



Secondary Assessment Data 2020-2021 Results



Presented by Melanie Ward

Assembled by Jeff Cimmerer
and the PCSD Data Team



Regents Examinations 2021

State Assessments Regents Examinations 2021

Pittsford continues to have a significant number of students passing Regents Exams.

More than half of Pittsford students scored at the mastery level on the Regents Exams.

Many of our middle school students are taking advanced level classes and Regents Exams.

Due to COVID-19, there is no Regents data for the 2019-2020 school year.

Only four Regents exams were offered in the 2020-2021 school year; Algebra I Common Core, ELA Common Core, Living Environment, and Earth Science.

Students were allowed to claim 'exempt' and not sit for the offered Regents exams in 2020-2021, or to take a waiver after taking the assessment and suppress their 2020-2021 Regents score on their transcript.

The data shown in the following slides contains all scores, including those that were later waived and suppressed from transcripts.

Regents Exams 2021

High Levels of Student Performance

% Passing Regents

Performance Level 3 or higher

97.9% Algebra I Common Core

100% ELA Common Core

Scaled Score 65 or higher

85.5% Earth Science

99.6% Living Environment

% at Mastery Level on Regents Exams

Performance Level 5

53.2% Algebra I Common Core

88.8% ELA Common Core

Scaled Score 85 or higher

51.8% Earth Science

70.9% Living Environment



CELEBRATING *Excellence*
1946-2021 Pittsford Schools

Regents Exams 2021

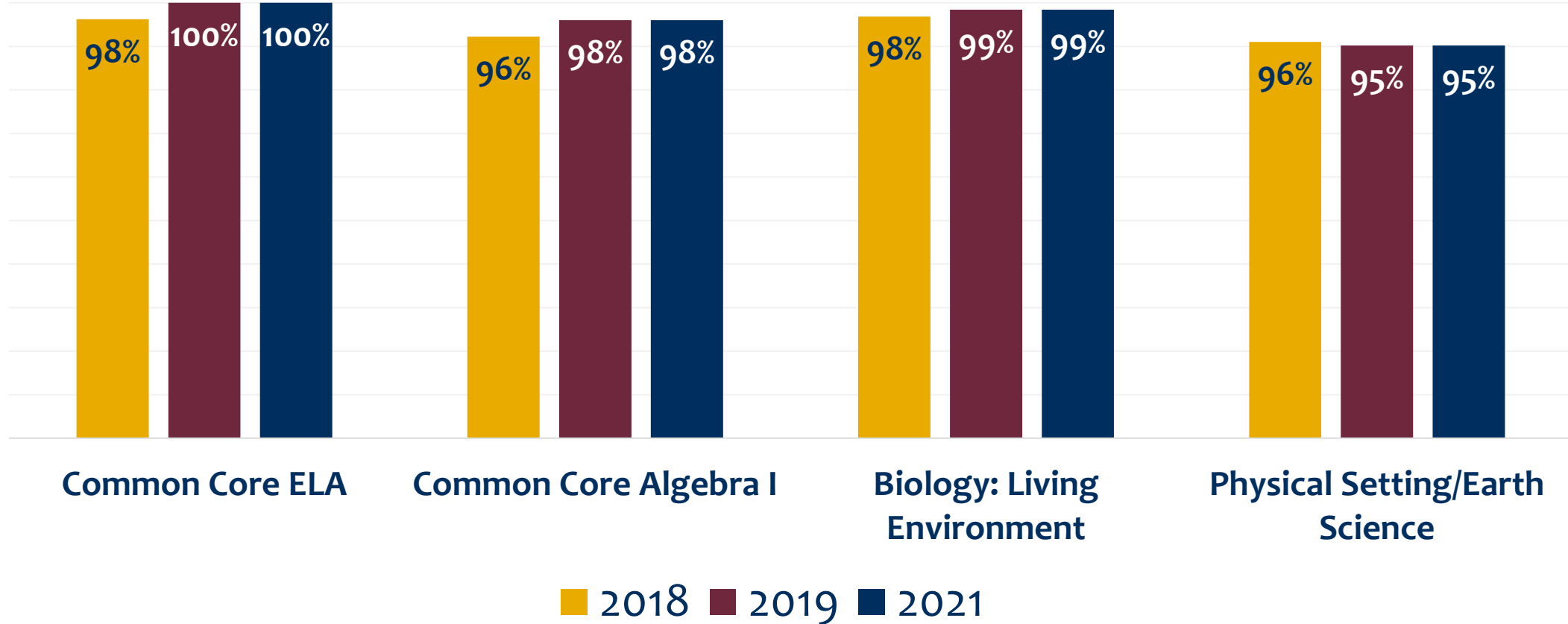
Student Performance

Regents Exam	Performance Level 1		Performance Level 2		Performance Level 3		Performance Level 4		*Performance Level 5: Common Core Exams Only		Percent Passing	Total Tested
	#	%	#	%	#	%	#	%	#	%		
Common Core ELA	0	0.0%	0	0.0%	5	5.1%	6	6.1%	87	88.8%	100.0%	98
Common Core Algebra I	1	0.4%	4	1.7%	56	23.8%	49	20.9%	125	53.2%	97.9%	235
Biology: Living Environment	1	0.4%	0	0.0%	67	28.6%	166	70.9%			99.6%	234
Physical Setting/Earth Science	20	9.1%	12	5.5%	74	33.6%	114	51.8%			85.5%	220
TOTAL TESTED ALL MONTHS	22	2.8%	16	2.0%	202	25.7%	335	42.6%	212	26.9%	95.2%	787

*Regents Assessments based on Common Core Learning Standards have 5 performance levels. Assessments based on 2005 learning standards have 4.

PCSD Three-Year Trend*

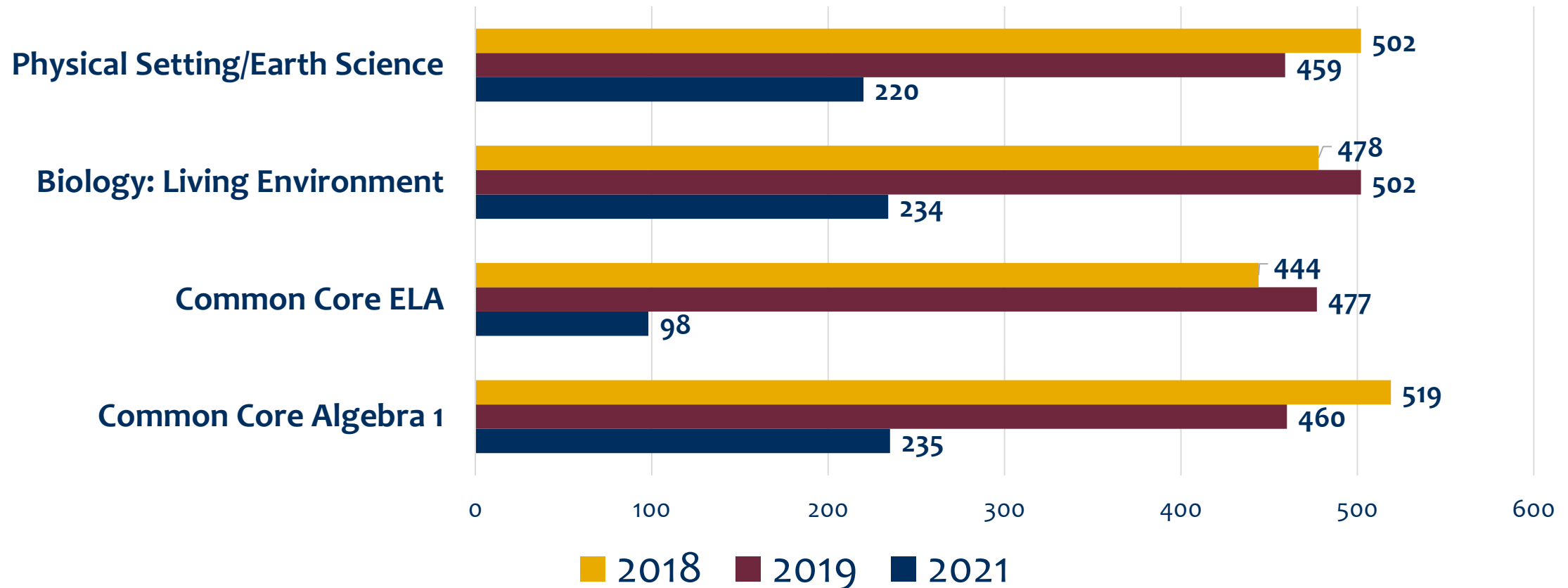
Percent Passing the Regents Exam



*Due to COVID-19, there is no Regents data for the 2019-2020 school year.

PCSD Three-Year Trend*

Number Taking the Regents Exam



*Due to COVID-19, there is no Regents data for the 2019-2020 school year.

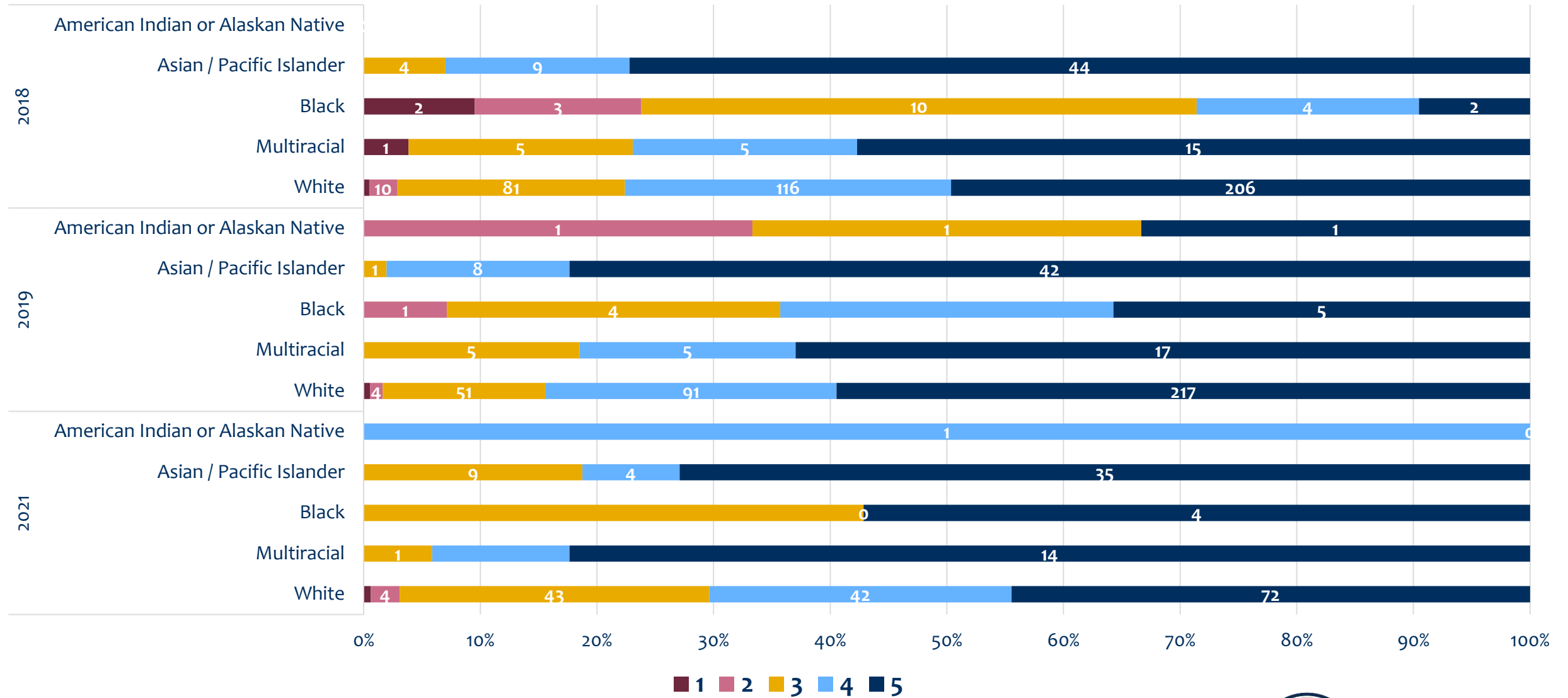
Middle School Regents 2020-2021

High Level of Student Performance on Regents Exams

158 students took the Common Core Algebra 1 Exam; **100%** passed while **73%** scored at Mastery Level

141 students took the Earth Science Exam; **95%** passed while **72%** scored at the Mastery Level

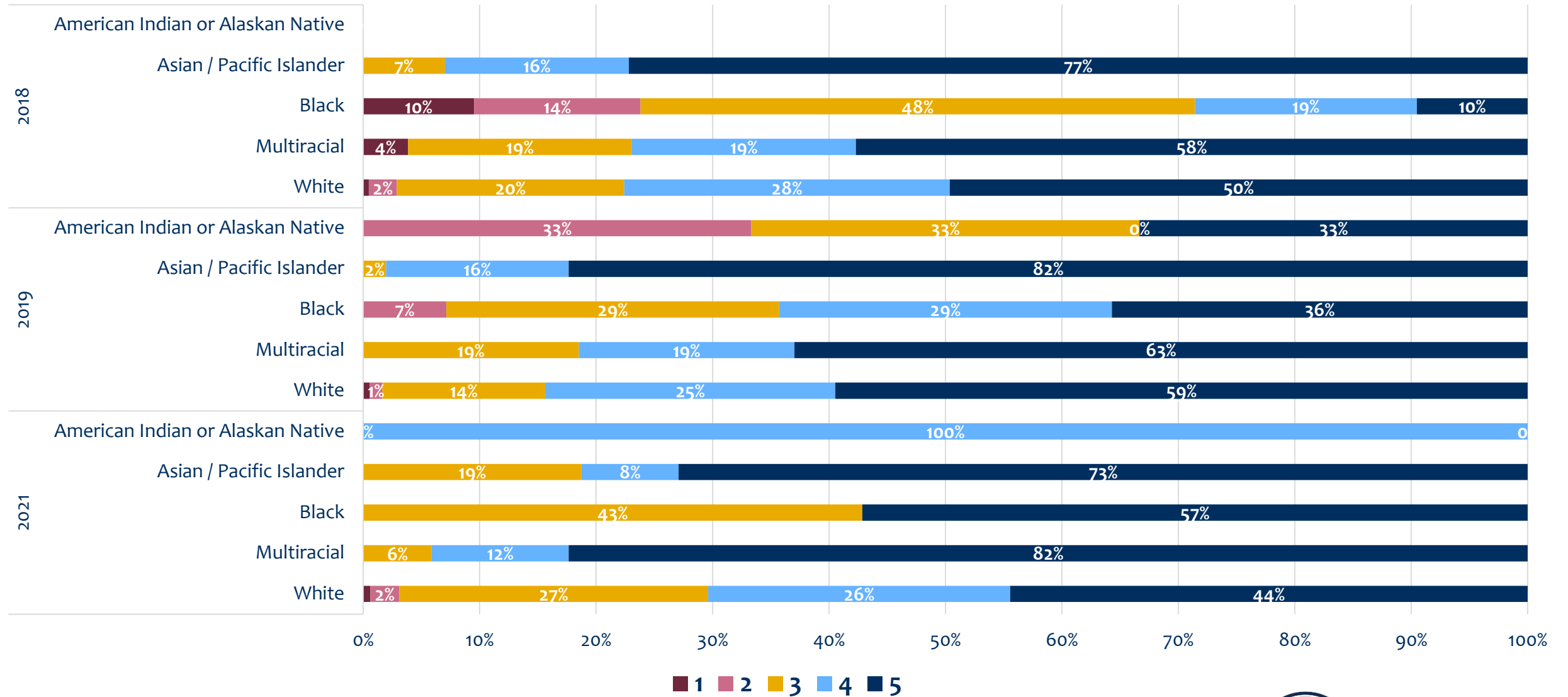
Regents Common Core Algebra 1: Race by Number of Test Takers



