Assessment Data 2021-2022
Student Learning Outcomes

Prepared by Cindy Lamberty, Director of Assessment, Institutional Effectiveness, and Planning
1 September 2022

The following data sets are based on outcome data collected within Canvas, the learning management system for Cloud County Community College.

Two sets of data are presented: 1) the summary of all student learning outcomes compiled for Fall 2021 and Spring 2022 and 2) the general education outcomes, program learning outcomes, and institutional learning outcomes.

Each data set has an all-inclusive set of tables and graphs and a set of disaggregated data. The average outcome score and the percentage of students (distribution) in the categories is calculated and shown. The criteria for the disaggregation includes groups commonly identified as "at-risk" such as First Generation and Pell Recipients (low income). Other disaggregation includes gender and race/ethnicity, which may reflect "underrepresentation" in some program.

In the tables with outcome scores, the groups falling below the overall average are highlighted, indicating which students are struggling so the institution and programs can provide help or interventions to ensure student success.

Scott Nikolai, Coordinator of Institutional Research, added student demographic data, from Jenzabar, to the Canvas data.

The meaning of the codes:
First Generation: a student who does not have a parent who has completed at least a bachelor's degree.
- N or No = Not a first generation student
- Y or Yes = This is a first generation student
- Null = the information was not provided by the student
- N/A = the student is not available

Pell Recipient: Note students may receive other aid, scholarships, or loans, this field is solely Pell eligible which is based on student and family income and student/family expected contribution to education. The amount of Pell is not considered.
- N or No = Does not receive Pell Grants
- Y or Yes = Does receive Pell Grants
- N/A = the information is not available

Gender:
- F = Female
- I = Choose Not to Answer
- M = Male
- U = Neutral

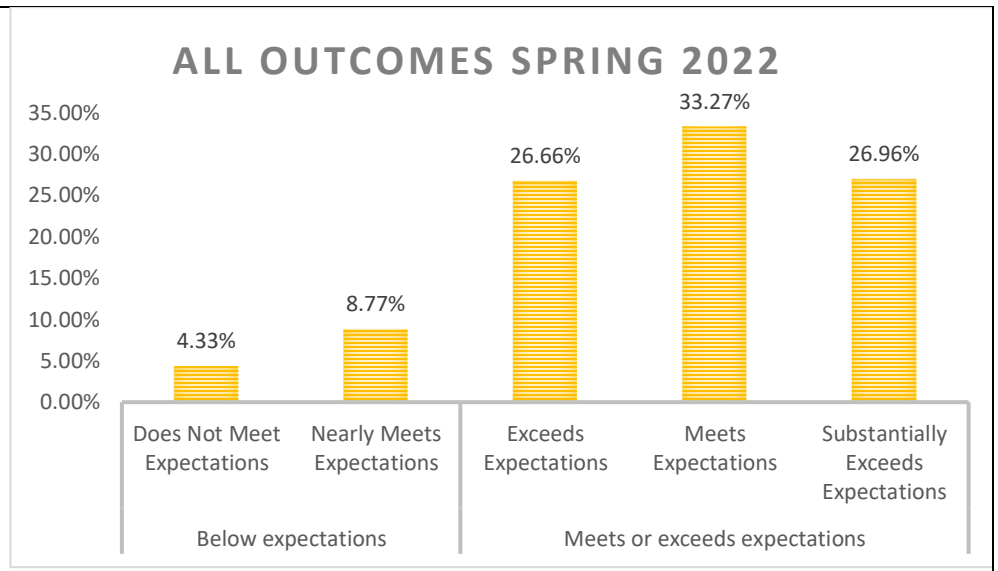Race/Ethnicity: these are the same categories for KBOR and IPEDS (state and national reporting systems)

Each program will receive data sets sorted in the same manner. If you have any questions regarding these tables or program data, please contact Cindy Lamberty

Average Outcome Scores for Fall 2021 and Spring 2022

Mastery of outcomes FA21	Count of student name
Below Expectations	14.32%
Does Not Meet Expectations	5.45%
Nearly Meets Expectations	8.86%
Meets or exceeds expectations	85.68%
Exceeds Expectations	25.92%
Meets Expectations	32.30%
Substantially Exceeds Expectations	27.46%
Grand Total	100.00%
(blanks not part of total)	
Number of outcomes assessed	32678

ALL OUTCOMES FALL 2021

Below Expectations:
- Does Not Meet Expectations: 5.45%
- Nearly Meets Expectations: 8.86%

