



April 14, 2025

OER Key Performance Indicators: FY24

Executive Summary

Assessment Committee: Connie Strittmatter (Chair), Emily Alling, Bob Awkward, Corinne Ebbs, Niki Nguyen, Bernadette Sibuma, Mandy Simons, Suzanne Smith, & Emma Wood



MASSACHUSETTS
Department of
Higher Education

Overview

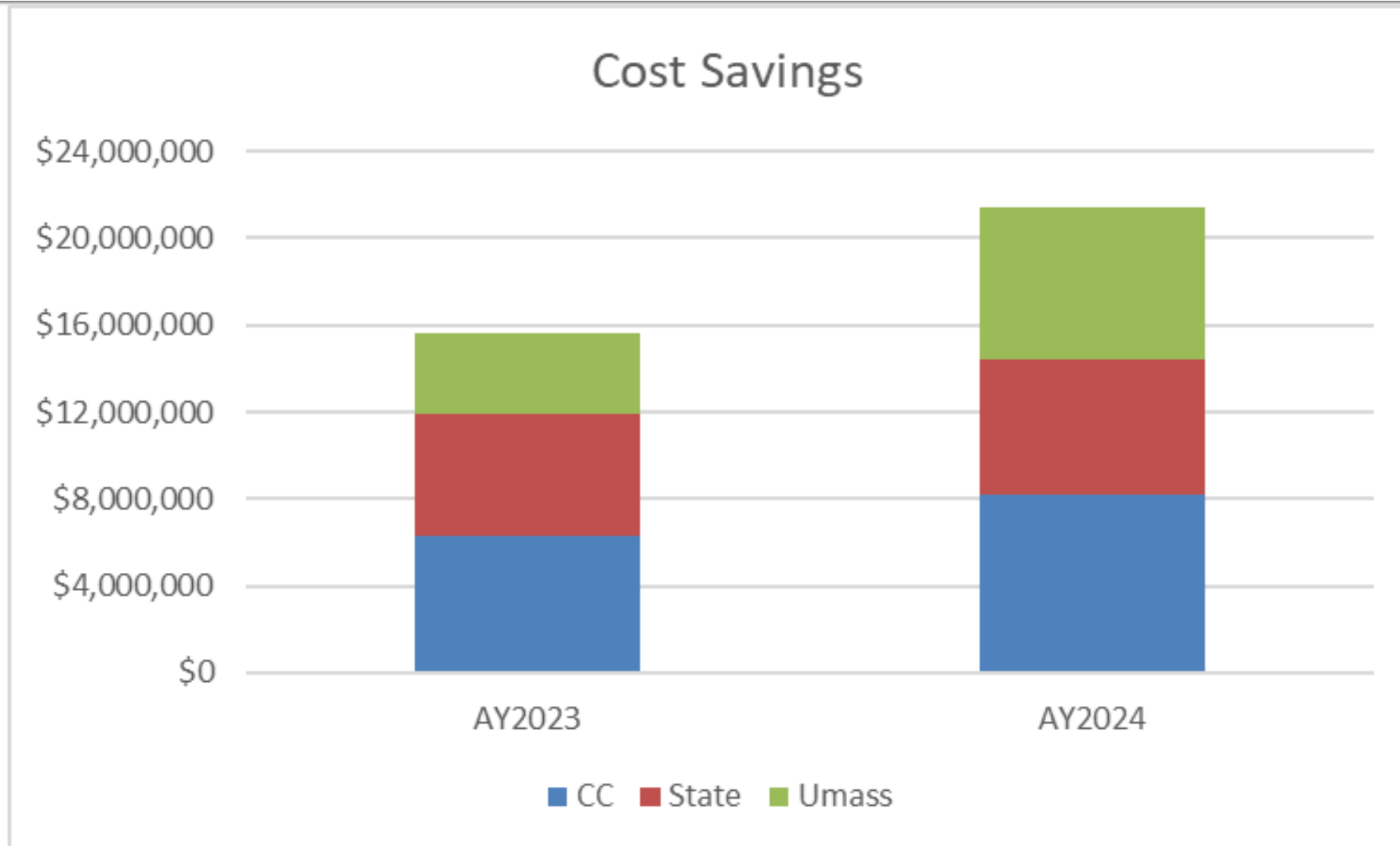
- AY 20 24: 26 out of 28 undergraduate- serving institutions (93%) reported at least some data.
 - 15 (100%) - Community Colleges
 - 9 (100%) - State Universities
 - 2 (50%) - University of Massachusetts System

- AY 20 23: 26 out of 28 undergraduate- serving institutions (93%) reported at least some data.
 - 15 (100%) - Community Colleges
 - 8 (88.8%) - State Universities
 - 3 (75%) - University of Massachusetts System

KPI 1A: Cost Savings

\$21,446,915

KPI A: Student Savings Chart Form



KPI 1A: Student Savings

	AY 2023	AY 2024
Community Colleges	\$6,293,423	\$8,222,410
State Universities	\$5,579,806	\$6,176, 219
UMass	\$3,756,448	\$7,048,286
Total	\$15,629,677	\$21,446,915
% change		37.2%

KPI 1B: Return on Investment

- Institutions are asked to report the following data to calculate return on investment (ROI)
 - KPI- 1B.1 Stipends paid to individuals attending Open Education professional development opportunities
 - KPI- 1B.2 Stipends paid to faculty who adopt, adapt, or create Open Educational Resources via a grant program.