Common Core Algebra I Level to Score Conversion:
 Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100



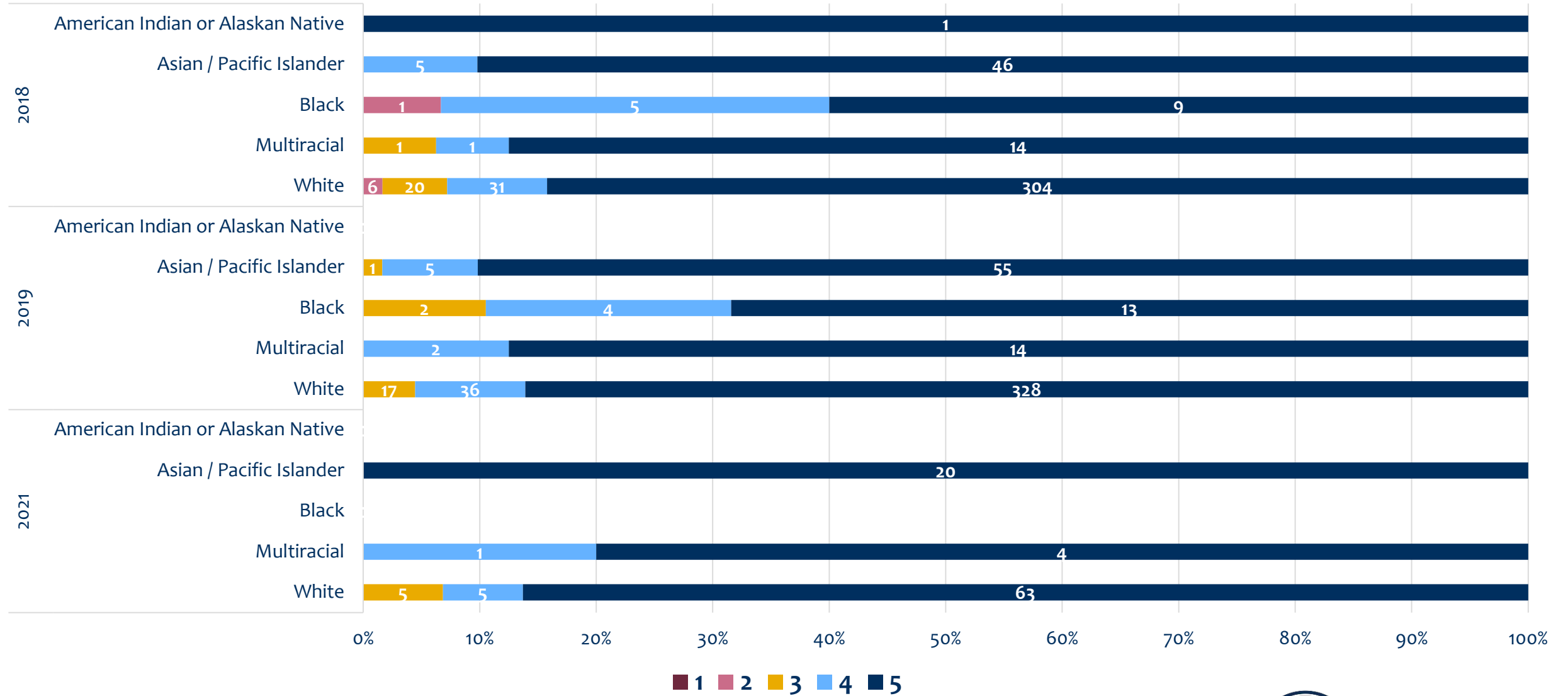
Regents Common Core Algebra 1: Race by Percent of Test Takers



Common Core Algebra I Level to Score Conversion:
 Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100



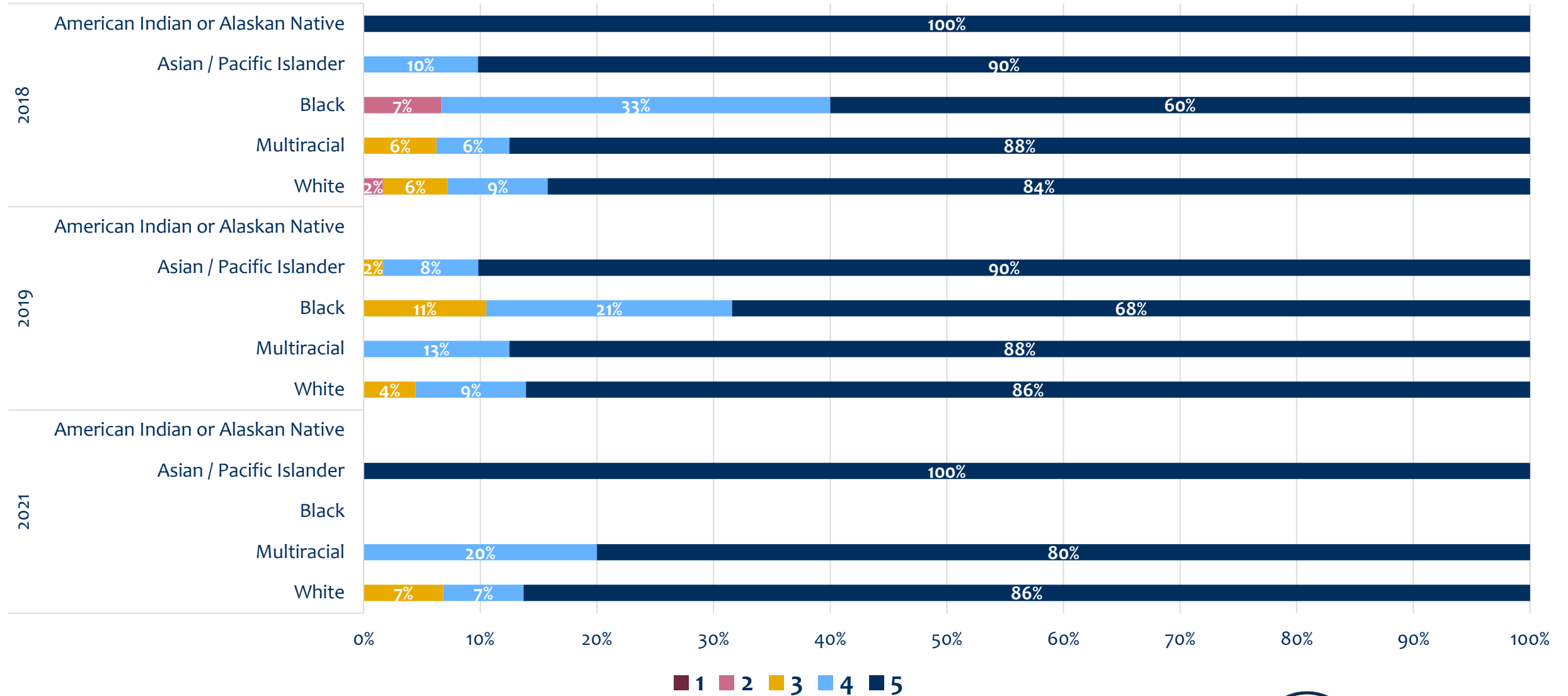
Regents Common Core English: Race by Number of Test Takers



Common Core ELA Level to Score Conversion:
 Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100



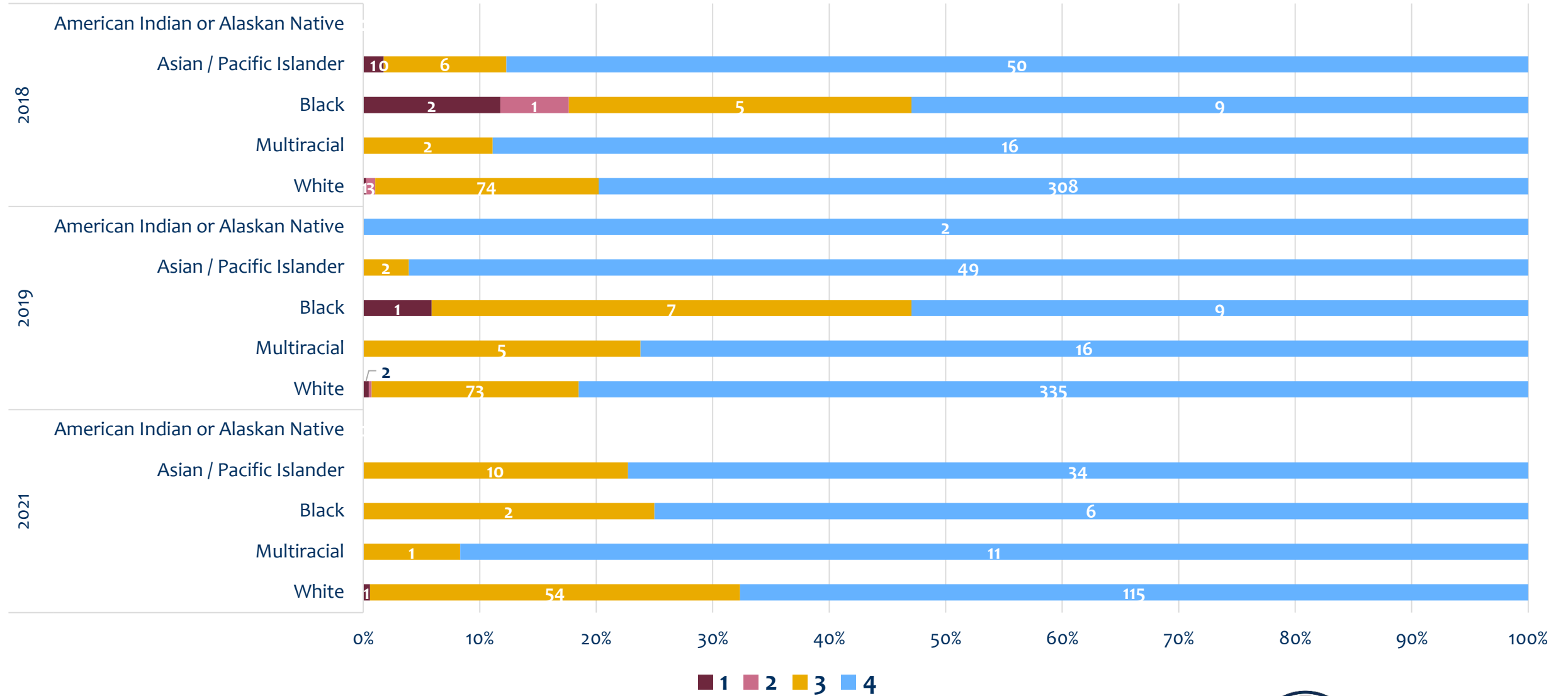
Regents Common Core English 1: Race by Percent of Test Takers



Common Core ELA Level to Score Conversion:
 Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

