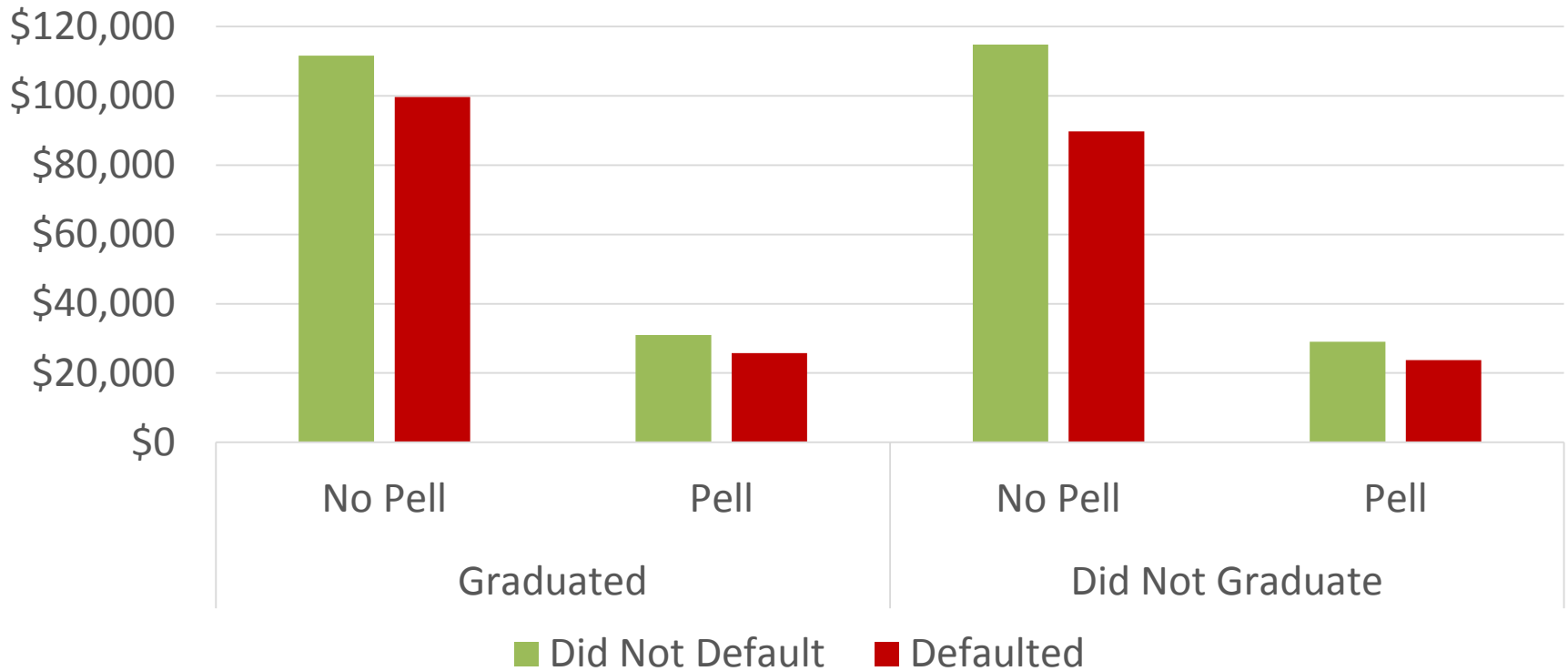


DEFAULT RATES OF UNDERGRADUATES



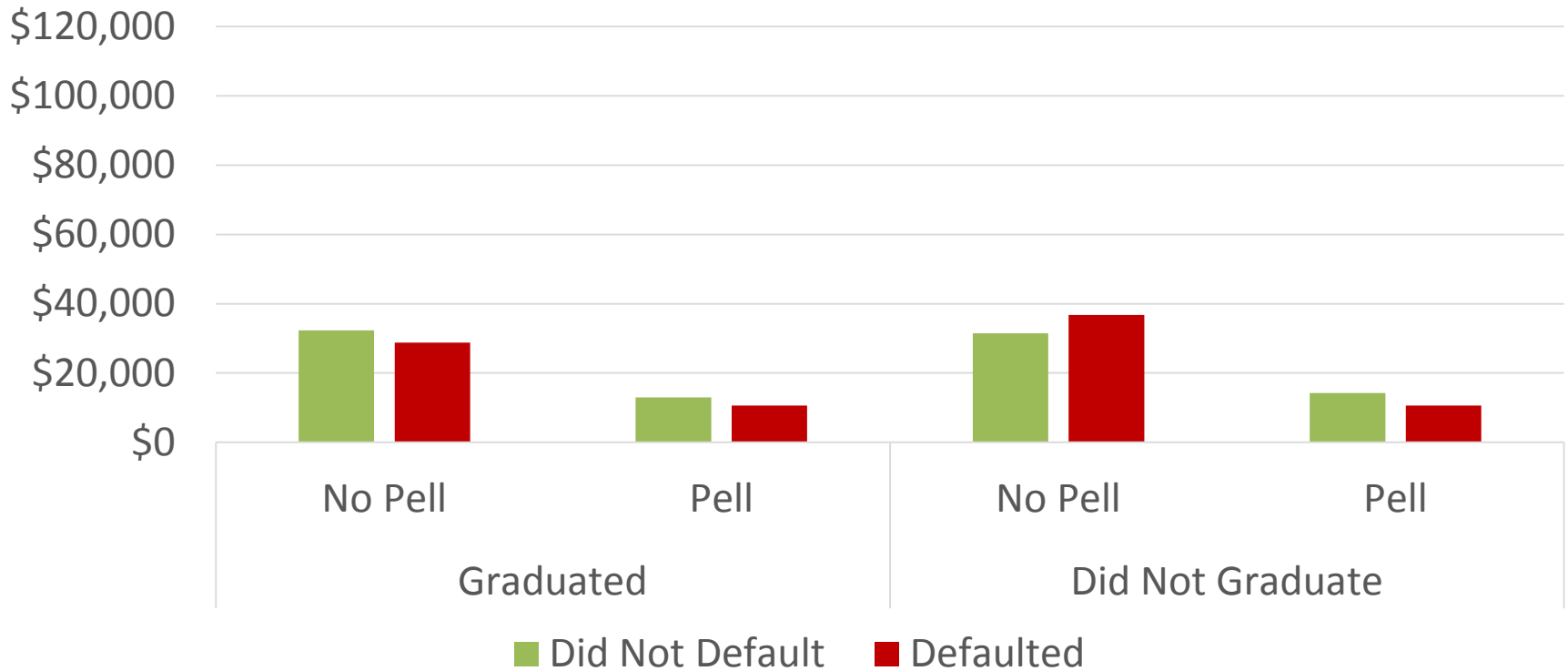


AVERAGE ADJUSTED GROSS INCOME DEPENDENT STUDENTS





AVERAGE ADJUSTED GROSS INCOME INDEPENDENT STUDENTS





TAKEAWAYS

1. National and system context are important but should never replace local analysis
2. Developing partnerships with Financial Aid Office essential to obtaining and understanding data
3. Stony Brook's easily accessible data does not explain high borrowing behavior
4. Patterns more evident in Stony Brook's default rates and can inform action plans