KPI 1B: Return on Investment

Since AY22, ROI = \$58.83

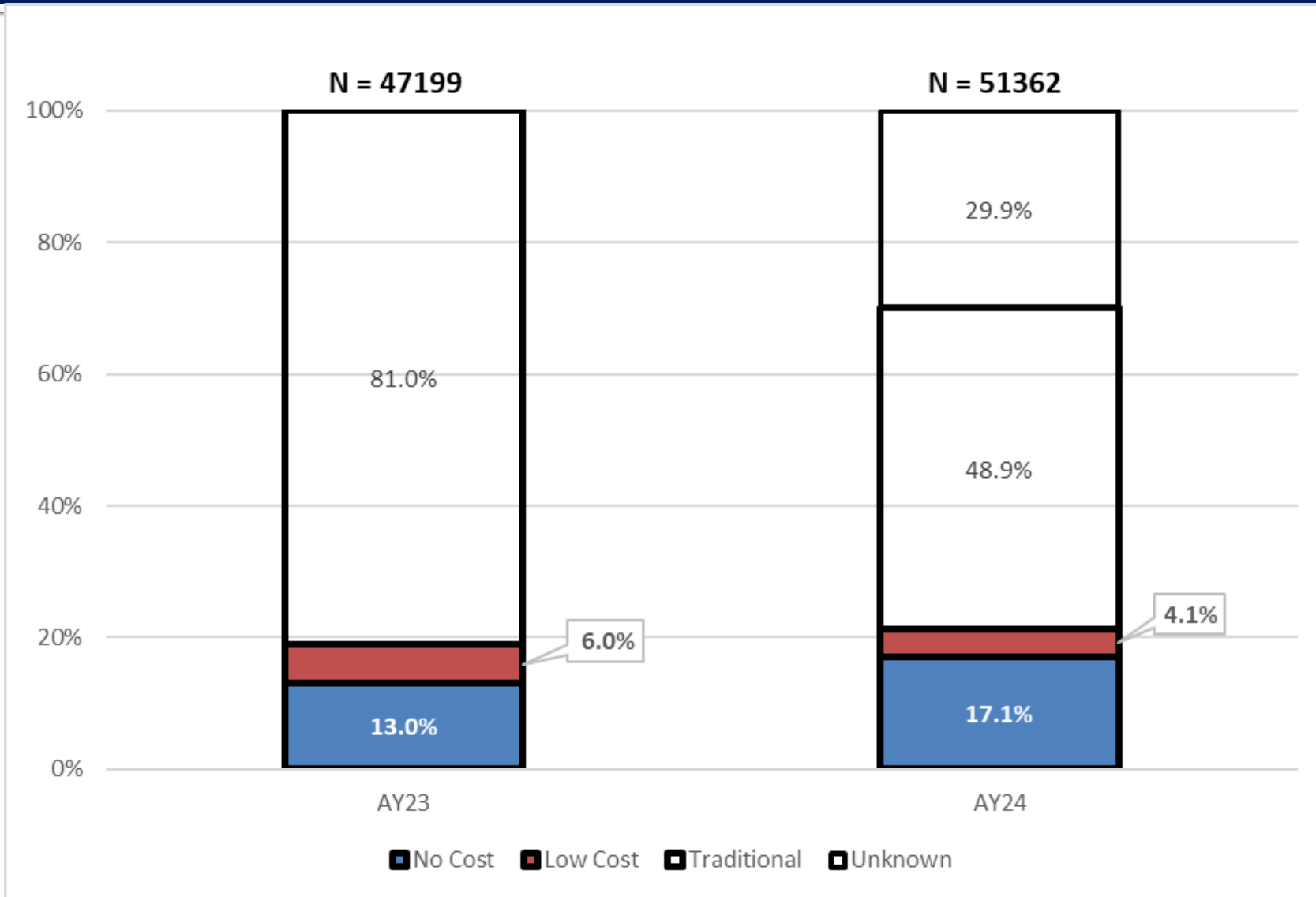
\$44,698,586 in Savings

7,621,994 (AY22) + \$15,629,677 (AY23) + **\$21,446,915 (AY24)**

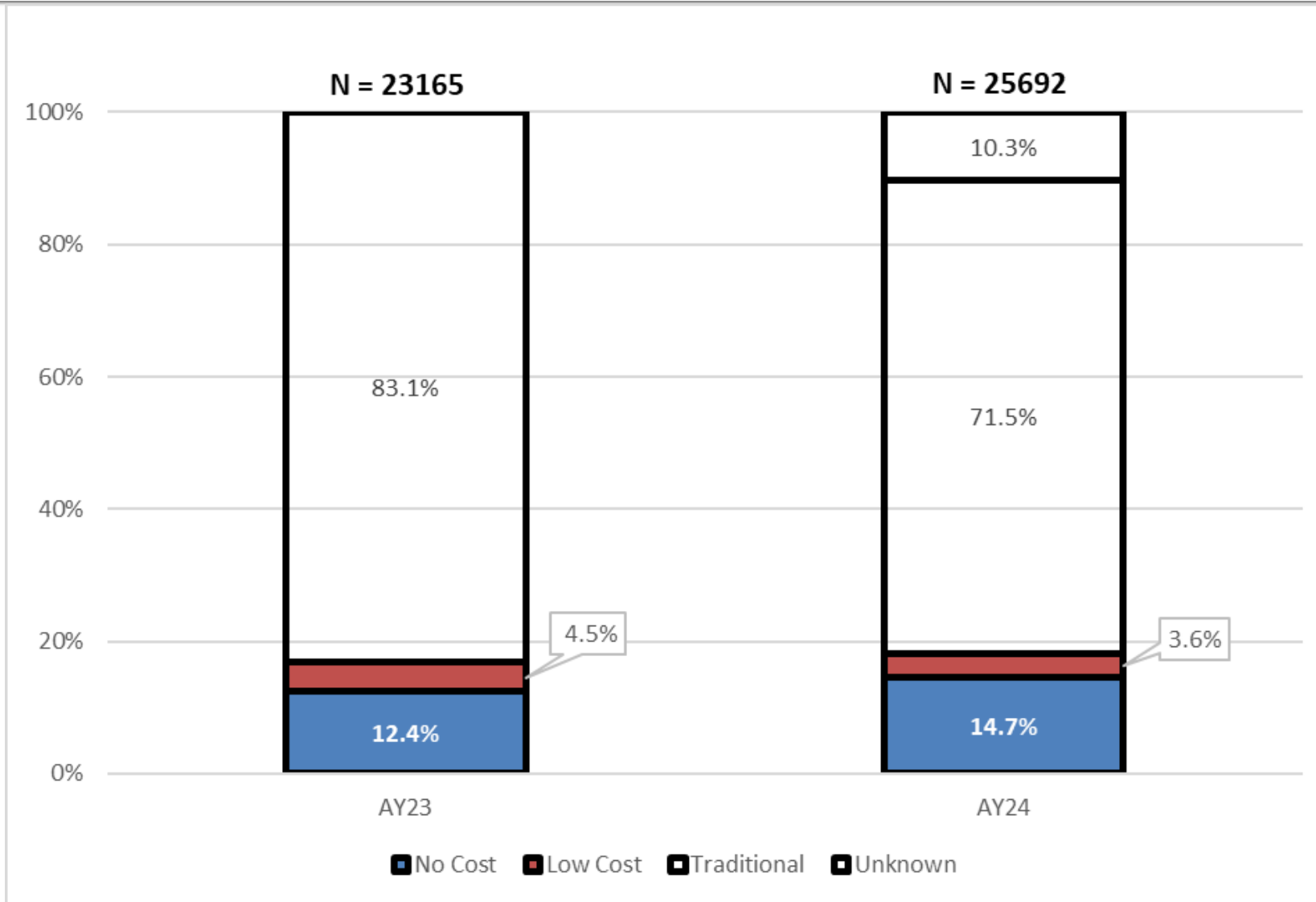