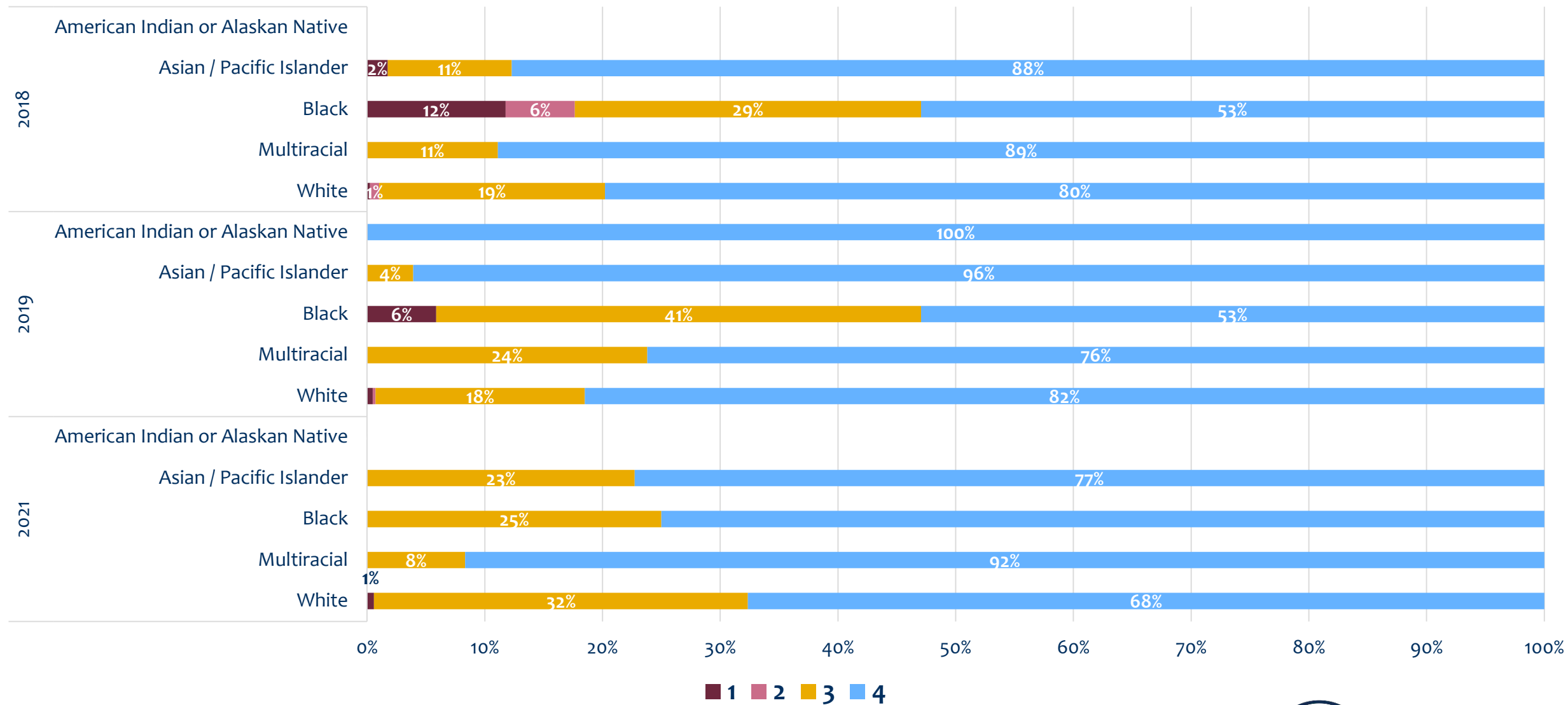


Regents Living Environment: Race by Number of Test Takers



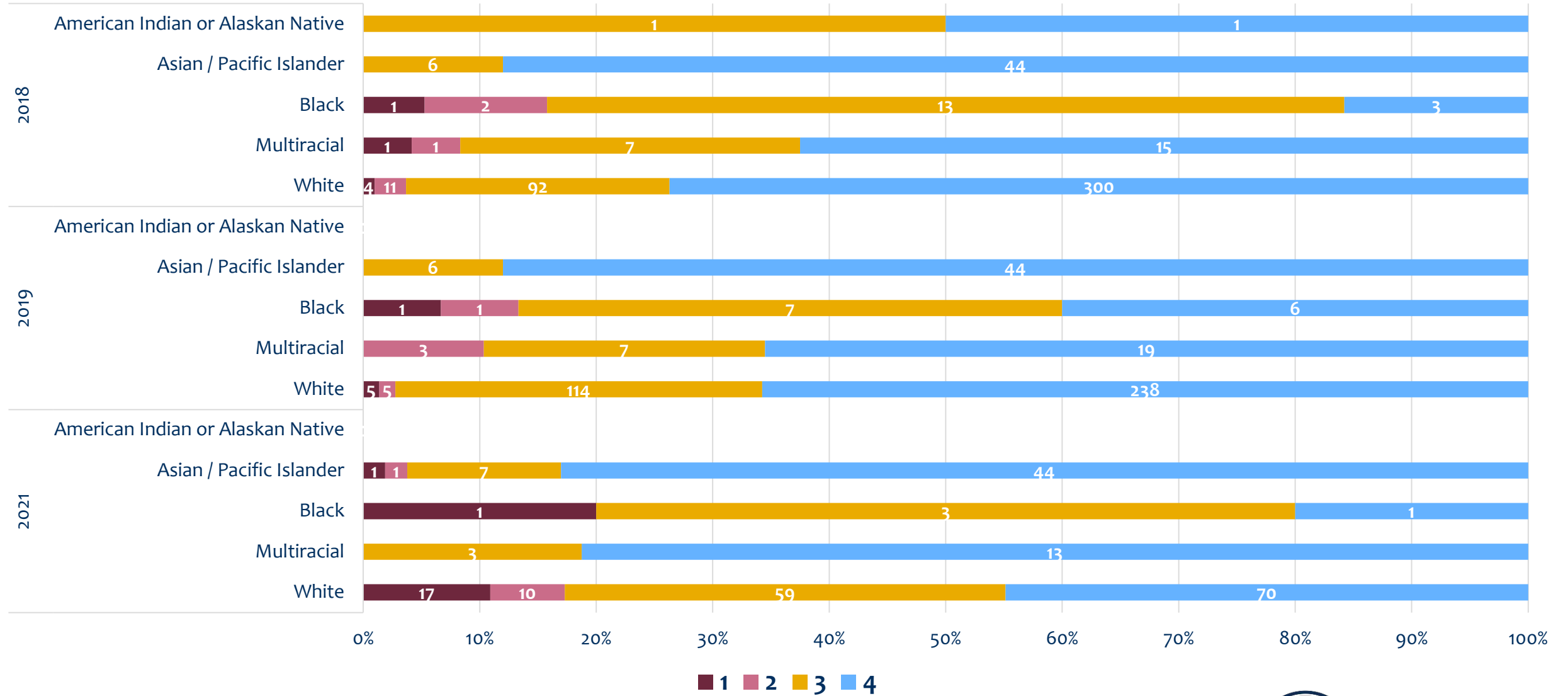
Living Environment Level to Score Conversion:
 Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

Regents Living Environment: Race by Percent of Test Takers



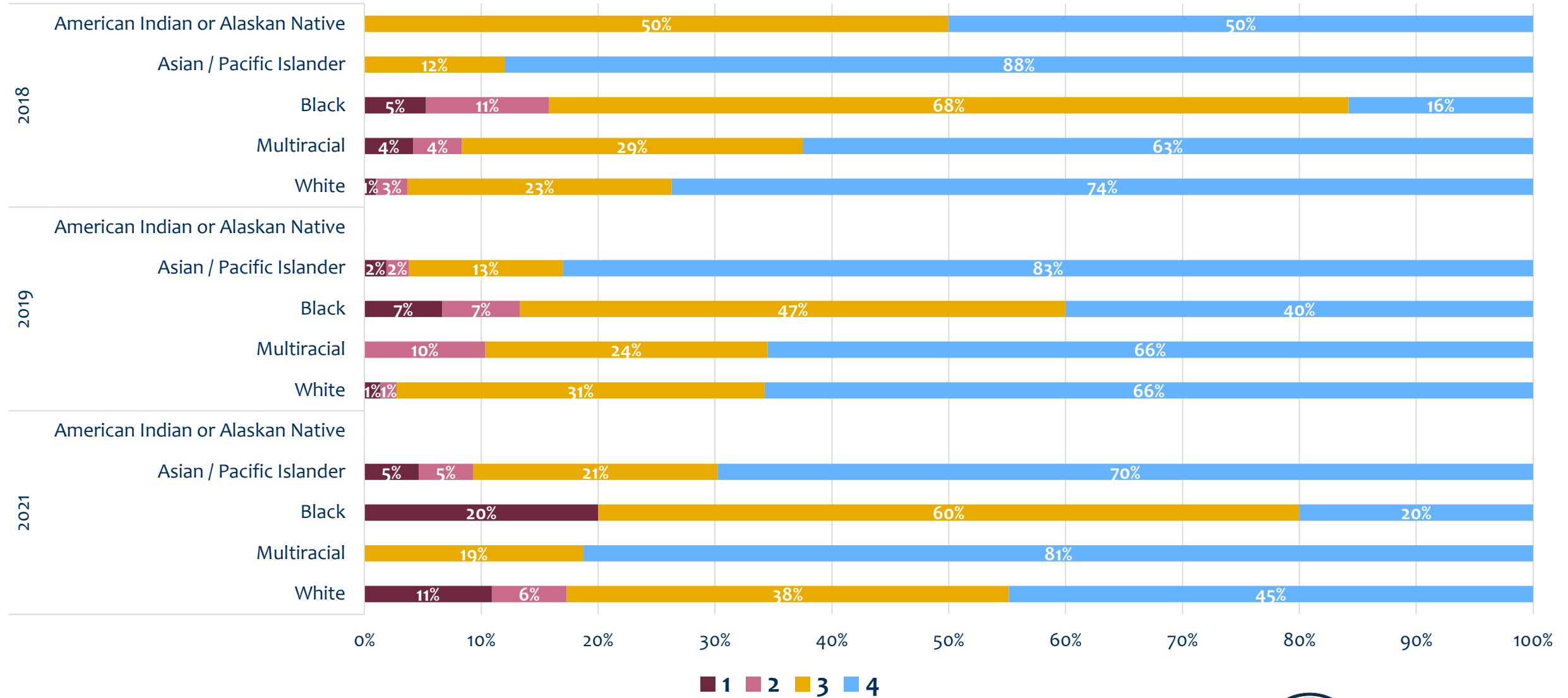
Living Environment Level to Score Conversion:
Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

Regents Earth Science: Race by Number of Test Takers



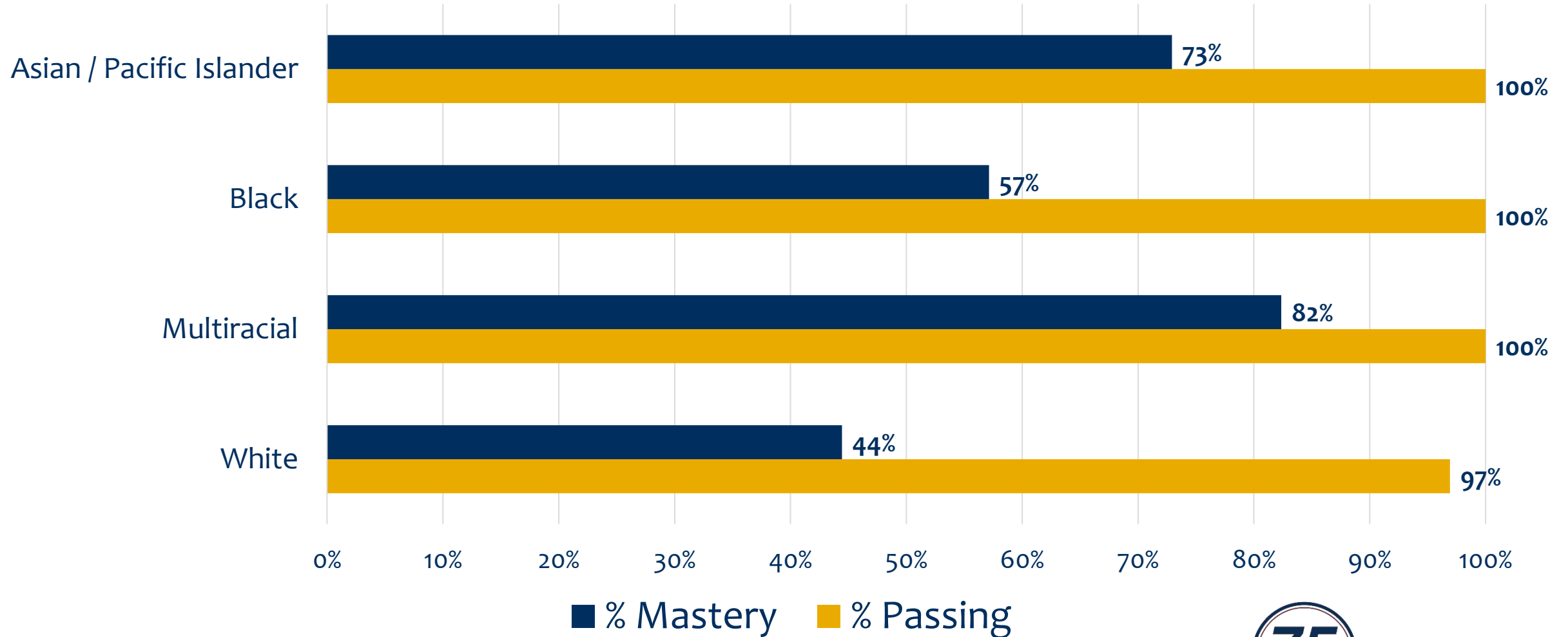
Earth Science Level to Score Conversion:
Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

Regents Earth Science: Race by Percent of Test Takers

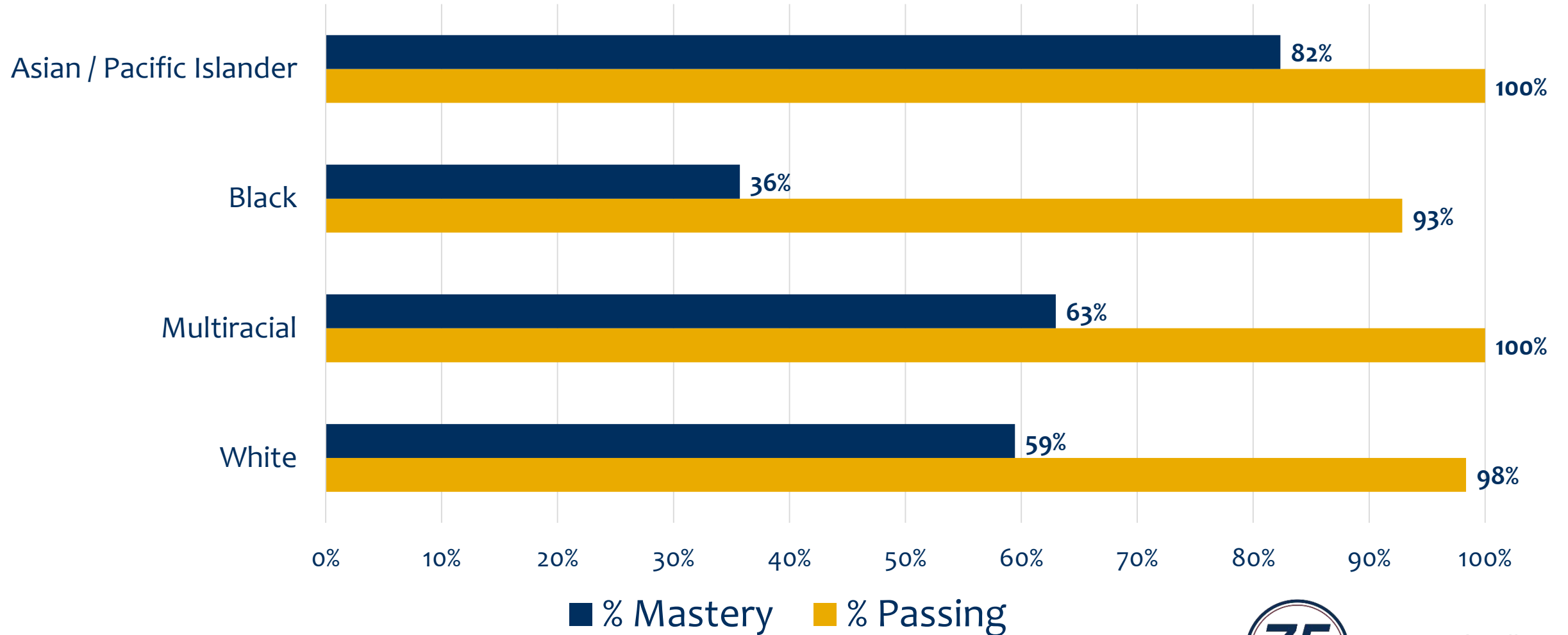


Earth Science Level to Score Conversion:
Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

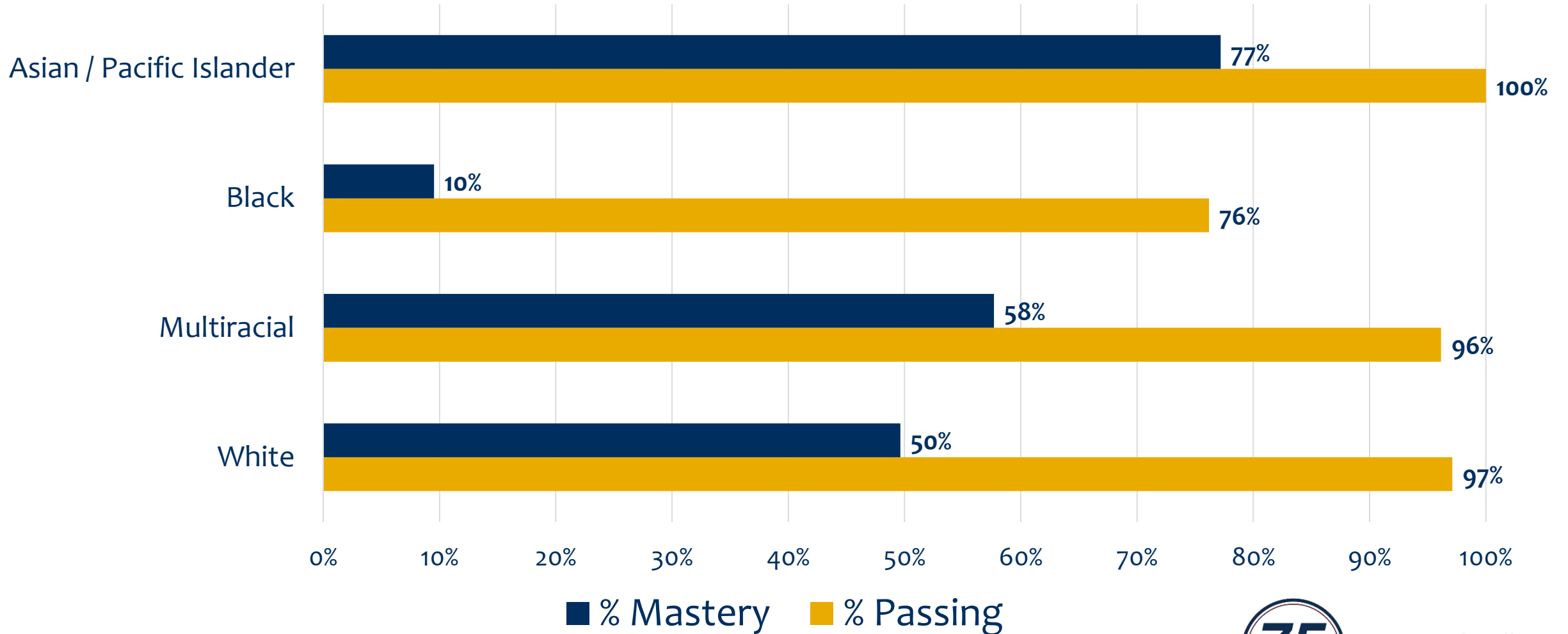
**Regents Common Core Algebra 1
Percent Mastery and Passing 2021
Showing PCSD's Four Largest Racial Groups**