Meets or exceeds expectations:
- Exceeds Expectations: 25.92%
- Meets Expectations: 32.30%
- Substantially Exceeds Expectations: 27.46%
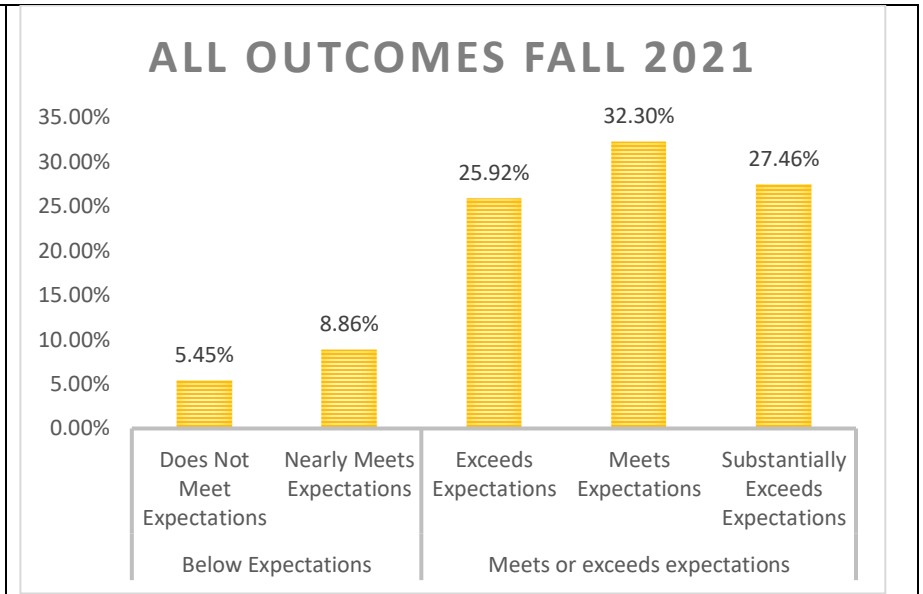
Mastery of outcomes SP22	Count of student name
Below expectations	13.11%
Does Not Meet Expectations	4.33%
Nearly Meets Expectations	8.77%
Meets or exceeds expectations	86.89%
Exceeds Expectations	26.66%
Meets Expectations	33.27%
Substantially Exceeds Expectations	26.96%
Grand Total	100.00%
(blanks not part of total)	
Number of outcomes assessed	30271

ALL OUTCOMES SPRING 2022

Below expectations:
- Does Not Meet Expectations: 4.33%
- Nearly Meets Expectations: 8.77%

Meets or exceeds expectations:
- Exceeds Expectations: 26.66%
- Meets Expectations: 33.27%
- Substantially Exceeds Expectations: 26.96%

Average Outcome Score by First Generation FA21

Row Labels	Average of outcome score	Distribution
No	3.57	40.08%
NULL	3.57	15.17%
Yes	3.47	44.71%
#N/A	3.36	0.04%
Grand Total	3.53	100.00%

Average Outcome Score by First Generation SP22

Row Labels	Average of outcome score	Count of student name
No	3.74	42.08%
NULL	3.72	15.09%
Yes	3.51	42.83%
Grand Total	3.64	100.00%

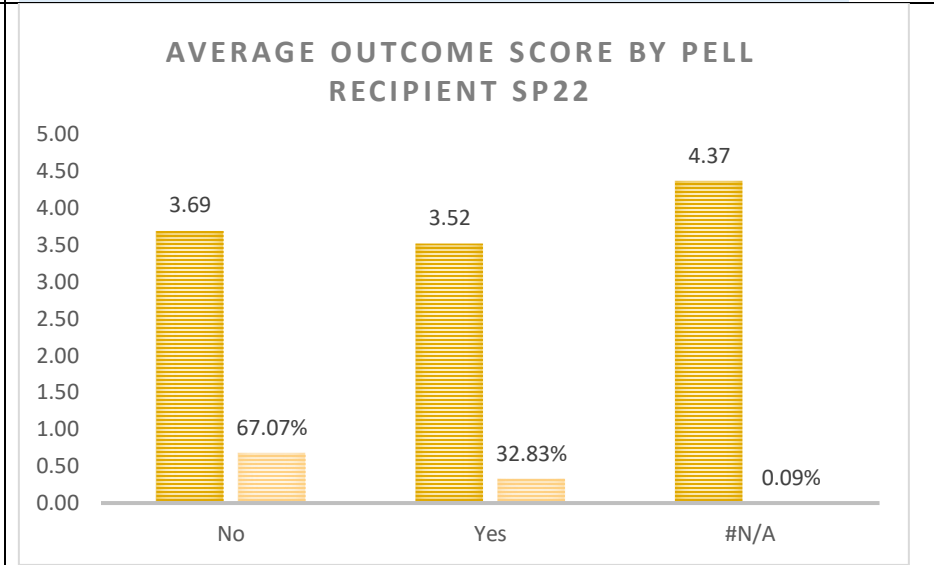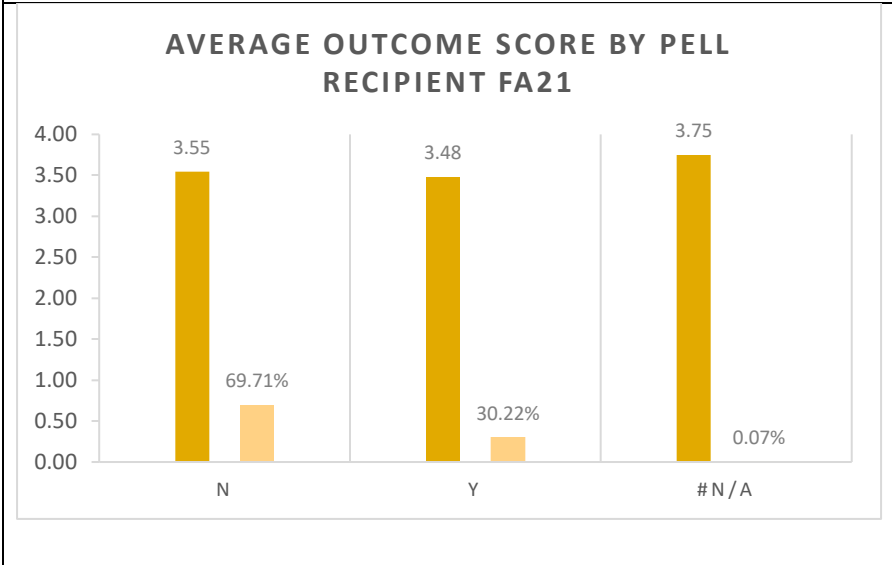### AVERAGE OUTCOME SCORE BY FIRST GENERATION FA21