\$747,077 in Investments

\$487,245 (Institutional) + \$222,000 (DHE) + \$37,832 (ROTEL)

KPI 2: % of Course Section Reporting Institution



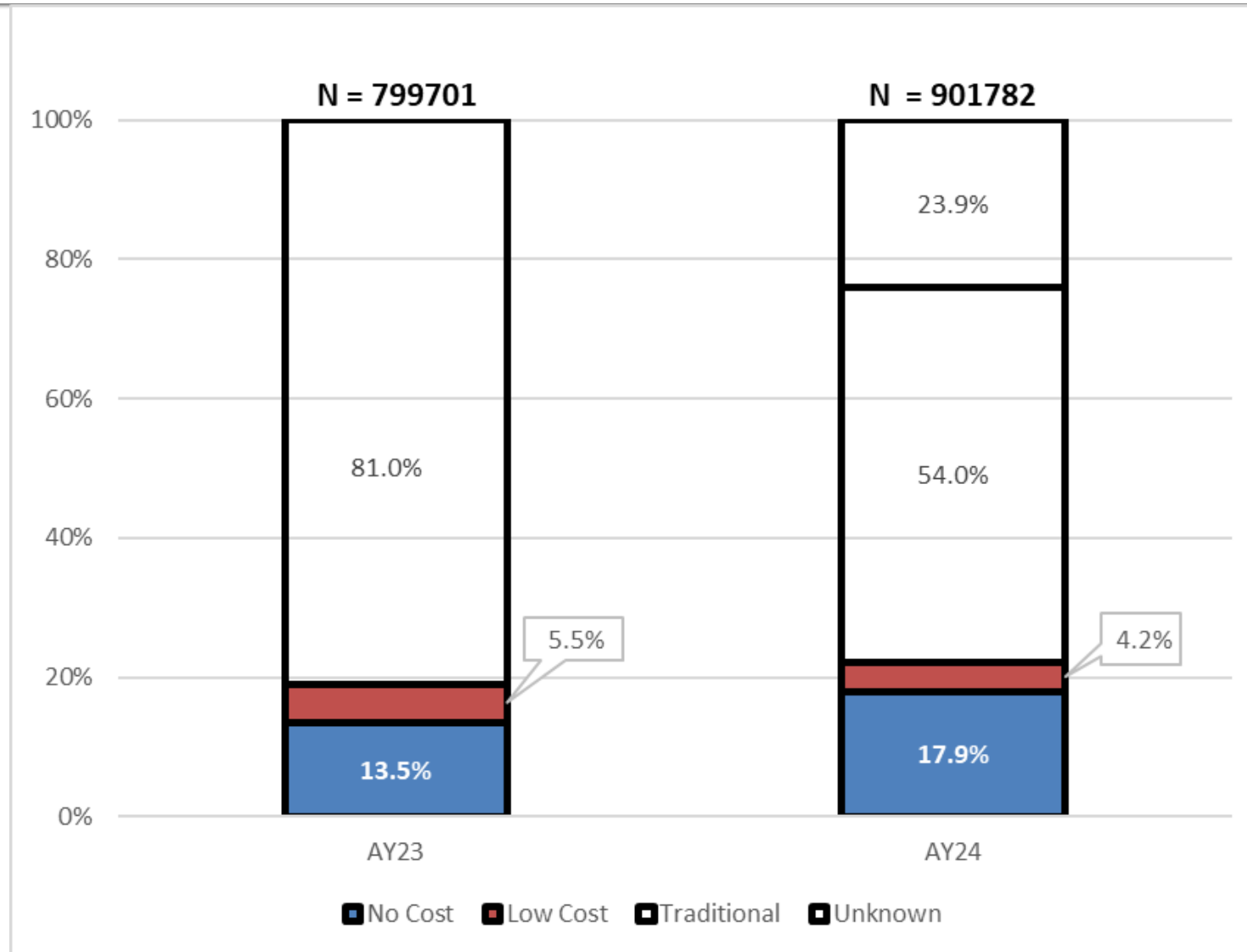
KPI 2: % of Course Sections Community College