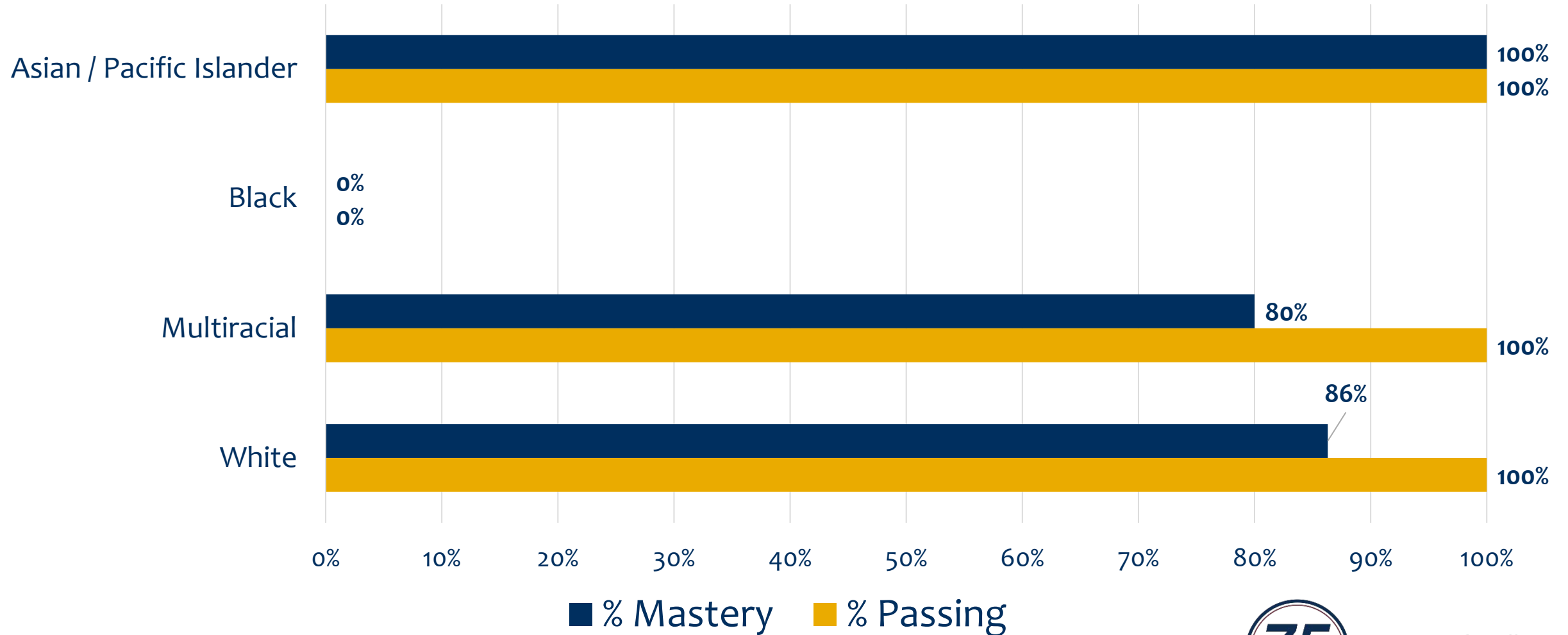
**Regents Common Core Algebra 1
Percent Mastery and Passing 2019
Showing PCSD's Four Largest Racial Groups**



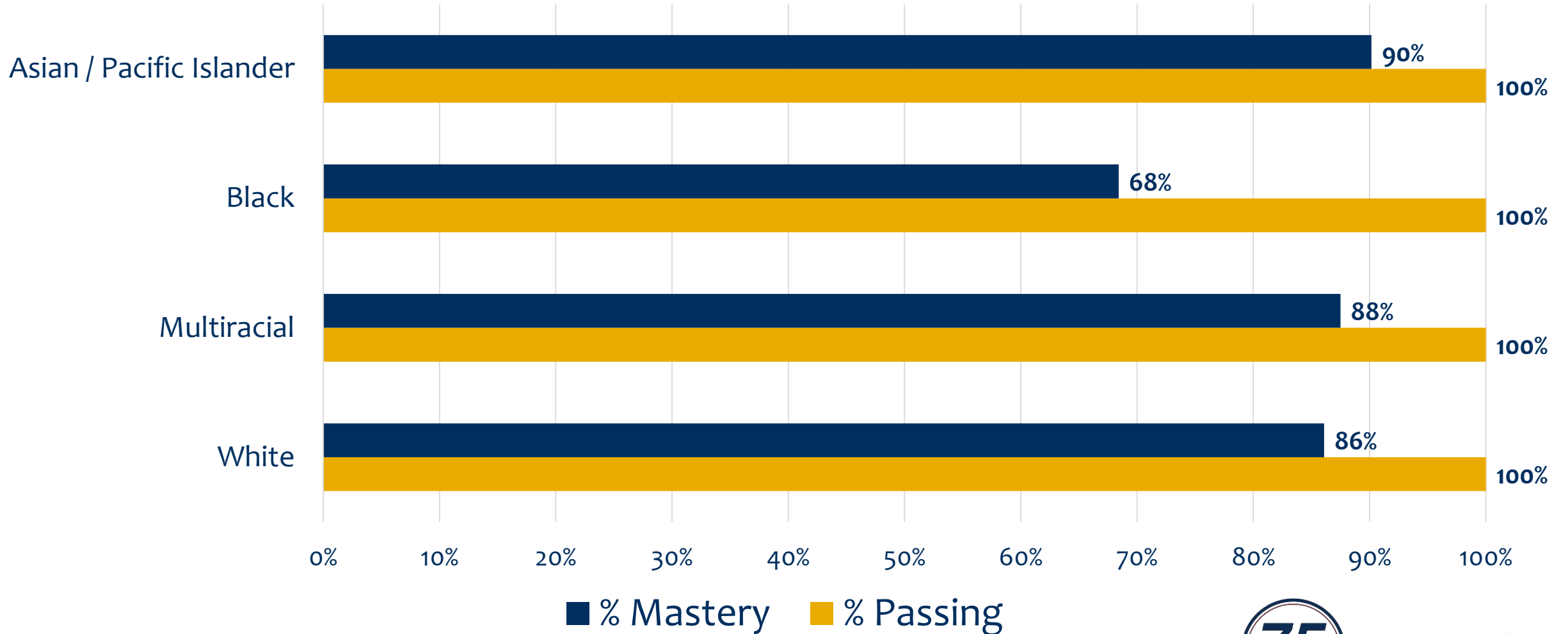
**Regents Common Core Algebra 1
Percent Mastery and Passing 2018
Showing PCSD's Four Largest Racial Groups**



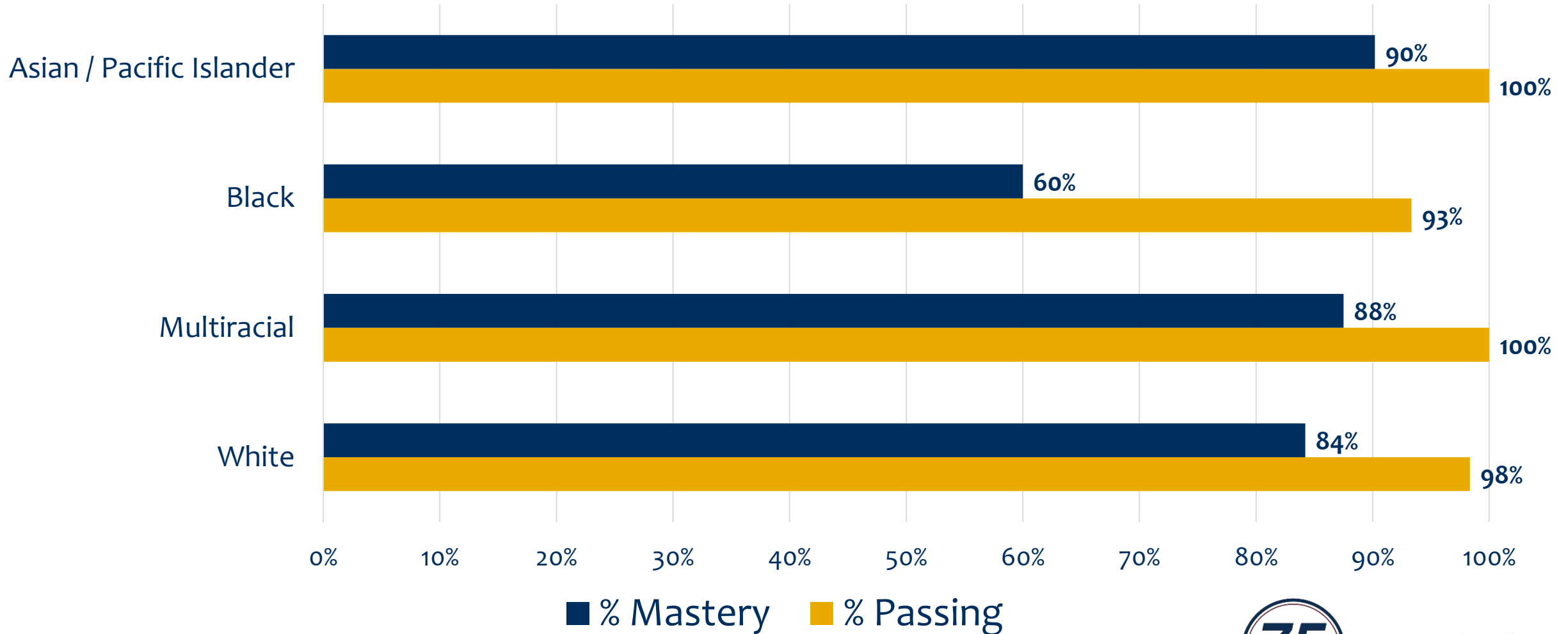
Regents Common Core ELA
Percent Mastery and Passing 2021
Showing PCSD's Four Largest Racial Groups



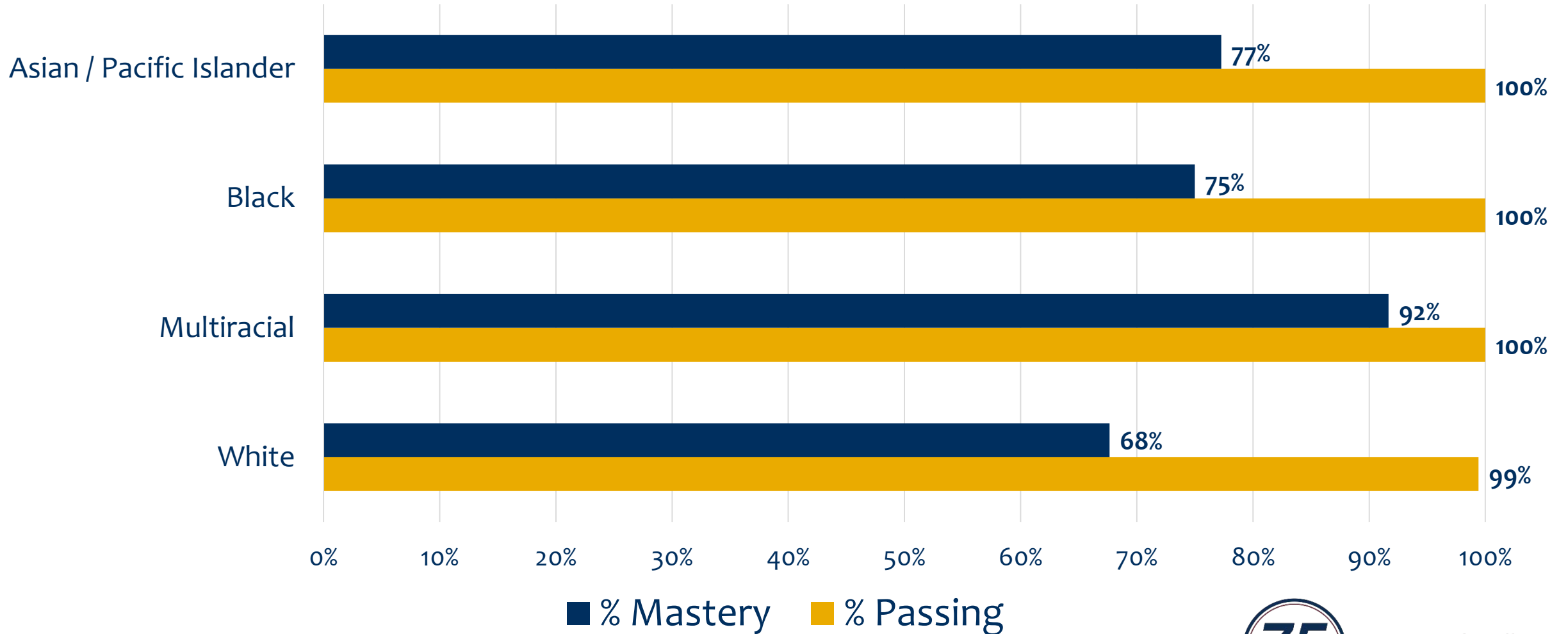
Regents Common Core ELA
Percent Mastery and Passing 2019
Showing PCSD's Four Largest Racial Groups



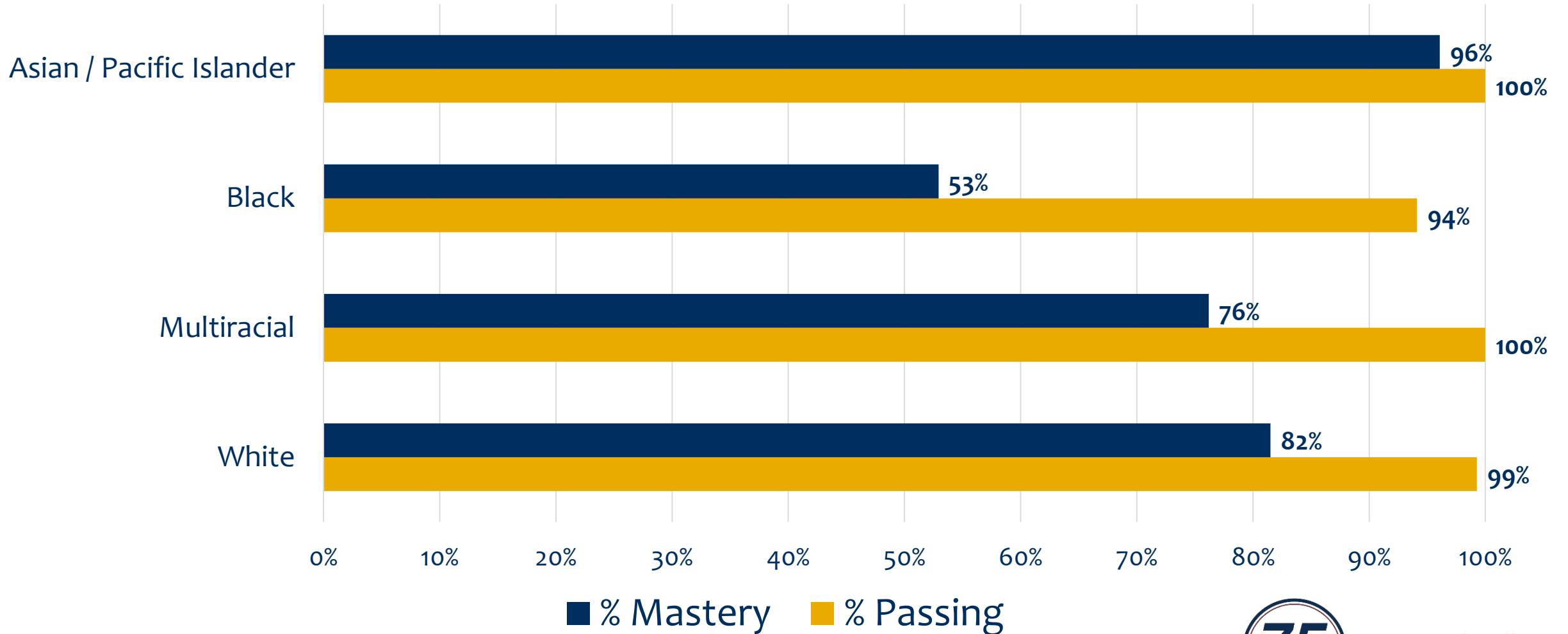
Regents Common Core ELA
Percent Mastery and Passing 2018
Showing PCSD's Four Largest Racial Groups