AVERAGE OUTCOME SCORE BY FIRST GENERATION SP22

Average Outcome Score by Pell Recipient FA21

Row Labels	Average of outcome score	Distribution
No	3.55	69.71%
Yes	3.48	30.22%
#N/A	3.75	0.07%
Grand Total	3.53	100.00%

Average Outcome Score by Pell Recipient SP22

Row Labels	Average of outcome score	Count of student name
No	3.69	67.07%
Yes	3.52	32.83%
#N/A	4.37	0.09%
Grand Total	3.64	100.00%

AVERAGE OUTCOME SCORE BY PELL RECIPIENT FA21

	N	Y	#N/A
Average	3.55	3.48	3.75
Distribution	69.71%	30.22%	0.07%

AVERAGE OUTCOME SCORE BY PELL RECIPIENT SP22

	No	Yes	#N/A
Average	3.69	3.52	4.37
Distribution	67.07%	32.83%	0.09%

Average Outcome Score by Gender FA21

Row Labels	Average outcome score	Distribution
Female	3.56	56.75%
I	3.54	0.21%
Male	3.48	42.37%
U	3.30	0.63%
#N/A	3.36	0.04%
Grand Total	**3.53**	**100.00%**

Average Outcome Score by Gender SP22

Row Labels	Average of outcome score	Count of student name
Female	3.68	54.37%
I	3.88	0.30%
Male	3.59	44.49%
U	3.38	0.84%
Grand Total	**3.64**	**100.00%**
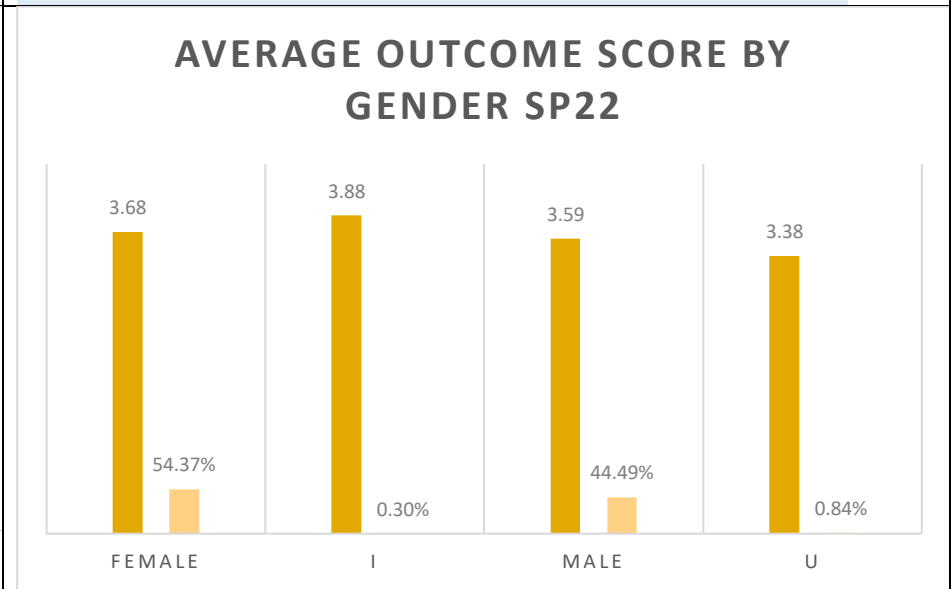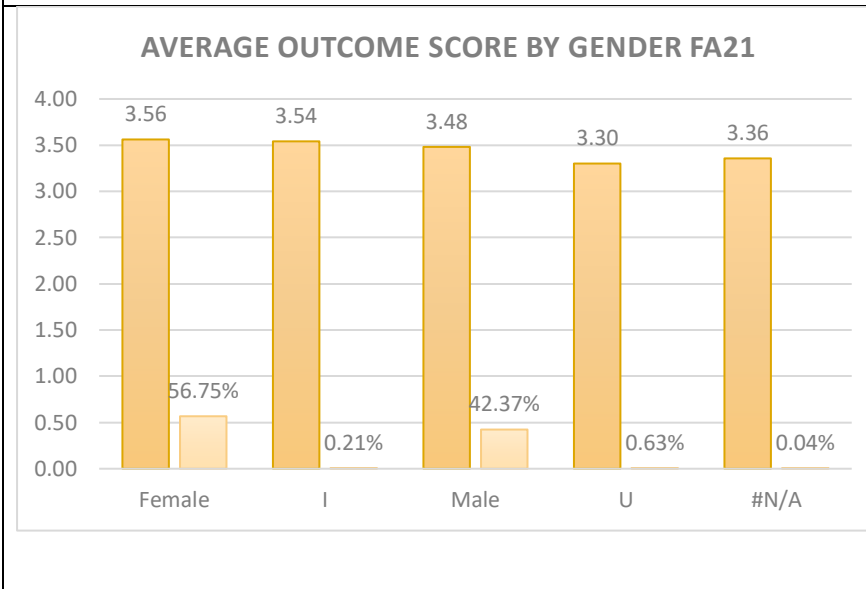
AVERAGE OUTCOME SCORE BY GENDER FA21