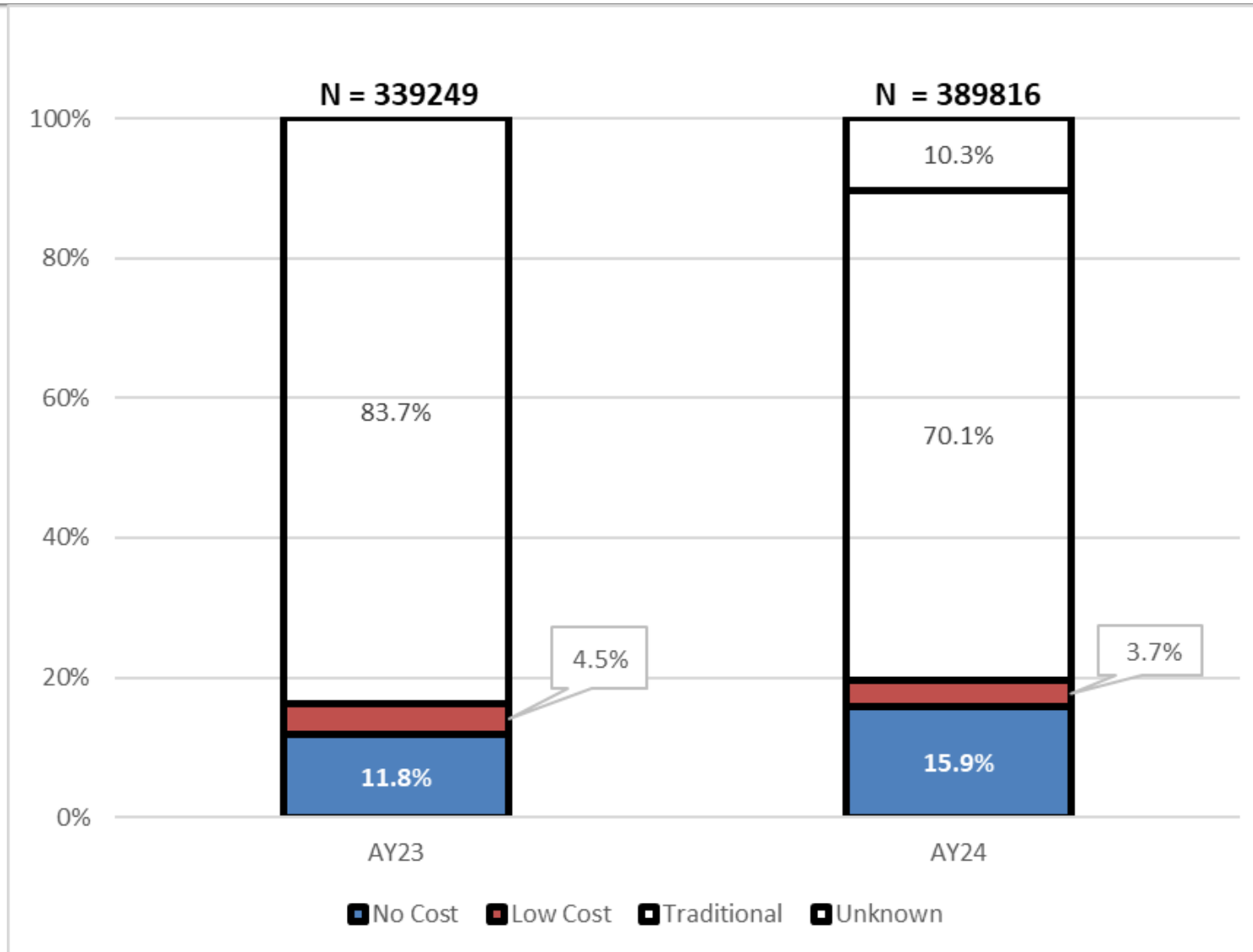
KPI 2: Course Section AY23: ALL

- Overall percentage of No Cost = 17.1%
- Overall percentage of Low Cost = 4.1%
- Overall percentage of No/Low Cost = 21.2%
- Percentage Change
 - AY23 vs AY24 No Cost: +37.7% | Low Cost: 19.6%

KPI 3: Student Enrollments Reporting Institution



KPI 3: Student Enrollment in Community Colleges



KPI 3: Student Enrollments ALL

- Percentage of student enrollments in No Cost = 17.9%
- Percentage of student enrollments in Low Cost = 4.2%
- Percentage of No/Low cost student enrollments = 22.1%
- Percentage Change:
 - AY23 vsAY24:No Cost: +49.6% | Low Cost:15.1%

KPI 4: Professional Development

	AY23	AY24
# of PD Opportunities	121	110
# of PD hours	232	317
# of Faculty participating in PD	965	546
Total number of faculty hours spent on PD	6,045	1548

KPI 4: Faculty/Staff Participation in Professional Development Takeaways

- Professional development opportunities and participation decreased over last year.
 - On average, faculty spent 3 hours less on OER PD than they did in AY23
 - AY23: 6.2 hours | AY24 2.84 hours
- Has there been a decrease in demand from faculty for OER PD?

These questions may need to be looked at the institutional level rather than in the aggregate.

KPI 5: DFW Rate Reporting

- Schools were inconsistent in reporting practices- Roxbury CC excluded from next reports due to missing data

	UMass campuses	State Universities	Community colleges	Total
Reported no cost, low cost, traditional, and unknown	1	6	1	8
Reported no cost, low cost, and traditional	1		11	12
Reported no cost, low cost, and unknown		2	2	4
Reported no cost and unknown		1		1
Total	2	9	14	25