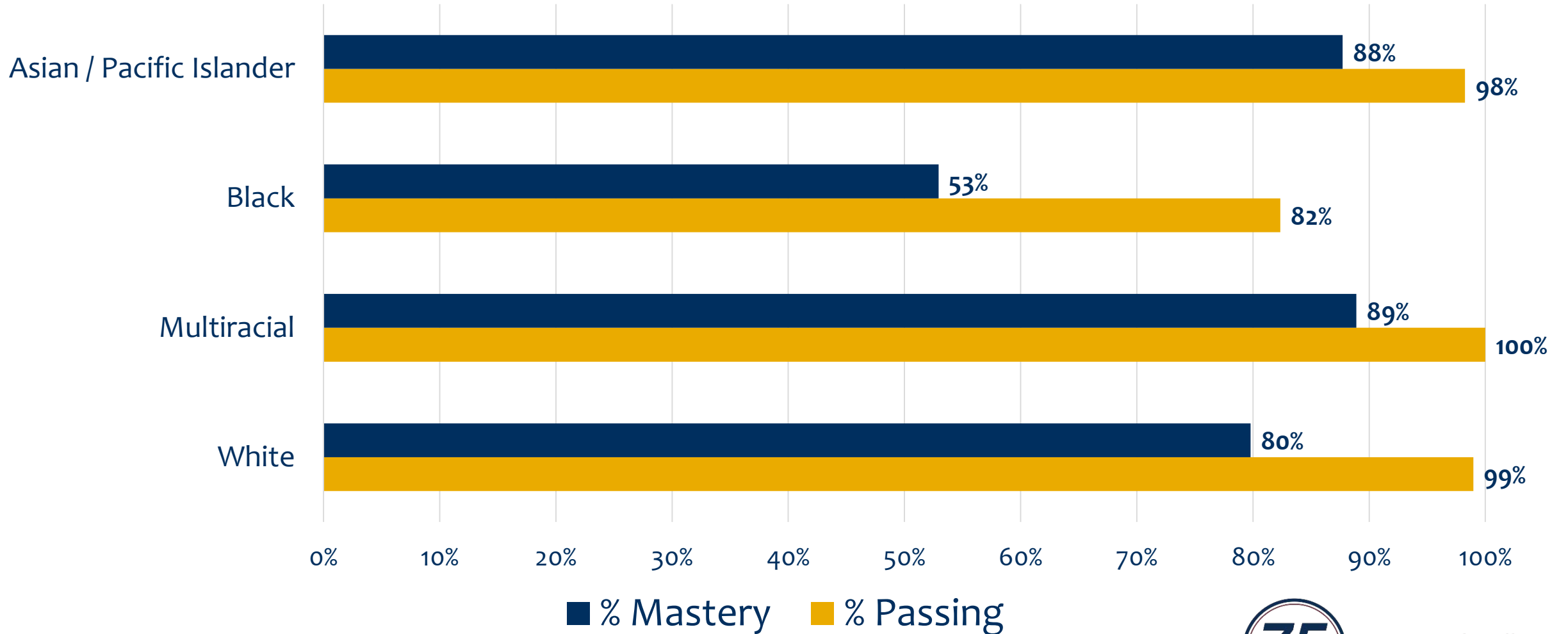
Regents Living Environment
Percent Mastery and Passing 2021
Showing PCSD's Four Largest Racial Groups



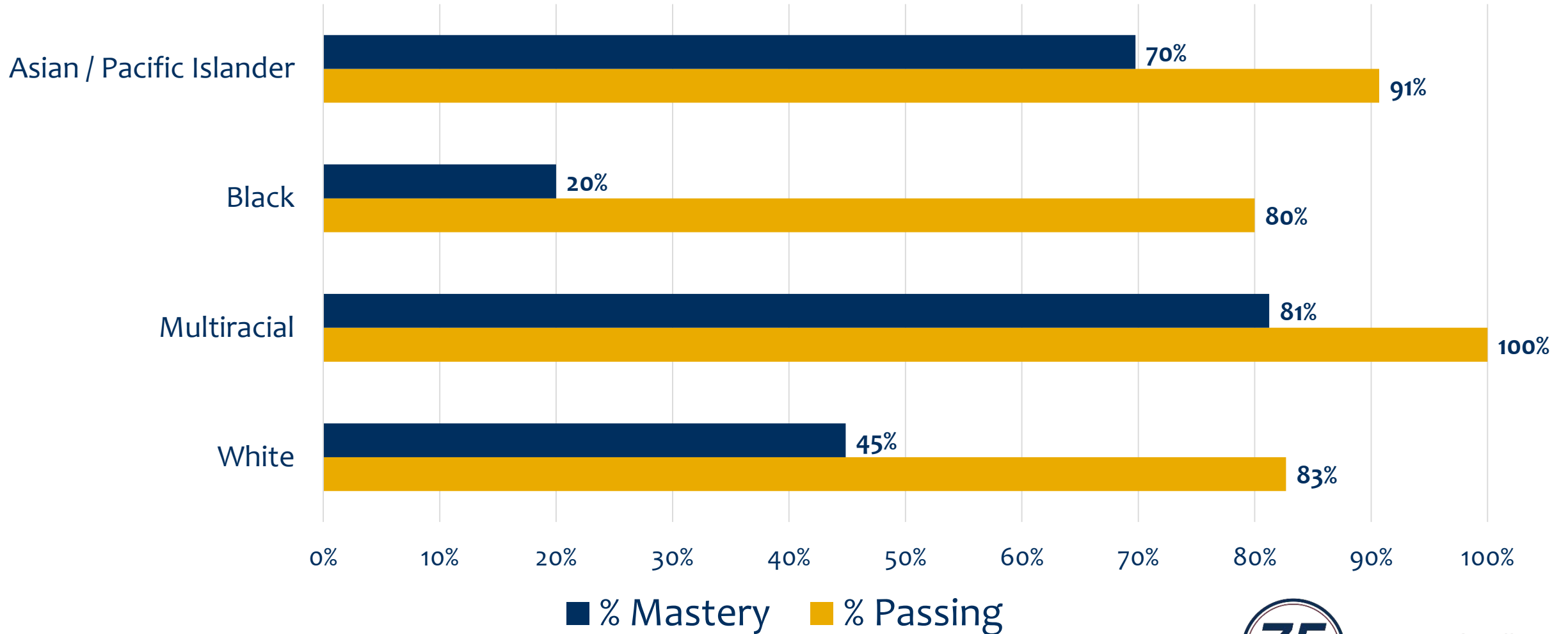
**Regents Living Environment
Percent Mastery and Passing 2019
Showing PCSD's Four Largest Racial Groups**



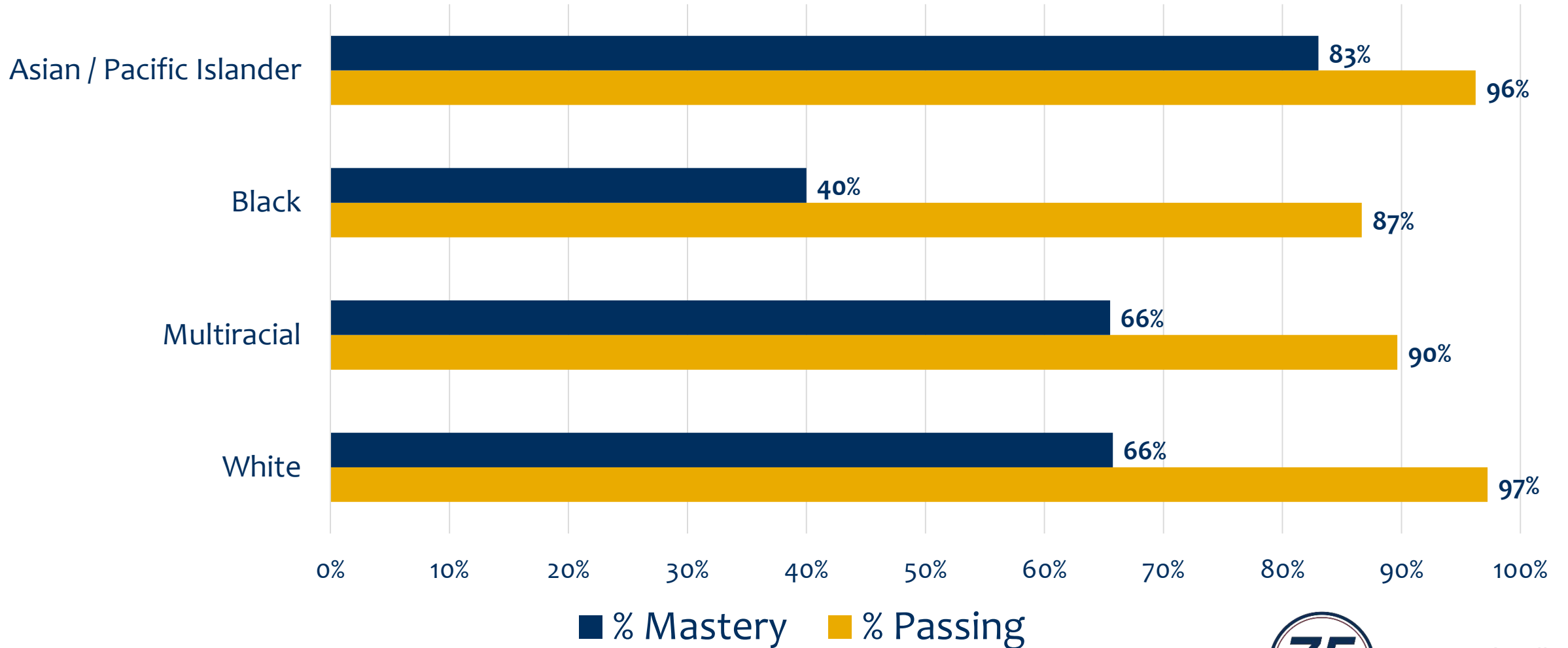
Regents Living Environment
Percent Mastery and Passing 2018
Showing PCSD's Four Largest Racial Groups



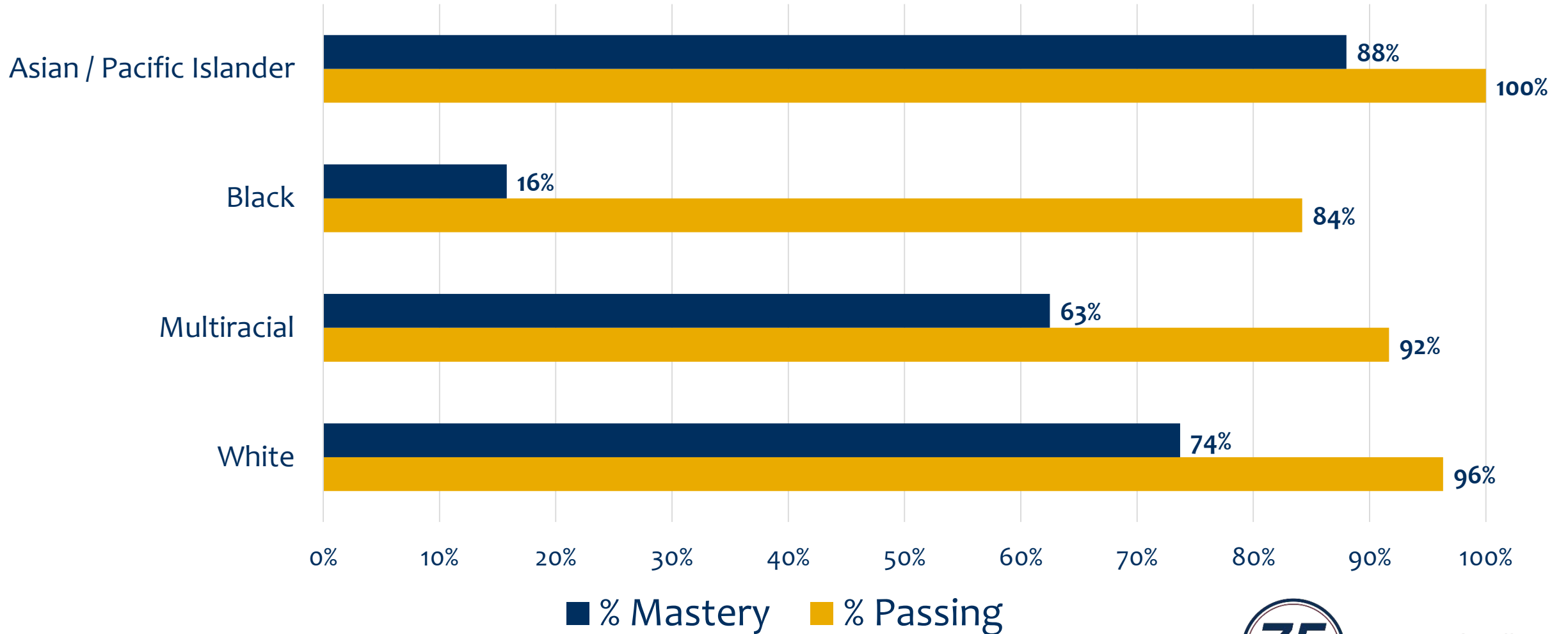
Regents Earth Science
Percent Mastery and Passing 2021
Showing PCSD's Four Largest Racial Groups



Regents Earth Science
Percent Mastery and Passing 2019
Showing PCSD's Four Largest Racial Groups



Regents Earth Science
Percent Mastery and Passing 2018
Showing PCSD's Four Largest Racial Groups