AVERAGE OUTCOME SCORE BY GENDER SP22

Average Outcome Score by Race/Ethnicity FA21

Row Labels	Average outcome score	Distribution
AMERICAN INDIAN OR ALASKA NATIVE	2.67	0.28%
ASIAN	3.63	1.24%
BLACK OR AFRICAN AMERICAN	3.16	4.95%
HISPANIC OF ANY RACE	3.50	8.10%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	2.87	0.12%
NONRESIDENT ALIEN	3.69	6.31%
NULL	3.54	2.28%
RACE AND ETHNICITY UNKNOWN	3.56	1.01%
TWO OR MORE RACES	3.37	4.90%
WHITE	3.55	70.78%
#N/A	3.36	0.04%
Grand Total	**3.53**	**100.00%**

AVERAGE OUTCOME SCORE BY RACE/ETHNICITY FA21
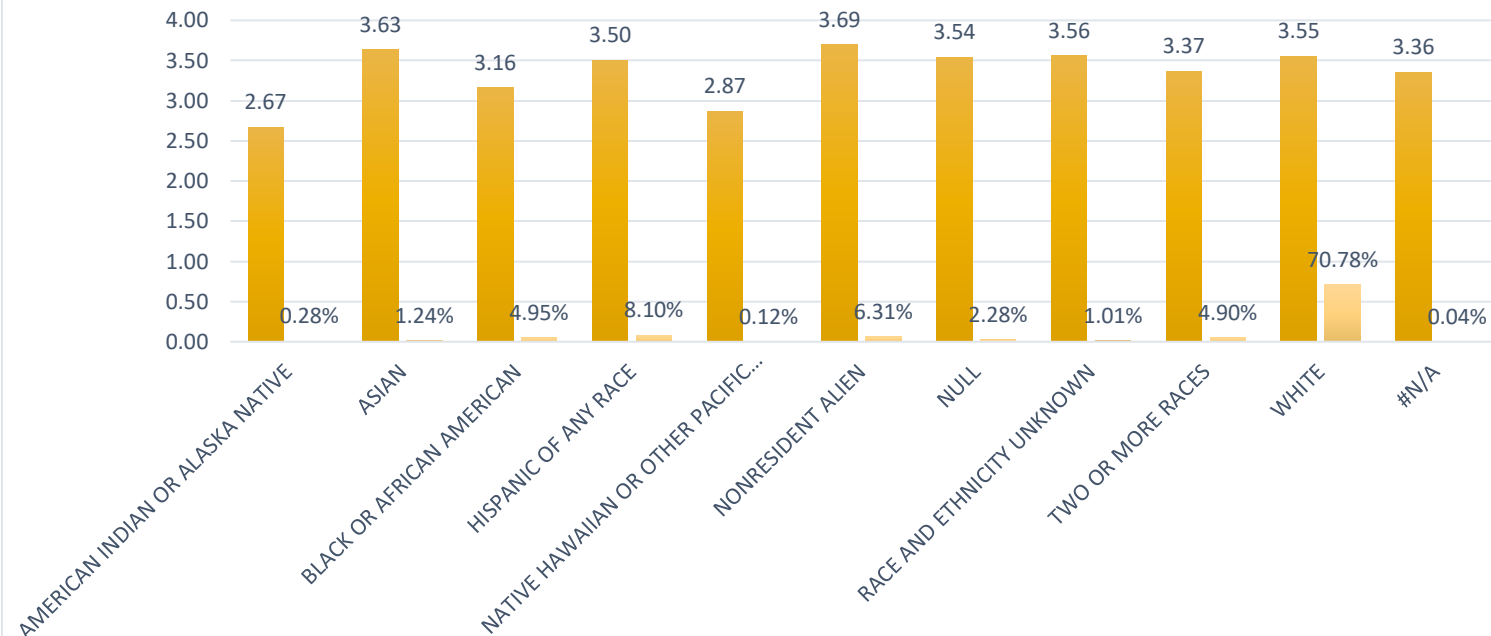
Average Outcome Score by Race/Ethnicity SP22	Average outcome score	Distribution
AMERICAN INDIAN OR ALASKA NATIVE	2.82	0.32%
ASIAN	3.88	1.02%
BLACK OR AFRICAN AMERICAN	3.36	5.84%
HISPANIC OF ANY RACE	3.50	9.36%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	3.81	0.17%
NONRESIDENT ALIEN	3.66	7.87%
NULL	3.68	1.87%
RACE AND ETHNICITY UNKNOWN	3.55	0.76%
TWO OR MORE RACES	3.71	4.63%
WHITE	3.67	68.17%
Grand Total	3.64	100.00%