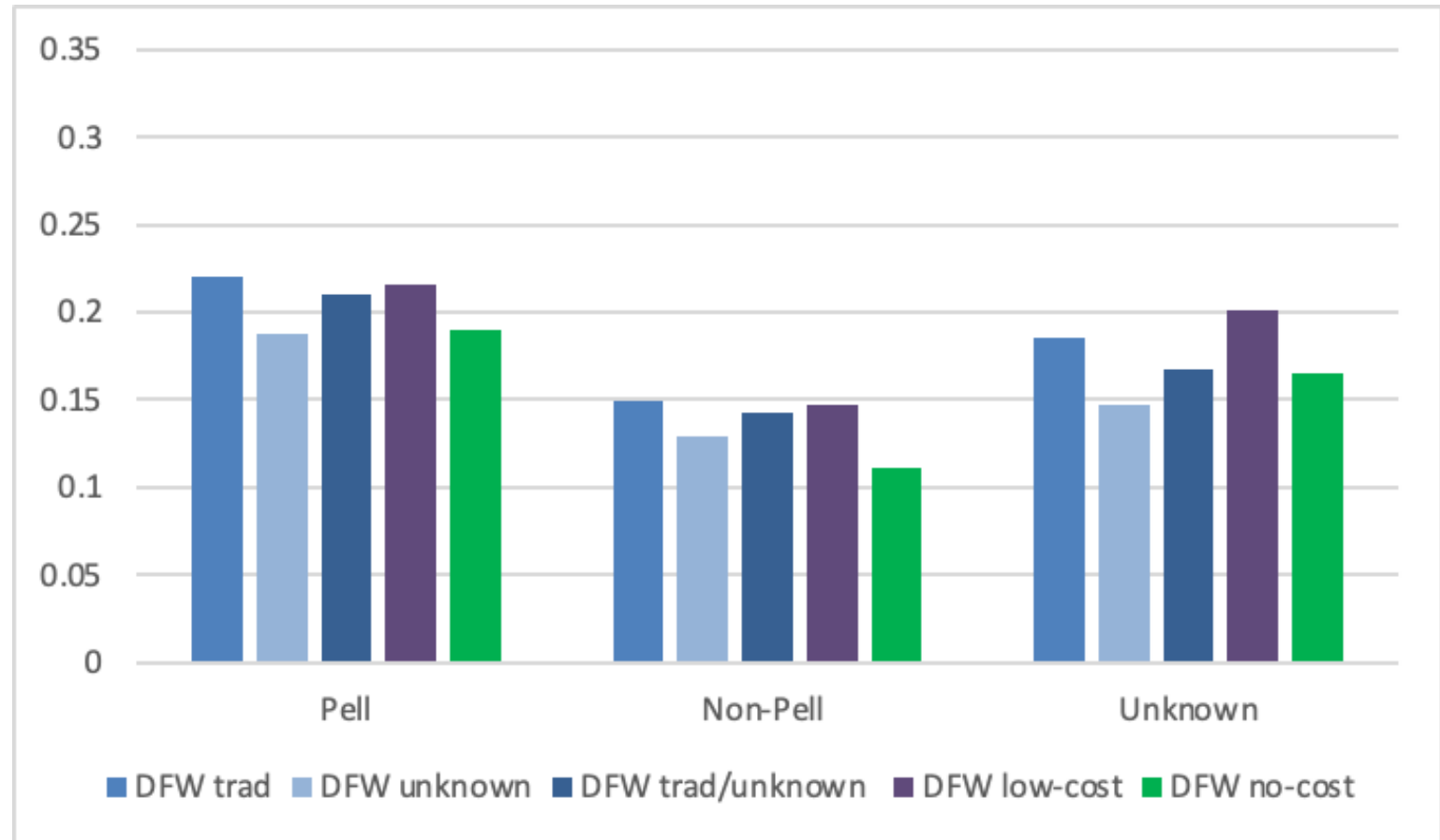
KPI 5: DFW Rates

■ Comparable to AY23

	DFW rates in No Cost n (%)	DFW rates in Low Cost n (%)	DFW rates in remaining sections n (%)
Community College	23.5%	25.1%	23.2%
State Universities	12.0%	13.8%	13.7%
UMass System	5.2%	8.9%	8.9%
Totals	13.9%	17.4%	16.6%

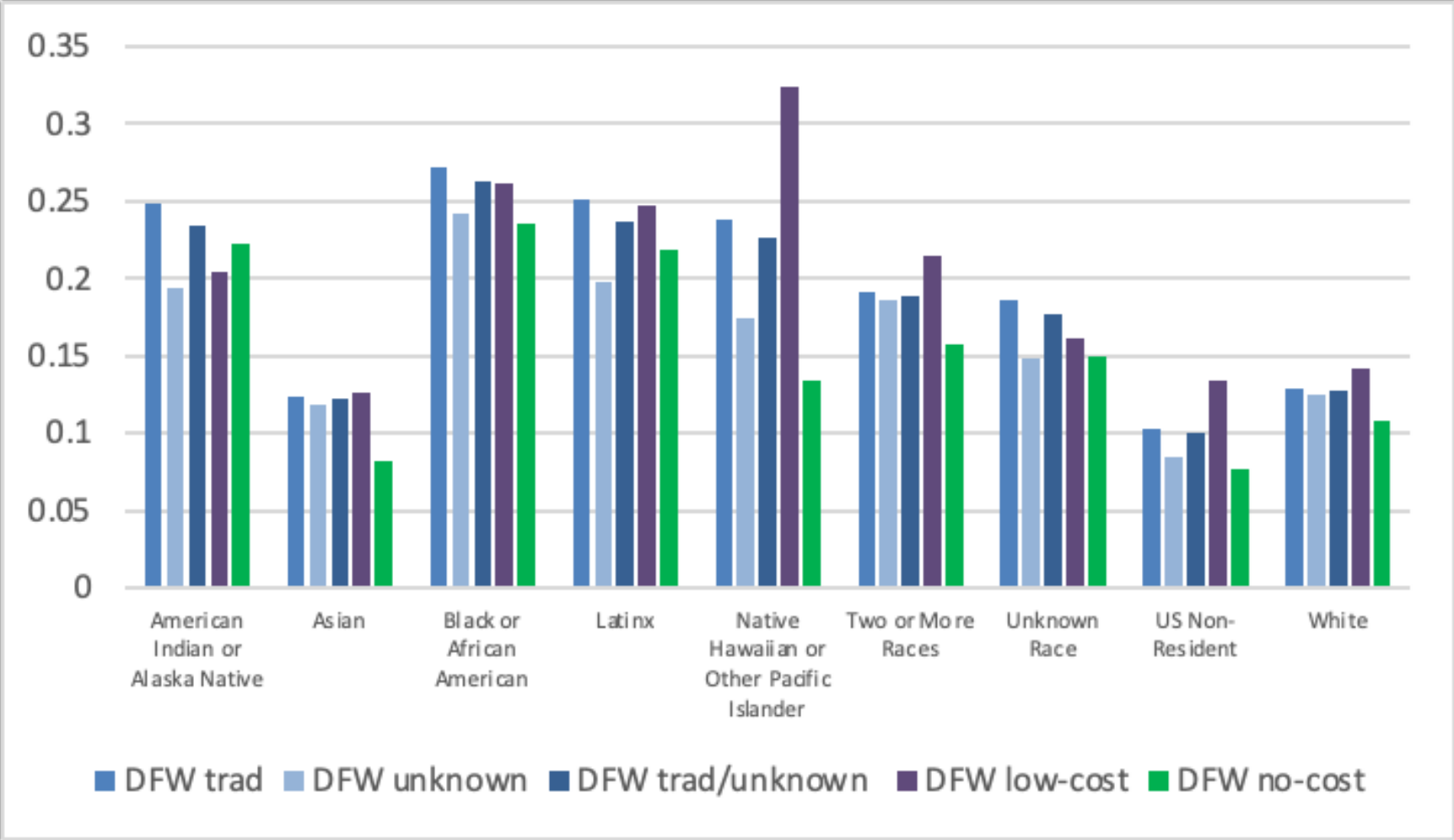
KPI 5: DFW Rate Reporting Disaggregated by Pell Status