2021 Common Core Regents Scores

General Education and Special Education Comparison

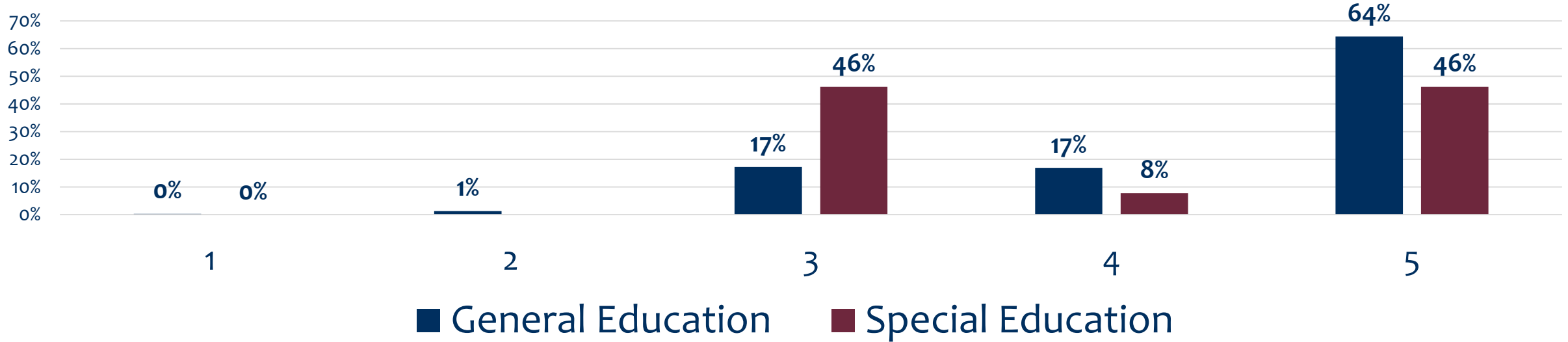


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I and Common Core ELA Regents exams. Individual students could be counted more than once if they took multiple exams. Common Core Algebra I and ELA scores are given corresponding levels from one through five. Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

2019 Common Core Regents Scores

General Education and Special Education Comparison

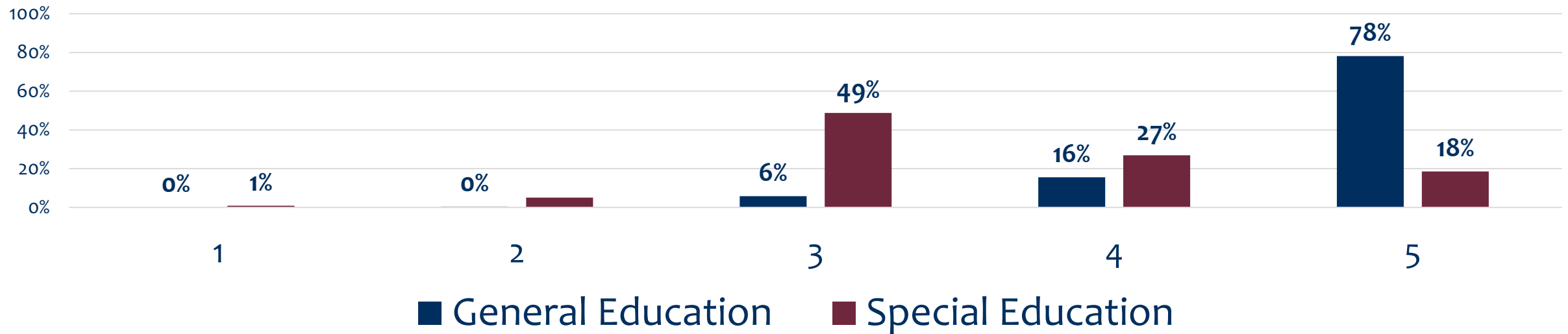


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I and Common Core ELA Regents exams. Individual students could be counted more than once if they took multiple exams. Common Core Algebra I and ELA scores are given corresponding levels from one through five. Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

2018 Common Core Regents Scores

General Education and Special Education Comparison

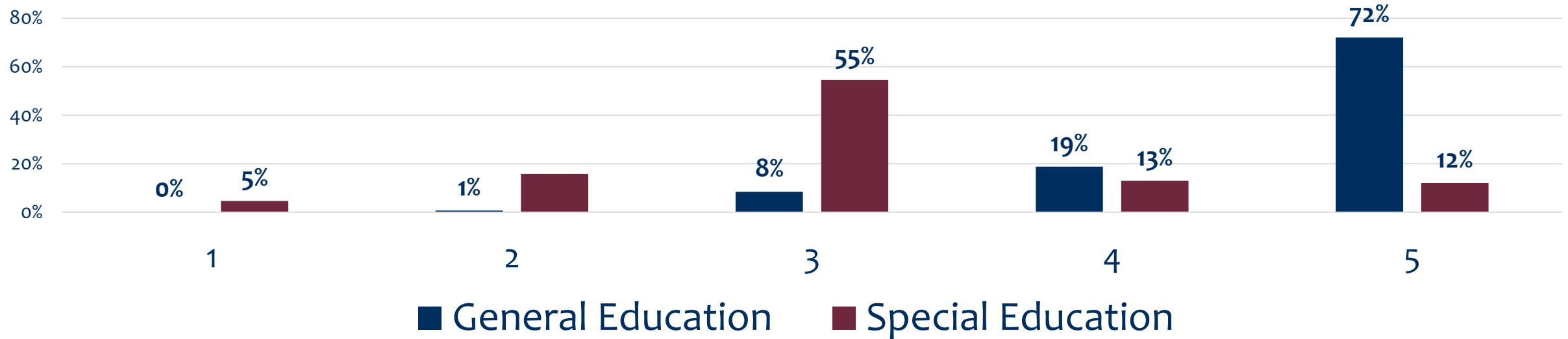


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I and Common Core ELA Regents exams. Individual students could be counted more than once if they took multiple exams. Common Core Algebra I and ELA scores are given corresponding levels from one through five. Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

2021 Regents Scores

General Education and Special Education Comparison

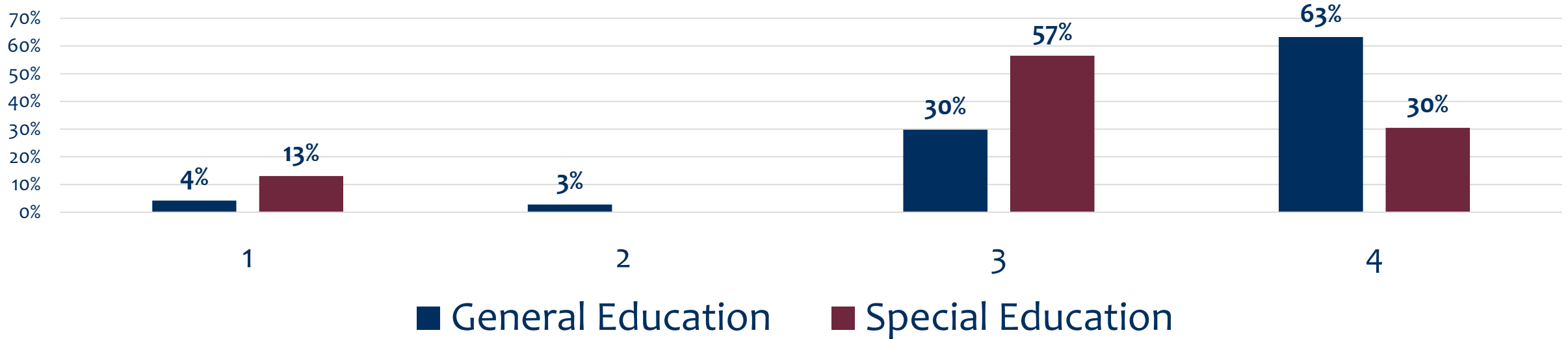


Chart numbers represent combined numbers of exam scores for the Living Environment and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Living Environment and Earth Science scores are given corresponding levels from one through four.

Please see level to score conversion chart below.

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

2019 Regents Scores

General Education and Special Education Comparison

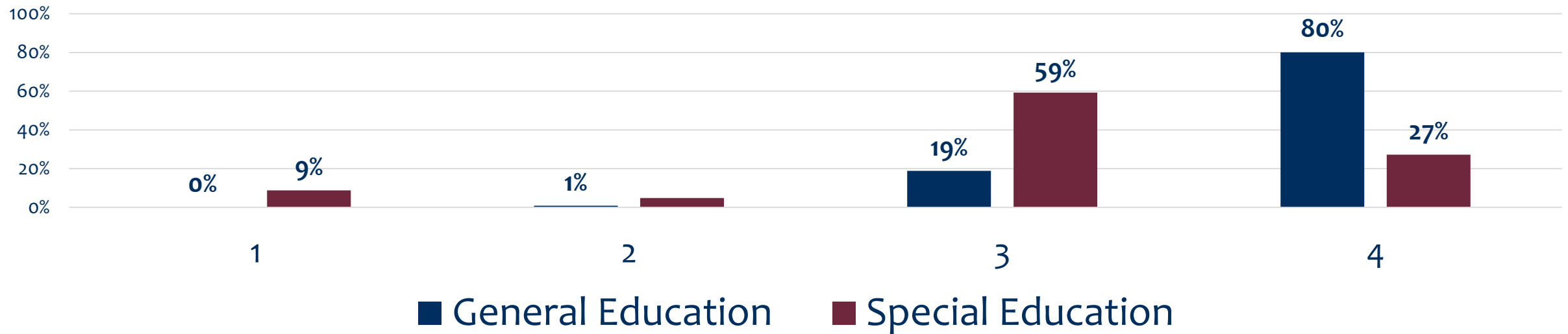


Chart numbers represent combined numbers of exam scores for the Living Environment and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Living Environment and Earth Science scores are given corresponding levels from one through four.

Please see level to score conversion chart below.

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

2018 Regents Scores

General Education and Special Education Comparison

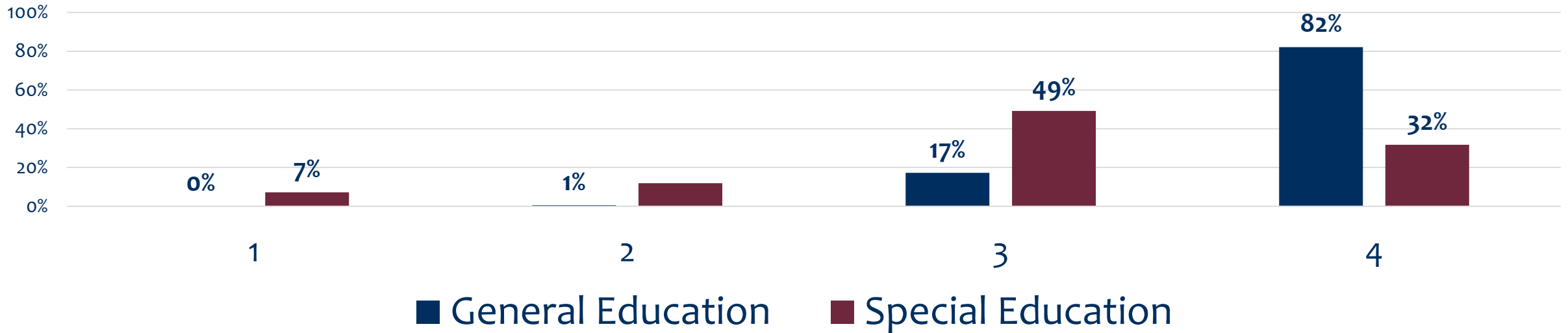


Chart numbers represent combined numbers of exam scores for the Living Environment and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Living Environment and Earth Science scores are given corresponding levels from one through four.

Please see level to score conversion chart below.

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

2021 Regents Scores Non-FRLP and FRLP Comparison

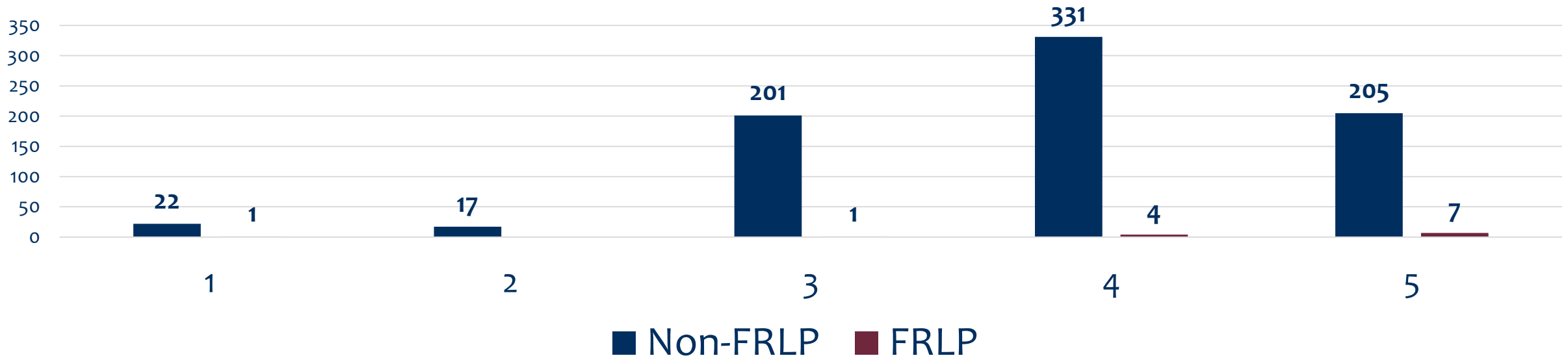


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I, Common Core ELA, Living Environment, and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Common Core Algebra I and ELA scores are given corresponding levels from one through five, while Living Environment and Earth Science scores are given corresponding levels from one through four. Because of the differing levels, number of fours will be inflated over number of fives. This does not correlate to less students achieving mastery.

Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

2019 Regents Scores Non-FRLP and FRLP Comparison

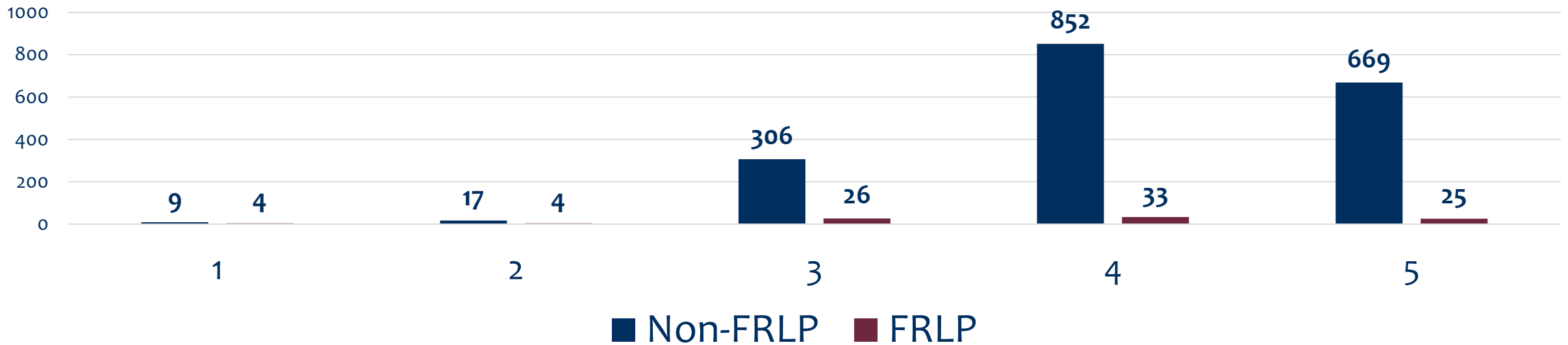


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I, Common Core ELA, Living Environment, and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Common Core Algebra I and ELA scores are given corresponding levels from one through five, while Living Environment and Earth Science scores are given corresponding levels from one through four. Because of the differing levels, number of fours will be inflated over number of fives. This does not correlate to less students achieving mastery.

Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

2018 Regents Scores Non-FRLP and FRLP Comparison

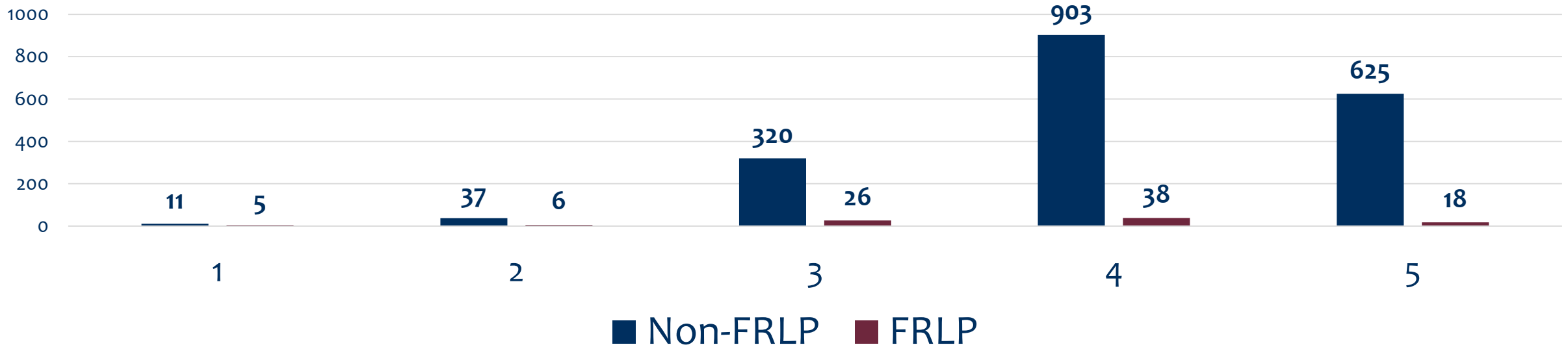


Chart numbers represent combined numbers of exam scores for the Common Core Algebra I, Common Core ELA, Living Environment, and Earth Science Regents exams. Individual students could be counted more than once if they took multiple exams.

Common Core Algebra I and ELA scores are given corresponding levels from one through five, while Living Environment and Earth Science scores are given corresponding levels from one through four. Because of the differing levels, number of fours will be inflated over number of fives. This does not correlate to less students achieving mastery.

Please see level to score conversion chart below.

Common Core Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-79, Level 4 = 80-84, Level 5 = 85-100

Regents Level to Score Conversion:

Level 1 = 0-54, Level 2 = 55-64, Level 3 = 65-84, Level 4 = 85-100

AP Examinations 2021

National Assessments

Advanced Placement Examinations 2020-2021

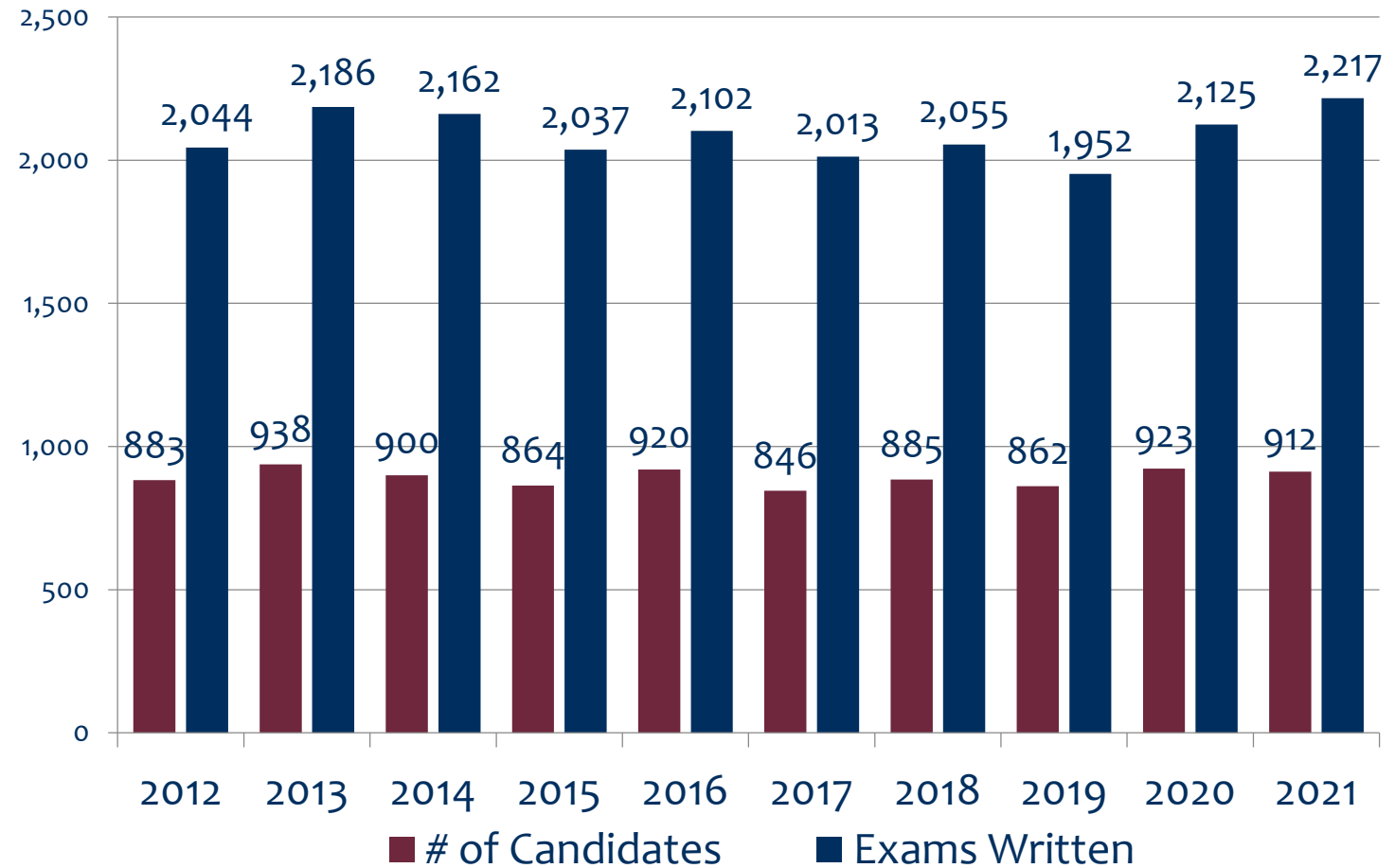
Increase in the *Number of Exams Written*

29 Different Assessments

912 AP Students;
2217 Exams Written

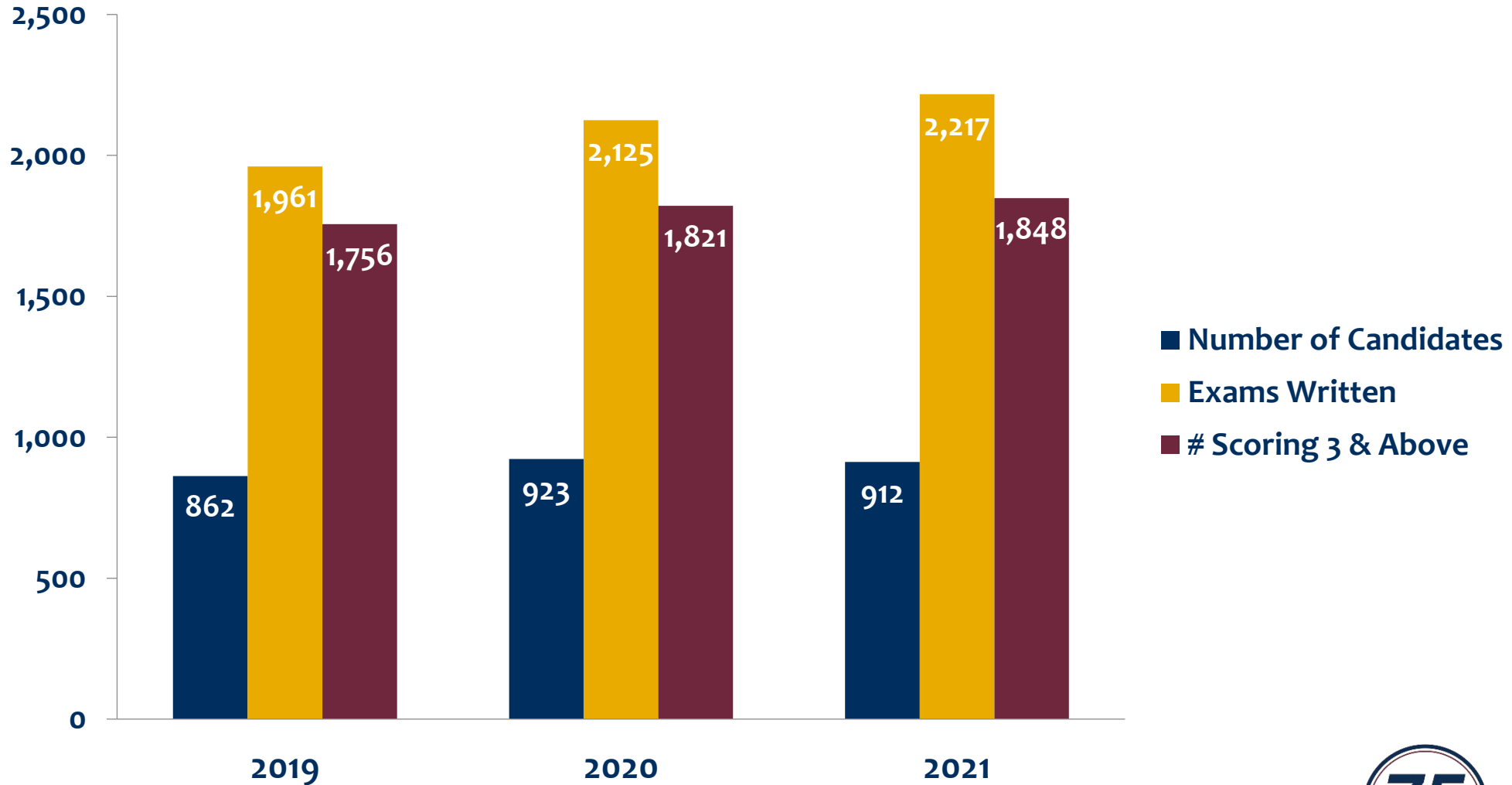
83% of Students
Scored a 3 or Above

AP Exams: 10-Year Trend



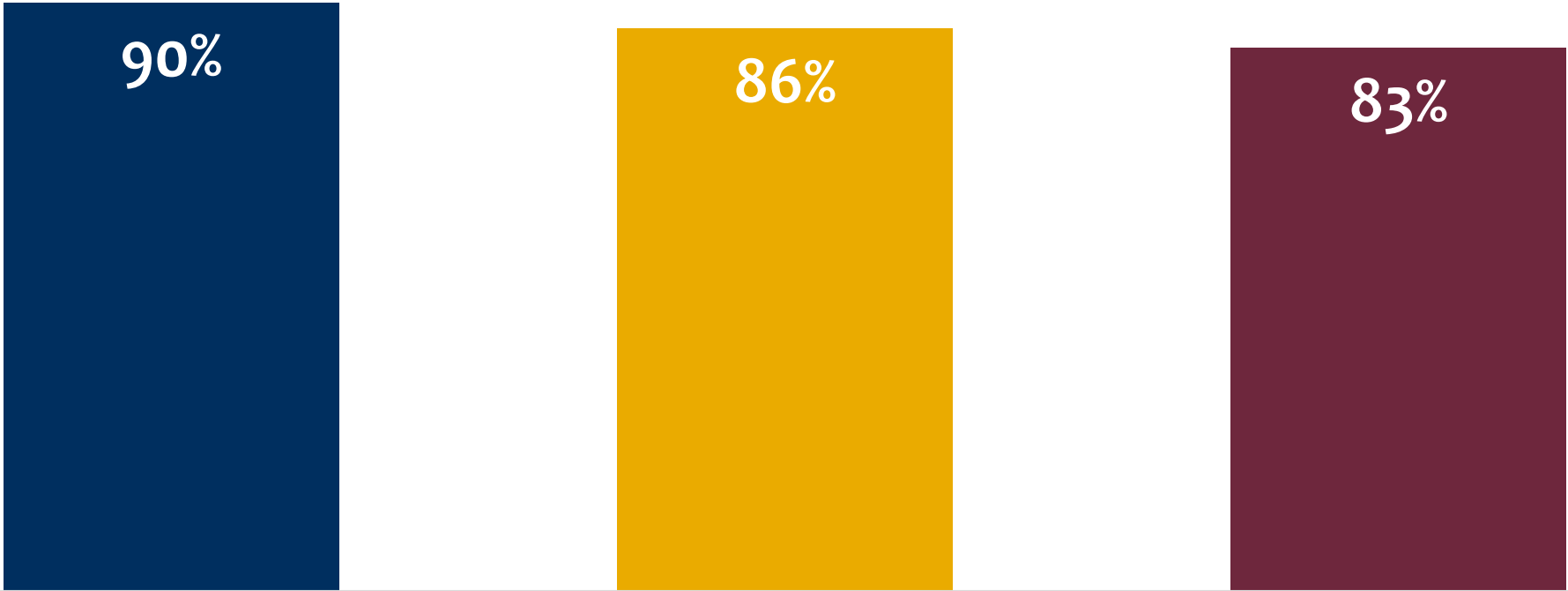
AP Exams

3-Year Trend Pittsford Candidates Scoring 3 and Above



AP Exams 3-Year Trend

PCSD Percent of Scores at 3 or Above
2019-2021



2019

2020

2021



CELEBRATING *Excellence*
1946-2021 Pittsford Schools

AP Exams 2019-2021

3-Year Trend

Percentage of students with a score of 3 or above

PCSD Examination	2019 % 3 or Above	2020 % 3 or Above	2021 % 3 or Above
2-D Art and Design	100%	100%	100%
3-D Art Design	--	--	100%
Art History	--	55%	--
Biology	91%	86%	86%
Calculus AB	92%	80%	82%
Calculus BC	98%	96%	93%
Chemistry	89%	85%	80%
Chinese Language & Culture	100%	100%	100%
Comparative Gov & Politics	89%	77%	81%
Computer Science A	--	76%	72%
Computer Science Principles	97%	82%	92%
Drawing	100%	100%	100%
English Lang./Comp	93%	87%	95%
English Lit./Comp.	96%	88%	78%
Environmental Science	73%	56%	65%
European History	94%	92%	86%
French Language & Culture	97%	100%	88%
German Language & Culture	--	100%	--
Japanese Language & Culture	--	--	--
Latin	83%	--	67%
Macroeconomics	84%	89%	75%
Microeconomics	88%	83%	87%
Music Theory	90%	67%	100%
Physics 1	100%	100%	83%
Physics C-Elect./Mag.	71%	78%	55%
Physics C-Mechanics	97%	98%	87%
Psychology	87%	88%	89%
Spanish Language & Culture	100%	93%	97%
Statistics	88%	87%	78%
US Gov & Politics	83%	75%	76%
US History	90%	90%	86%
World History	96%	94%	91%
Totals	89%	86%	83%

AP Exams 2019-2021

3-Year Trend

Number of written exams,
percentage of students with
a score of 3 or above,
and mean score