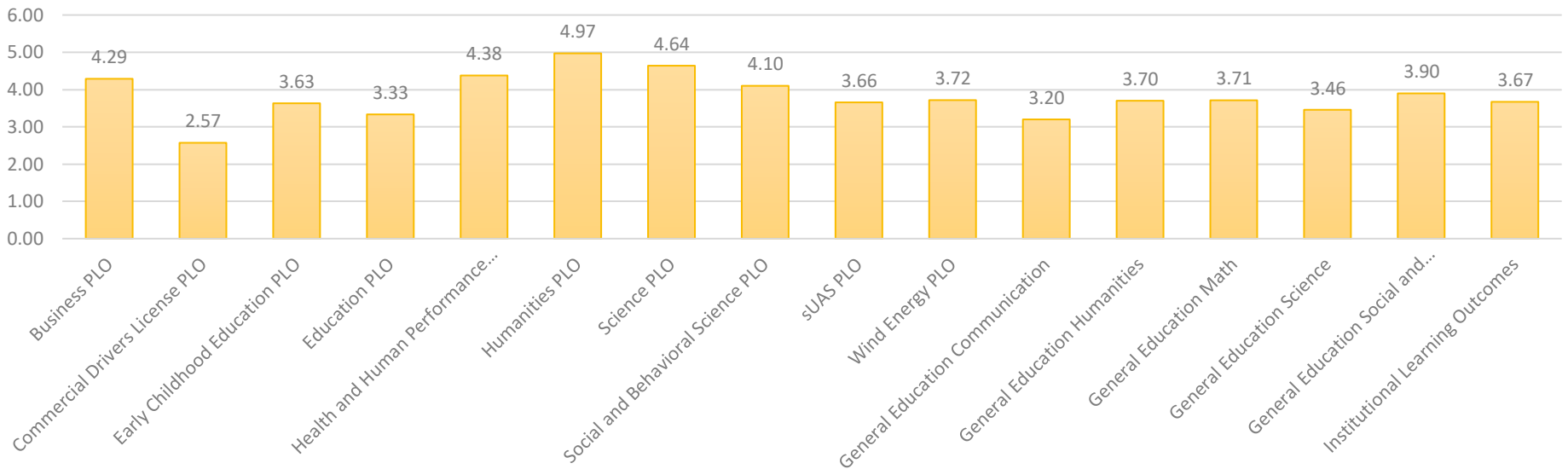AVERAGE OUTCOME SCORE BY RACE/ETHNICITY SP22
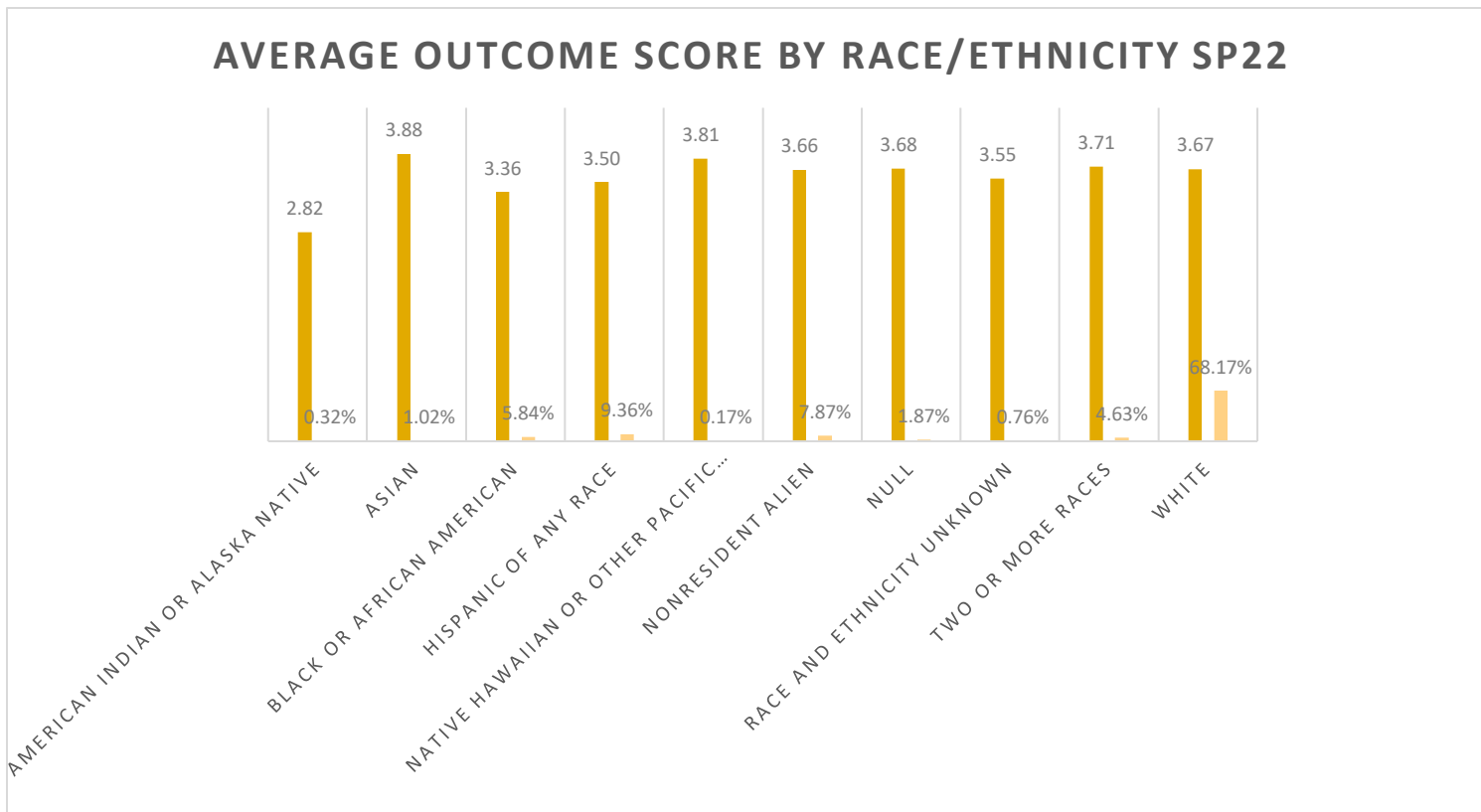
Outcome data for General Education, Programs and institution
Fall 2021 and Spring 2022