- System-wide **No-cost** materials show lower DFW rates among both Pell-eligible and Non-Pell-eligible students



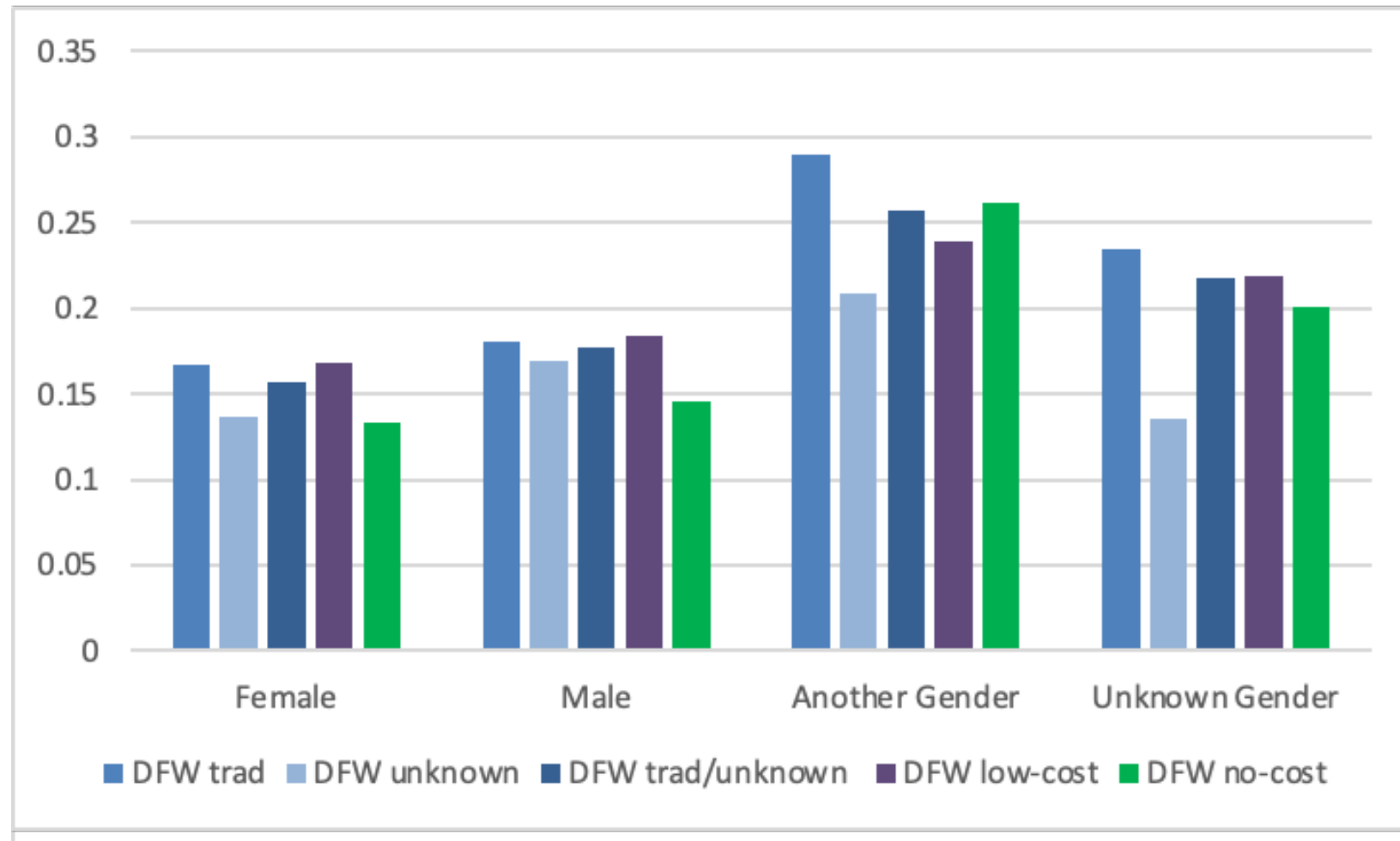
KPI 5: DFW Rate Report Disaggregated by Race

■ System- wide **No-cost** materials show lower DFW rates among most racial groups