Please see handout



PCSD AP Exam	2019			2020			2021		
	# Written	% 3 or Above	Mean Score	# Written	% 3 or Above	Mean Score	# Written	% 3 or Above	Mean Score
2-D Art and Design	9	100%	3.7	14	100%	3.9	11	100%	3.5
3-D Art and Design	--	--	--	--	--	--	2	100%	4.0
Art History	--	--	--	11	55%	3.4	--	--	--
Biology	125	91%	3.6	146	86%	3.5	137	86%	3.5
Calculus AB	106	92%	4.0	101	80%	3.7	83	82%	3.7
Calculus BC	86	98%	4.7	75	96%	4.5	67	93%	4.1
Chemistry	127	89%	3.9	126	85%	3.7	84	80%	3.4
Chinese Language & Culture	5	100%	4.4	6	100%	4.7	6	100%	4.2
Comparative Gov & Politics	71	89%	3.9	83	77%	3.7	73	81%	3.4
Computer Science A	--	--	--	33	76%	3.3	28	72%	3.3
Computer Science Principles	38	97%	3.7	57	82%	3.2	36	92%	3.7
Drawing	11	100%	4.2	10	100%	4.1	16	100%	3.9
English Lang./Comp	97	93%	3.9	116	87%	3.7	118	95%	3.9
English Lit./Comp.	75	96%	3.7	68	88%	3.6	66	78%	3.3
Environmental Science	109	73%	3.6	105	56%	3.0	86	65%	3.2
European History	16	94%	4.1	13	92%	3.9	30	86%	4.1
French Language & Culture	29	97%	3.7	17	100%	3.9	22	88%	3.4
German Language & Culture	--	--	--	6	100%	5	--	--	--
Japanese Language & Culture	--	--	--	--	--	--	--	--	--
Latin	30	83%	3.6	--	--	--	20	67%	2.8
Macroeconomics	91	84%	3.5	82	89%	3.9	74	75%	3.6
Microeconomics	90	88%	3.8	82	83%	3.8	84	87%	3.8
Music Theory	10	90%	4.6	3	67%	4.0	7	100%	4.6
Physics 1	1	100%	5.0	4	100%	4.3	5	83%	3.2
Physics C-Elect./Mag.	28	71%	3.3	55	78%	3.9	24	55%	3.1
Physics C-Mechanics	30	97%	4.2	56	98%	4.5	39	87%	3.7
Psychology	235	87%	3.9	202	88%	3.9	172	89%	4.0
Spanish Language & Culture	19	100%	3.6	44	93%	3.9	37	97%	3.6
Statistics	72	88%	3.6	95	87%	3.8	83	78%	3.4
US Gov & Politics	70	83%	3.6	84	75%	3.6	76	76%	3.4
US History	197	90%	3.9	198	90%	3.9	169	86%	3.8
World History	184	96%	4.0	233	94%	4.1	193	91%	3.9
Totals	1,961	89%	3.8	2,125	86%	3.8	1,848	83%	3.6

ACT Examinations 2021

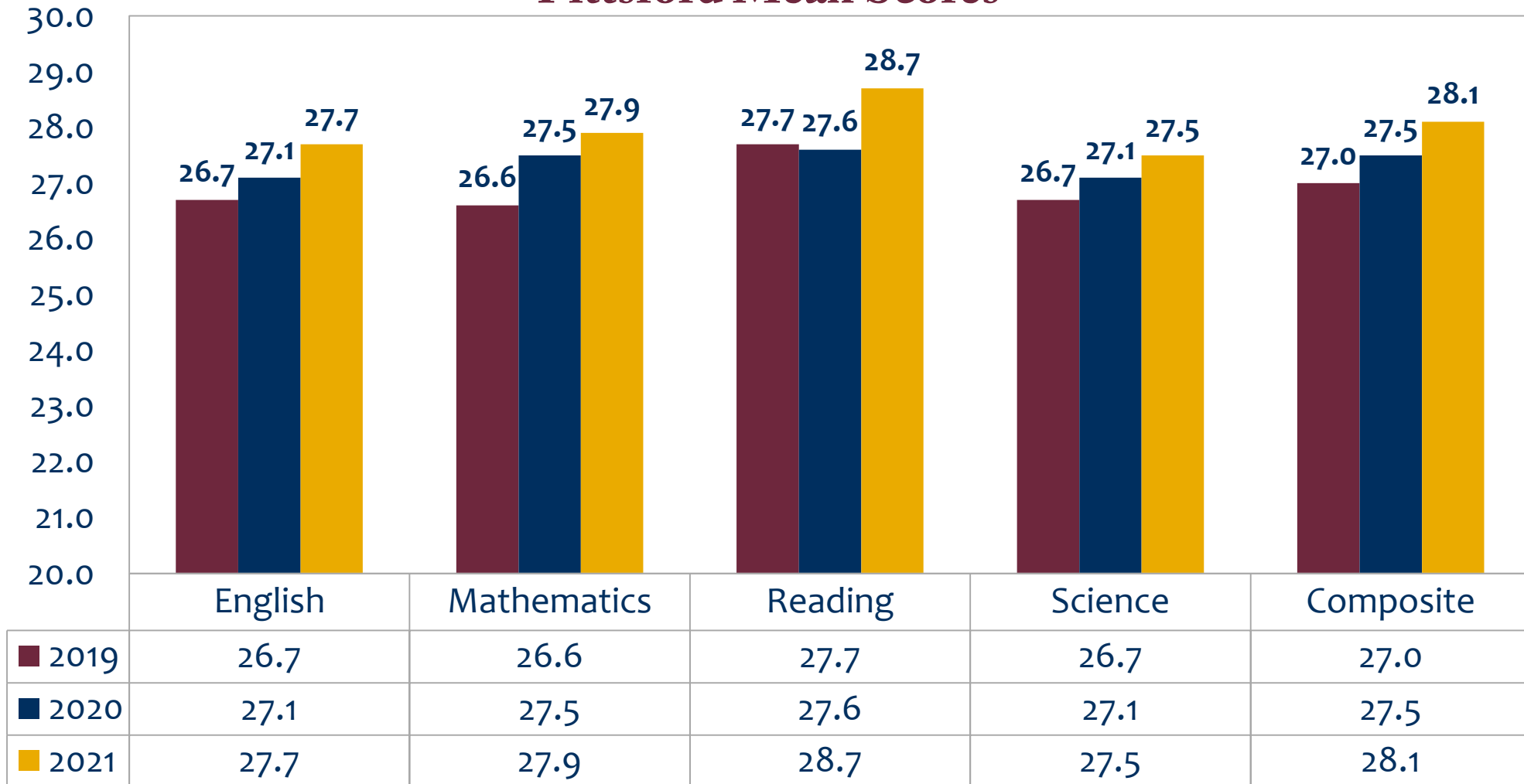
National Assessments American College Tests (ACT) 2021

Prior high levels of achievement in comparison to other students in New York State and in the Nation. 2021 State and National ACT data are not available until mid October.

268 Students Tested

2021 High School ACT: 3-Year Trend

Pittsford Mean Scores



2021 ACT Score Distributions

2021 ACT 251 Students Tested	English (Benchmark=18)		Math (Benchmark=22)		Reading (Benchmark=22)		Science (Benchmark=23)	
	#	%	#	%	#	%	#	%
Very High 33-36	73	27%	53	19%	100	36%	67	24%
High 28-32	67	24%	98	36%	65	24%	64	23%
High Average 24-27	64	23%	76	28%	42	15%	86	31%
Average 20-23	56	20%	27	10%	48	18%	39	14%
Low Average 16-19	12	4%	18	7%	14	5%	15	5%
Low 1-15	2	1%	2	1%	5	2%	3	1%

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.



CELEBRATING *Excellence*
1946-2021 Pittsford Schools

SAT Examinations 2021

SAT Results 2021

Designed to assess academic readiness for college

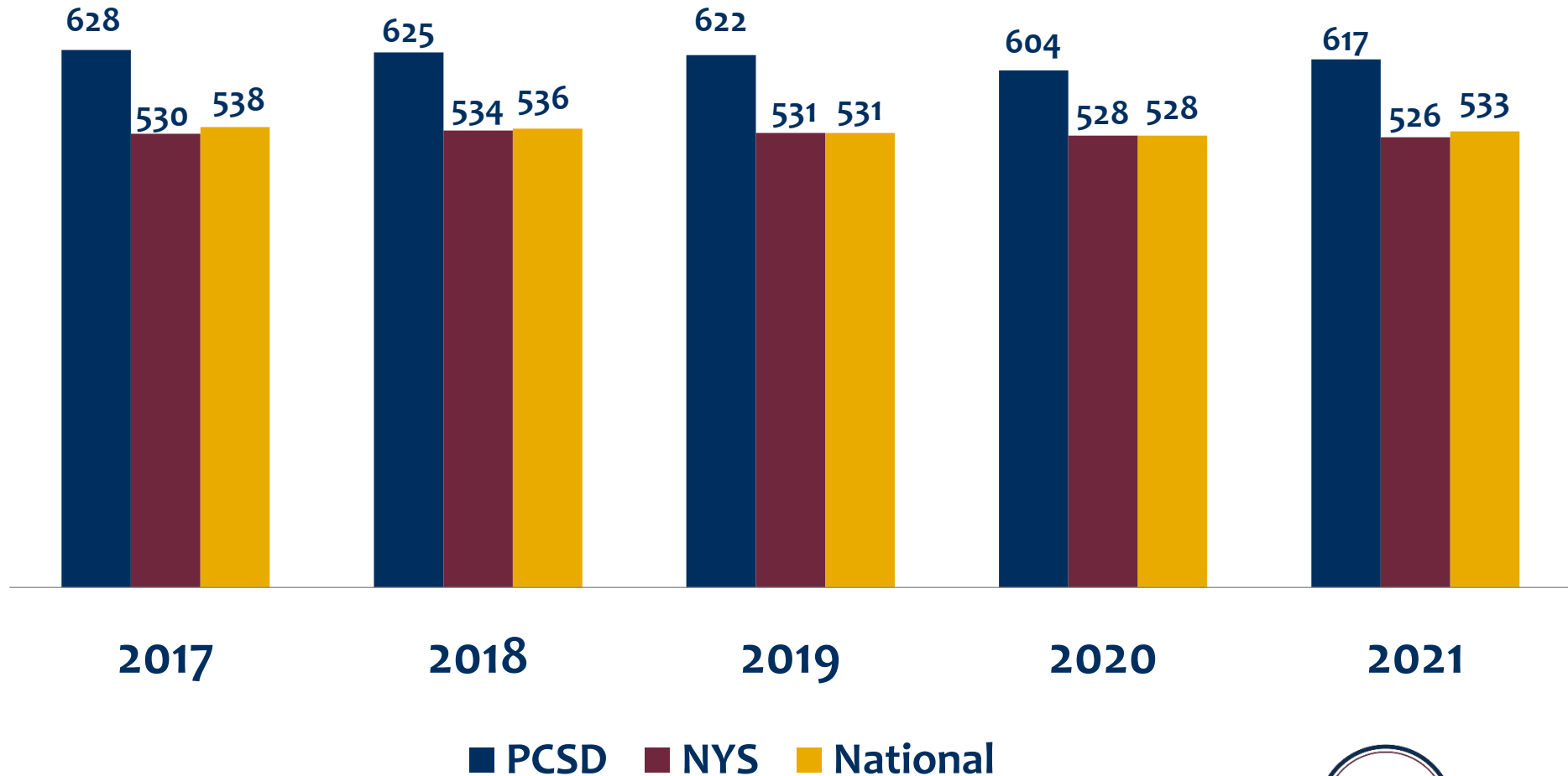
Used by many colleges throughout U.S.

Composed of Evidence-Based Reading & Writing and Mathematics

395 Students tested

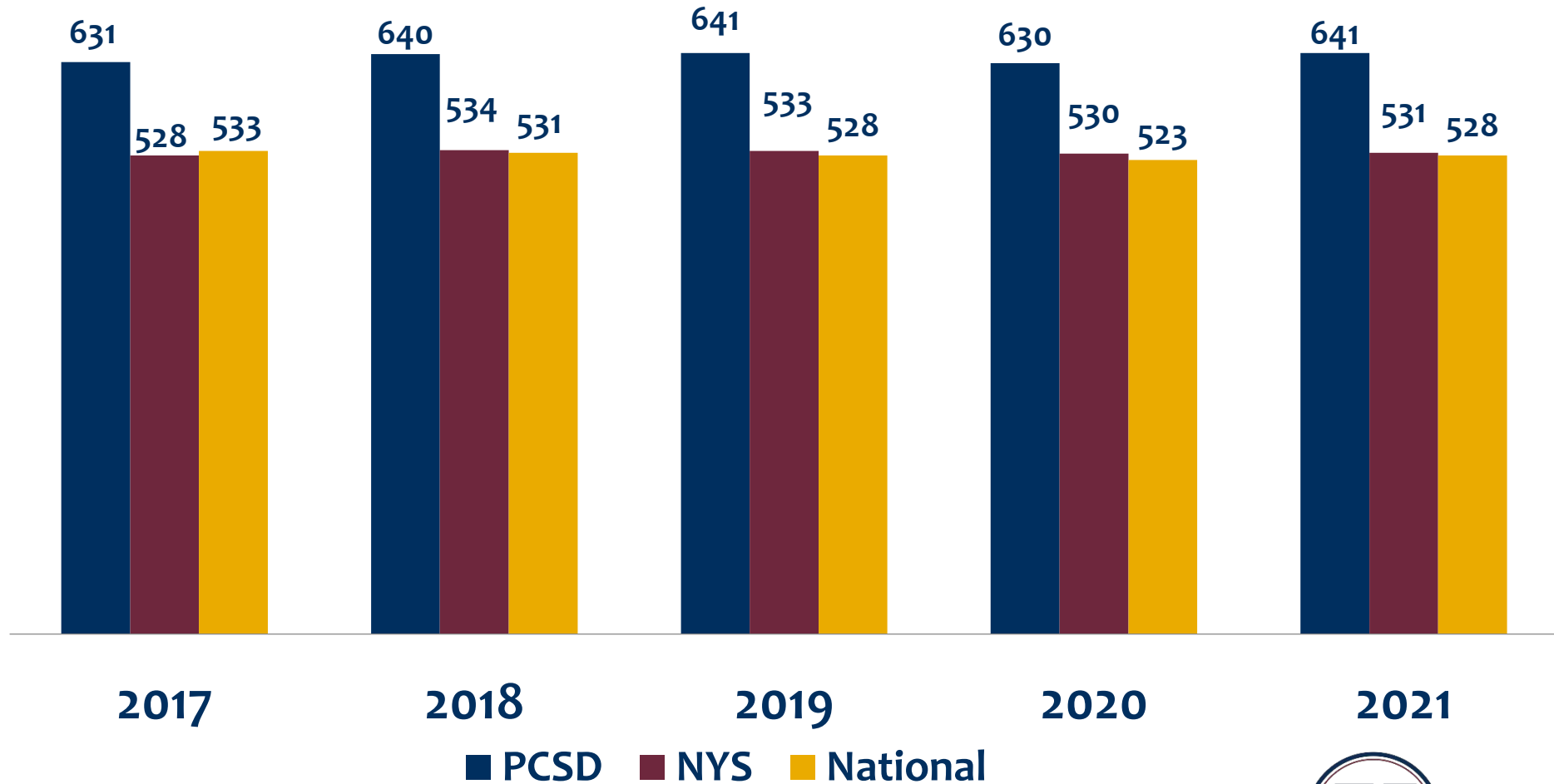
SAT Five Year Comparison

Mean Score – Evidence-Based Reading & Writing



SAT Five Year Comparison

Mean Score - Mathematics



Discussion