Average outcome scores (GEO, PLO, ILO) FA21	Average of outcome score	Average outcome score (GEO, PLO, ILO) SP22	Average of outcome score
Agriculture PLO	3.90	Business PLO	4.29
Business PLO	4.40	Commercial Drivers License PLO	2.57
Commercial Drivers License PLO	3.00	Early Childhood Education PLO	3.63
Early Childhood Education PLO	3.73	Education PLO	3.33
Health and Human Performance PLO	4.31	Health and Human Performance PLO	4.38
Humanities PLO	4.77	Humanities PLO	4.97
Math PLO	3.93	Science PLO	4.64
Science PLO	4.24	Social and Behavioral Science PLO	4.10
sUAS PLO	3.50	sUAS PLO	3.66
Wind Energy PLO	3.55	Wind Energy PLO	3.72
Social and Behavioral Science PLO	4.58	General Education Communication	3.20
General Education Communications	3.19	General Education Humanities	3.70
General Education Humanities	3.63	General Education Math	3.71
General Education Math	3.52	General Education Science	3.46
General Education Science	3.54	General Education Social and Behavioral Science	3.90
General Education Social and Beahavioral Sciences	3.94	Institutional Learning Outcomes	3.67
Institutional Learning Outcomes	3.56	Grand Total	3.65
Grand Total	3.56		
		Count of outcomes	14029.00
Count of outcomes	13053		

Average score of all General Education, Program Learning or Institutional Learning Outcomes--FA21

Category	Score
Agriculture PLO	3.90
Business PLO	4.40
Commercial Drivers License PLO	3.00
Early Childhood Education PLO	3.73
Health and Human Performance…	4.31
Humanities PLO	4.77
Math PLO	3.93
Science PLO	4.24
sUAS PLO	3.50
Wind Energy PLO	3.55
Social and Behavioral Science PLO	4.58
General Education…	3.19
General Education Humanities	3.63
General Education Math	3.52
General Education Science	3.54
General Education Social and…	3.94
Institutional Learning Outcomes	3.56

Average score of all General Education, Program Learning or Institutional Learning Outcomes--SP22

Category	Score
Business PLO	4.29
Commercial Drivers License PLO	2.57
Early Childhood Education PLO	3.63
Education PLO	3.33
Health and Human Performance…	4.38
Humanities PLO	4.97
Science PLO	4.64
Social and Behavioral Science PLO	4.10
sUAS PLO	3.66
Wind Energy PLO	3.72
General Education Communication	3.20
General Education Humanities	3.70
General Education Math	3.71
General Education Science	3.46
General Education Social and…	3.90
Institutional Learning Outcomes	3.67

Average Outcome Scores (GEO, PLO, and ILO) by First Generation FA21

Row Labels	Average Outcome Score	Distribution
No	3.61	40.56%
NULL	3.60	15.00%
Yes	3.51	44.40%
#N/A	4.00	0.04%
Grand Total	3.56	100.00%

Average Outcome Scores (GEO, PLO, ILO) by First Generation SP22

Row Labels	Average of outcome score	Distribution
No	3.75	42.09%
NULL	3.70	15.53%
Yes	3.54	42.38%
Grand Total	3.65	100.00%
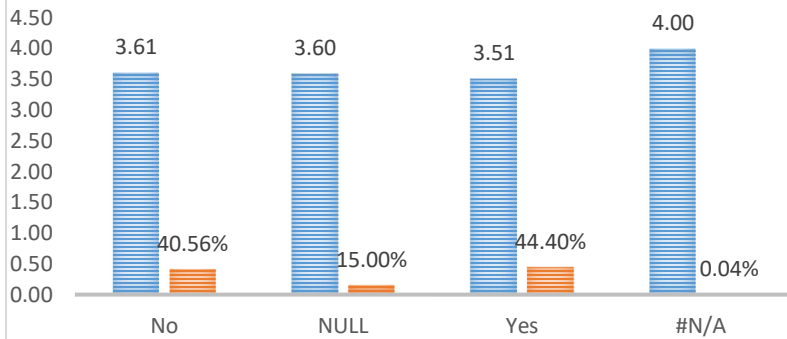
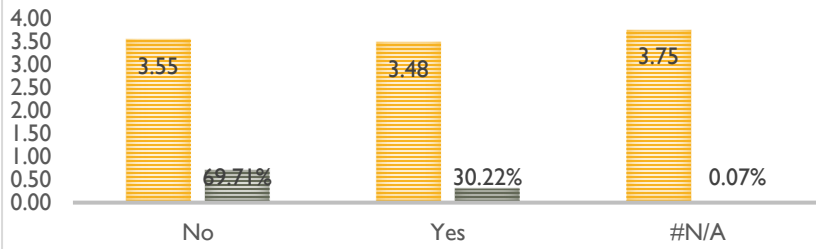AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) FIRST GENERATION FA21

AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) FIRST GENERATION SP22
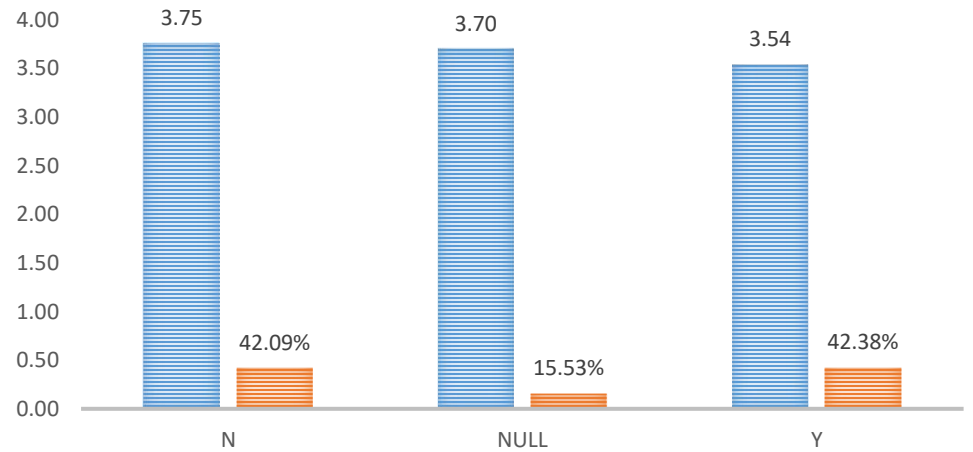
Average Outcome Scores (GEO, PLO, and ILO) by Pell Recipient FA21