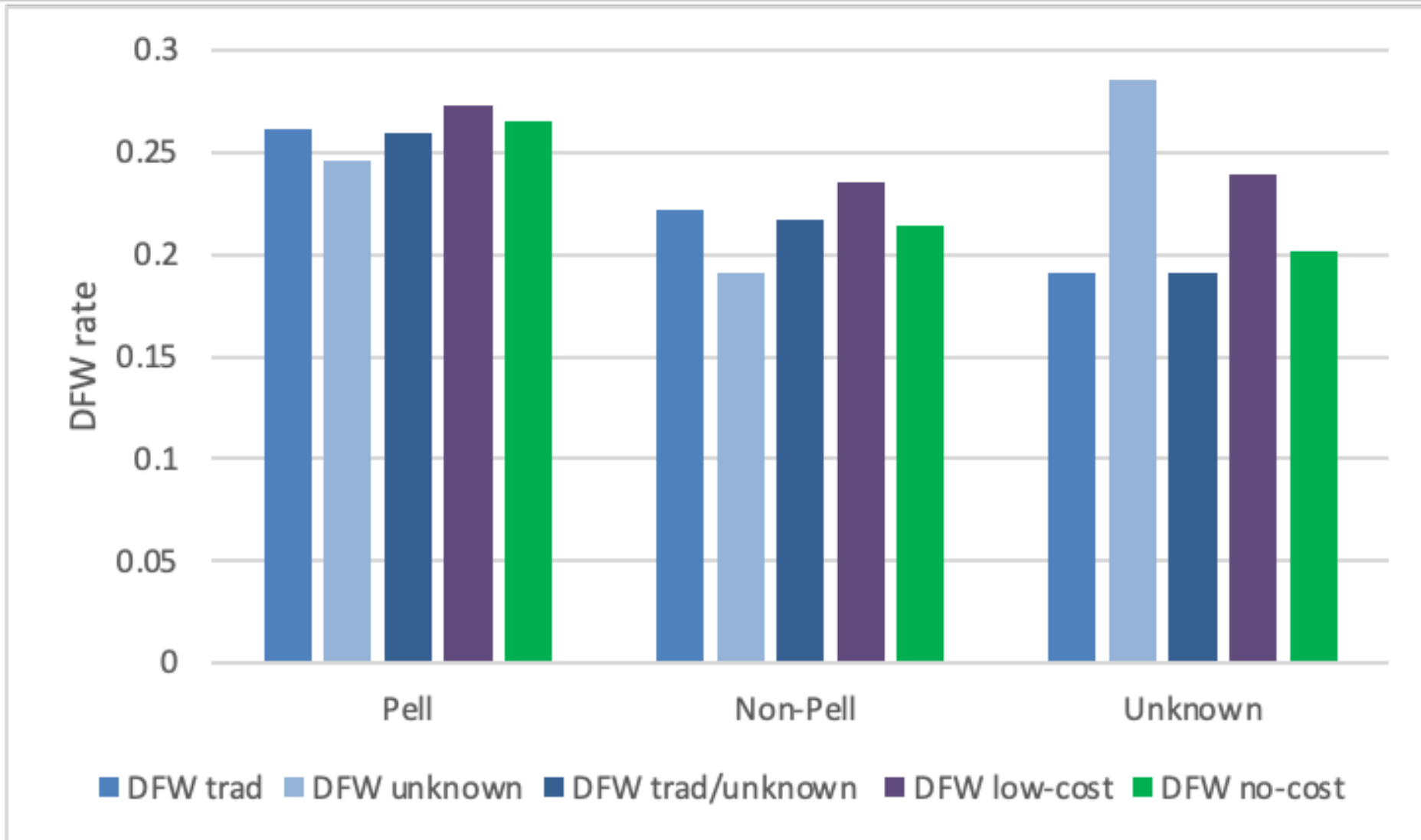
KPI 5: DFW Rate Reported Disaggregated by Gender

- System-wide **No-cost** materials show lower DFW rates among males and females but not other genders



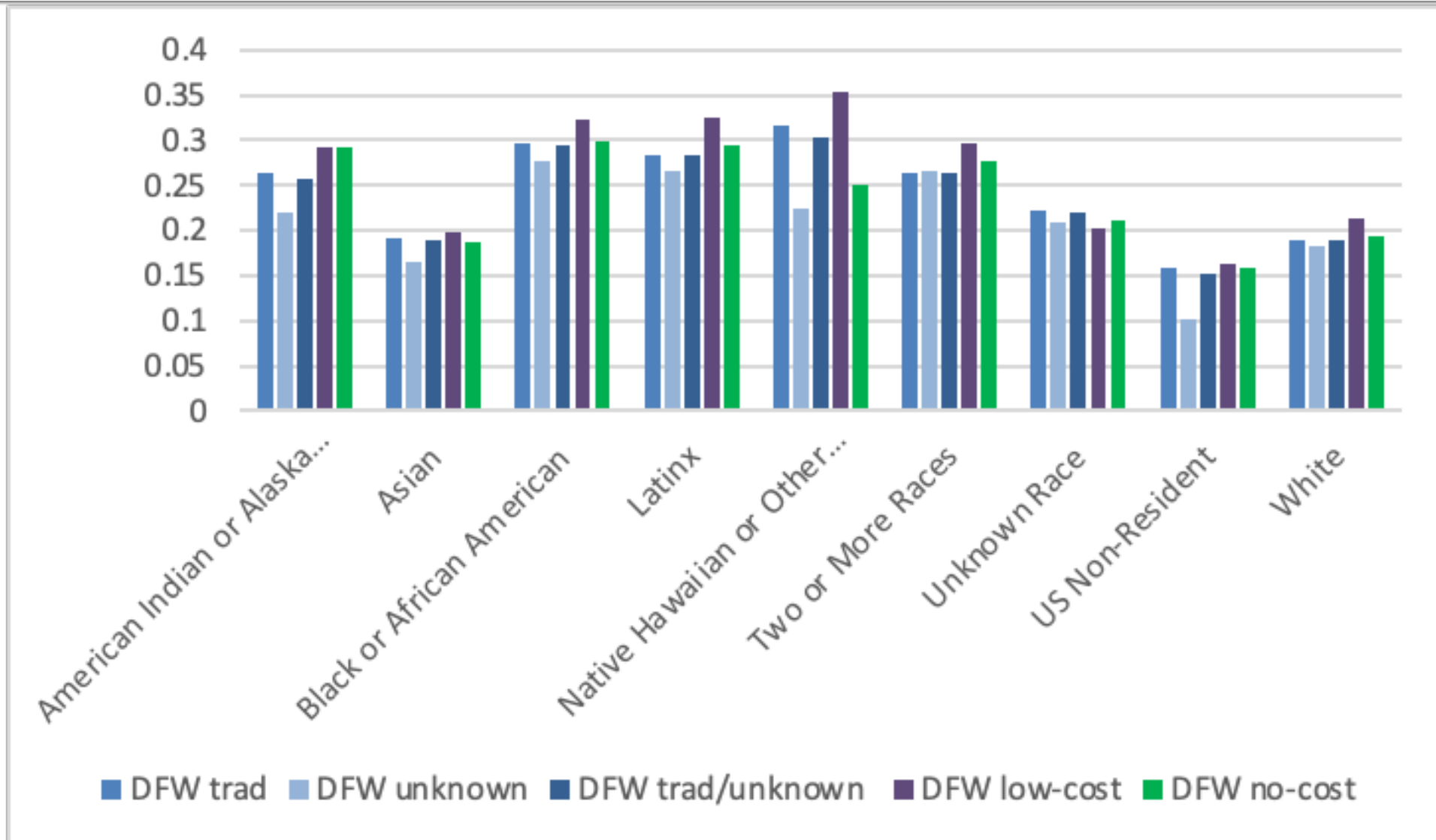
KPI 5: DFW Rate Reporting by Community Colleges

Pell Status



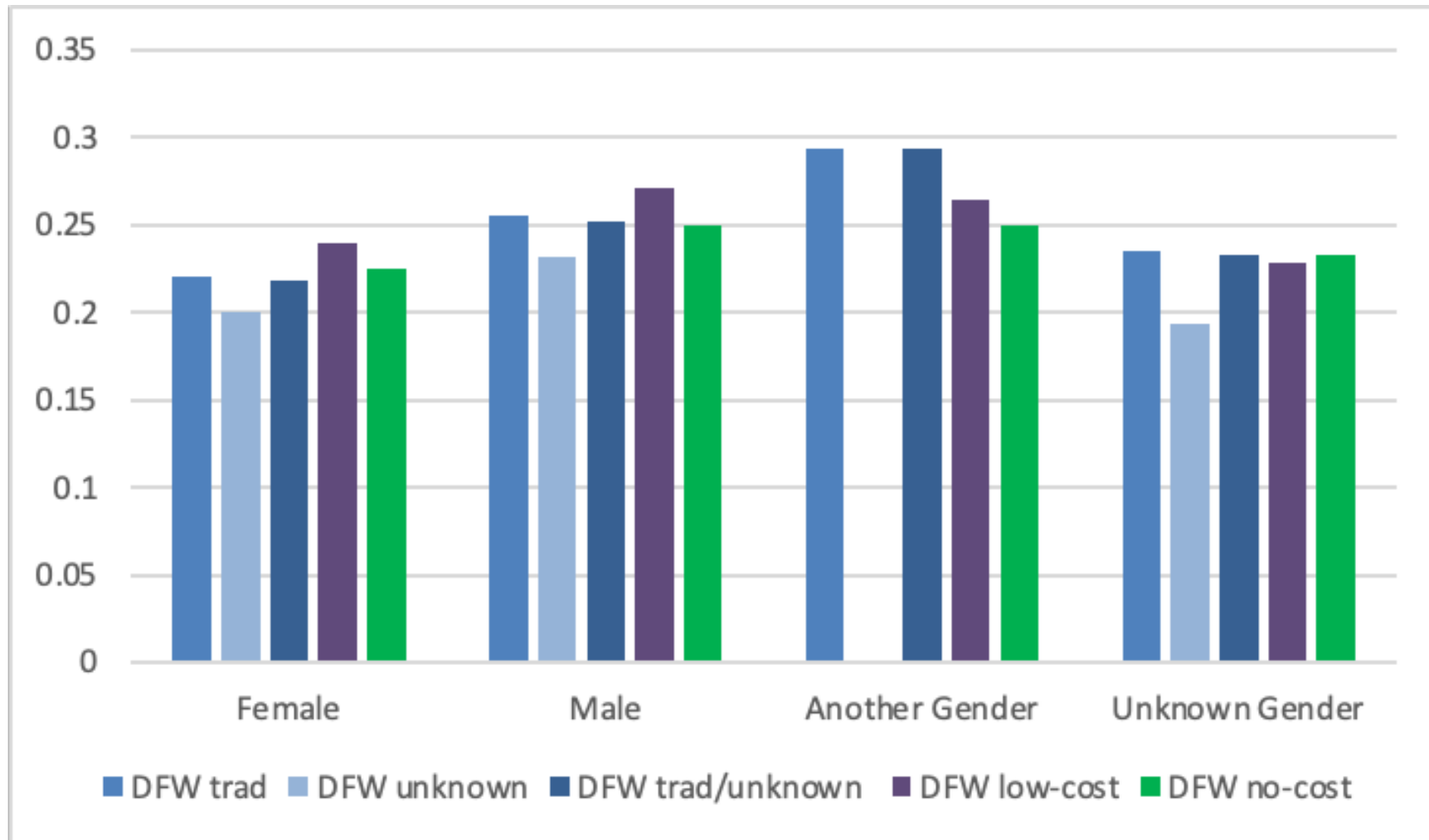
KPI 5: DFW Rate Reporting by Community Colleges

Race



KPI 5: DFW Rate Reporting Community Colleges

Gender



KPI 5: DFW Rates Questions to Ponder

- Why are DFW rates higher in Community Colleges across the board than state universities and UMass system?
 - Are courses mostly general education and students may be less interested?
 - Is it because the student population is mostly early college students (1st, 2nd year)?
- Why do Unknown materials sections tend to have the lowest DFW rates?
 - Do they include No/Low sections?
- Why do No/Low sections have higher percentage of DFW than Traditional sections in Community Colleges (i.e., Pell and some Race categories)?
 - Lack of familiarity with OER?
 - Do they prefer hardcopy to OER?
 - Not sure why. Need to watch to see if trend continues. Student survey may shed light on this.