Row Labels	Average Outcome Score	Distribution
No	3.55	69.71%
Yes	3.48	30.22%
#N/A	3.75	0.07%
Grand Total	**3.53**	**100.00%**

Average Outcome Scores (GEO, PLO, ILO) by Pell Recipient SP22

Row Labels	Average of outcome score	Distribution
No	3.71	67.65%
Yes	3.53	32.30%
#N/A	3.83	0.04%
Grand Total	**3.65**	**100.00%**

AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) PELL RECIPIENT FA21

	No	Yes	#N/A
Average Outcome Score	3.55	3.48	3.75
Distribution	69.71%	30.22%	0.07%

AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) PELL RECIPIENT SP22

	N	Y	#N/A
Average Outcome Score	3.71	3.53	3.83
Distribution	67.65%	32.30%	0.04%
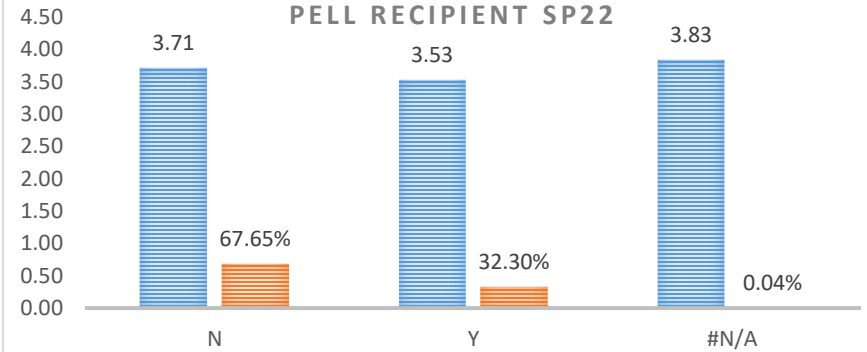
Average Outcome Scores (GEO, PLO, and ILO) by Gender FA21

Row Labels	Average Outcome Score	Distribution
Female	3.61	58.39%
I	3.44	0.14%
Male	3.49	40.80%
U	3.20	0.64%
#N/A	4.00	0.04%
Grand Total	3.56	100.00%

Average Outcome Scores (GEO, PLO, ILO) by Gender SP22

Row Labels	Average of outcome score	Distribution
Female	3.72	51.65%
I	4.22	0.33%
Male	3.56	47.17%
U	3.46	0.86%
Grand Total	3.65	100.00%

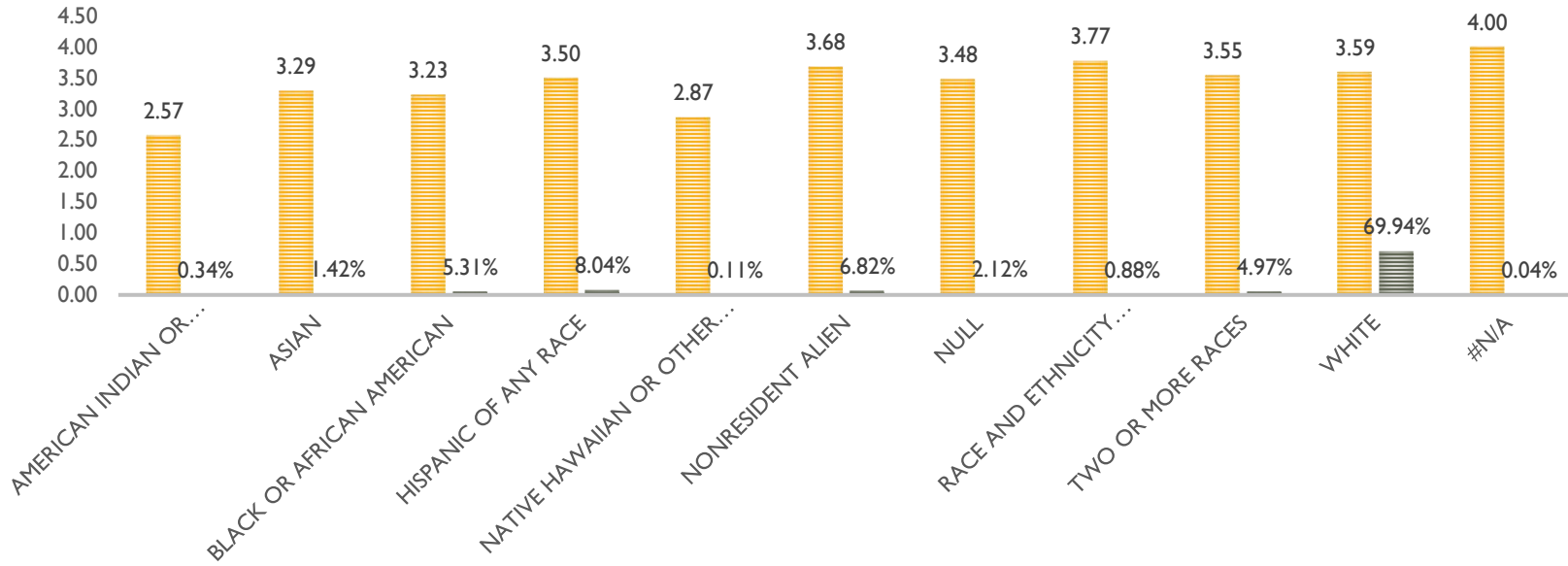AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) GENDER FA21
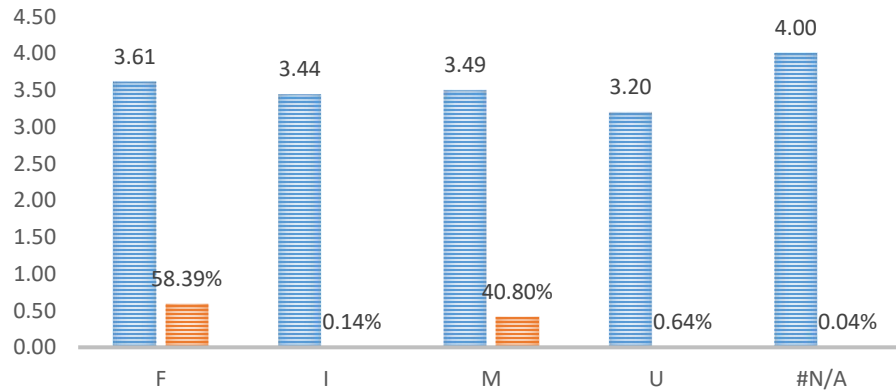
AVERAGE OUTCOME SCORE (GEO, PLO, ILO) GENDER SP22
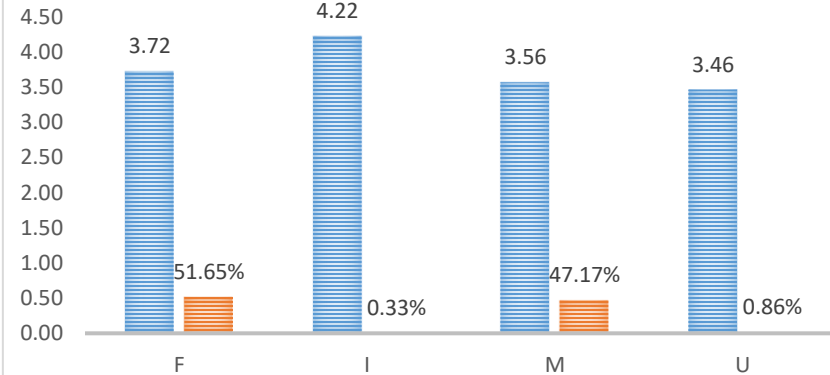
Average Outcome Scores (GEO, PLO, and ILO) by Race/Ethnicity FA21

Row Labels	Average Outcome Score	Distribution
AMERICAN INDIAN OR ALASKA NATIVE	2.57	0.34%
ASIAN	3.29	1.42%
BLACK OR AFRICAN AMERICAN	3.23	5.31%
HISPANIC OF ANY RACE	3.50	8.04%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	2.87	0.11%
NONRESIDENT ALIEN	3.68	6.82%
NULL	3.48	2.12%
RACE AND ETHNICITY UNKNOWN	3.77	0.88%
TWO OR MORE RACES	3.55	4.97%
WHITE	3.59	69.94%
#N/A	4.00	0.04%
Grand Total	**3.56**	**100.00%**

Average outcome Score (GEO, PLO, ILO) by Race/Ethnicity SP22

Row Labels	Average of outcome score	Distribution
AMERICAN INDIAN OR ALASKA NATIVE	2.82	0.45%
ASIAN	3.81	0.91%
BLACK OR AFRICAN AMERICAN	3.37	5.83%
HISPANIC OF ANY RACE	3.58	9.02%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	3.91	0.16%
NONRESIDENT ALIEN	3.59	8.27%
NULL	3.72	1.62%
RACE AND ETHNICITY UNKNOWN	3.74	0.59%
TWO OR MORE RACES	3.65	4.63%
WHITE	3.69	68.53%
Grand Total	**3.65**	**100.00%**

AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) RACE/ETHNICITY FA21

Category	Score	Percentage
AMERICAN INDIAN OR…	2.57	0.34%
ASIAN	3.29	1.42%
BLACK OR AFRICAN AMERICAN	3.23	5.31%
HISPANIC OF ANY RACE	3.50	8.04%
NATIVE HAWAIIAN OR OTHER…	2.87	0.11%
NONRESIDENT ALIEN	3.68	6.82%
NULL	3.48	2.12%
RACE AND ETHNICITY…	3.77	0.88%
TWO OR MORE RACES	3.55	4.97%
WHITE	3.59	69.94%
#N/A	4.00	0.04%

AVERAGE OUTCOME SCORE (GEO, PLO AND ILO) RACE/ETHNICITY SP22

Category	Score	Percentage
AMERICAN INDIAN OR…	2.82	0.45%
ASIAN	3.81	0.91%
BLACK OR AFRICAN…	3.37	5.83%
HISPANIC OF ANY RACE	3.58	9.02%
NATIVE HAWAIIAN OR…	3.91	0.16%
NONRESIDENT ALIEN	3.59	8.27%
NULL	3.72	1.62%
RACE AND ETHNICITY…	3.74	0.59%
TWO OR MORE RACES	3.65	4.63%
WHITE	3.69	68.53%