

The Ewing Public Schools

Public Presentation of the Spring 2019 NJSLA Results

Presented by
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Assistant Superintendent
September 23, 2019



THE EWING
PUBLIC SCHOOLS

**Public Presentation of the Formal
Report on ESSA
September 23, 2019**



The ESSA categorizes schools as:

- **Comprehensive Support and Improvement (CSI)**
- **Targeted Support and Improvement (TSI)**
 - **Non-Categorized**



**All Ewing Public
Schools Are
Non-Categorized**



NJSLA Assessment

- Spring 2019 was the first (1th) administration of the New Jersey Student Learning Assessment (NJSLA)
- New Spring 2019 Science assessment in Grades 4, 8 and 11 the New Jersey Science Learning Assessment (NJSLA) replacing the New Jersey Biology Competency Test (NJBCT) in Grades 9-12



New Jersey Student Learning Assessment (NJSLA)

Administered to:

- all grade 3-8 students in ELA and Math
- All students enrolled in Algebra I, Geometry, Algebra II, English 9, English 10 and English 11



Ewing 2019 'Refusal to Test'

Antheil	3	Decreased since 2015	
Lore	4	Spring 2015	191
Parkway	5	Spring 2018	117
Fisher Middle	79		
<u>Ewing High</u>	<u>21</u>	Increase Fisher Middle	
Total	112	Spring 2018	40
		Spring 2019	79



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- **Single administration**
 - **spring -Grades 3-8**
 - **end of each semester Grades 9-11 (Fall and Spring)**
- **Technology-based**
- **Math by Grade Level (3-8) and End of Course: Algebra 1, Geometry, Algebra II**
- **ELA by Grade Level 3-8 and End of Course (English 9, 10 and 11)**
- **Based on NJSLs**
- **First administration Science Grades 5, 8 and 11 computer based administration aligned to NGSS (NJSLA-S)**
- **Shorter testing time (grade level and content specific, 15-30 minutes)**



How Does NJSLA Impact High School Graduation Requirements?

1. Meet the minimum requirement of courses in ELA, Math, Science, Social Studies, Financial Literacy, Performing/Practical Arts, Physical Education and World Language

AND

2. Demonstrate competency in ELA *and* Math on a State assessment (or alternative assessment)



How Does NJSLA Impact High School Graduation Requirements?

- PARCC/NJSLA is *one* of **multiple** assessments which can be used to demonstrate competency and meet the graduation requirement in ELA *and* Math for the class of 2020 - 22 (current Grade 10-12 students)



New Jersey
Student Learning
Assessment



Partnership for Assessment of
Readiness for College and Careers



How Does NJSLA Impact High School Graduation Requirements?

Recently, (June 2019), the Department of Education has clarified the specific pathways to meet the State assessment requirements for the class of **2020, 2021 and 2022** and committed to provide fair notice to students and educators for the **class of 2023** and beyond.



How Does NJSLA Impact High School Graduation Requirements?

Class of:

2020 – current 12th grade

2021 – current 11th grade





2022 – current 10th grade

Can meet graduation assessment requirements through any of these **three pathways**:

1. Achieving passing scores on high-level PARCC assessments;
2. Achieving certain scores on alternative assessments such as the SAT, ACT, or Accuplacer; or
3. The submission by the district of a student portfolio through the Department's portfolio appeals process.



ELA and Math Assessment Requirements for the Class of 2020

Three Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway <i>Take and Pass a PARCC Test</i>	 PARCC ELA Grade 9 <i>or</i> PARCC ELA Grade 10 <i>or</i> PARCC ELA Grade 11	 PARCC Algebra I*** <i>or</i> PARCC Geometry <i>or</i> PARCC Algebra II
Second Pathway <i>Take and Pass one of the Alternative Assessments</i> <div> <i>This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores*</i> </div>	 SAT Reading Test <i>or</i> ACT Reading or ACT PLAN Reading** <i>or</i> Accuplacer WritePlacer <i>or</i> Accuplacer WritePlacer ESL <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading <i>or</i> ACT Aspire Reading** <i>or</i> ASVAB-AFQT Composite	 SAT Math Test <i>or</i> ACT or ACT PLAN Math** <i>or</i> Accuplacer Elementary Algebra <i>or</i> PSAT10 Math or PSAT/NMSQT Math <i>or</i> ACT Aspire Math** <i>or</i> ASVAB-AFQT Composite
Third Pathway <i>Portfolio Appeals</i> <div> <i>This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores*</i> </div>	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receives a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11. ** Test is no longer administered but can be used for the graduating year. *** The NJDOE is providing flexibility to meet the math assessment requirement for students in the Classes of 2020 and 2021 who completed an Algebra I course prior to the September 6, 2016 effective date of the new high school assessment regulations.

Graduation Requirements: Classes 2020 – 2022

NJSLA

- NJSLA EOC Algebra I, Geometry, Algebra II and ELA 9, ELA 10, ELA 11

Substitute
Assessments

- Any of the following: SAT, ACT/ACT PLAN, Accuplacer, ASVAB-AFQT, PSAT, ACT
- Aspire EOC PARCC assessment (ELA 9, ELA 11, Geometry, or Algebra II)

Portfolio
Appeal

- Submitted by the district on behalf of the student.

Students in these classes have limited opportunities to participate in PARCC assessments and some may have already taken subjects tested by PARCC.

As such, to meet graduation requirements, students are able to meet various scores on PARCC assessments , substitute assessments or via the portfolio appeal process.

How Does PARCC/NJSLA Impact High School Graduation Requirements?

	PARCC	SAT (Prior to March 2016)	ACT	Accuplacer	PSAT (Prior to October 2016)	ACT Aspire	ASVAB- AFQT	NJ DOE Portfolio Appeal
ELA	Grade 9 >= 750 (Level 4) or Grade 10 >= 750 (Level 4) or Grade 11 >= 725 (Level 3)	400 Critical Reading	16	6 Write Placer 4 Write Placer ESL	40 Critical Reading PSAT10 Reading or PSAT/NMS QT Reading** * >=22	422	31 Composite	Meet criteria



** SAT - new scoring criterion after March 2016

*** PSAT taken October 2016

How Does PARCC/NJSLA Impact High School Graduation Requirements?

	PARCC	SAT (Prior to March 2016)	ACT	Accuplacer	PSAT (Prior to October 2016)	ACT Aspire	ASVAB -AFQT	NJ DOE Portfolio Appeal
Math	Algebra I >= 750 (Level 4) or Geometry >= 725 (Level 4) or Algebra II >= 725 (Level 3)	400 Critical Reading	16	76 Elementary Algebra	40 Critical Reading PSAT10 Math or PSAT/N MSQT Math *** >=22	422	31	Meet criteria



** SAT - new scoring criterion after March 2016

*** PSAT taken October 2016

Overview of the PARCC Data



2019 Math Performance

**Meet/Exceed the District percentage of
students at a Level 4+5**

Building	Grade	District Score	School Score
Parkway	3	53	53
Parkway	4	38	46
Lore	3	53	61
Lore	4	38	41
Lore	5	38	43
Anthiel	5	38	42



2019 ELA Performance

**Grade levels which exceed the DISTRICT
percentage of students at a Level 4+5**

Building	Grade	District Score	School Score
Lore	3	38	54
Lore	5	45	51
Antheil	4	45	47
Antheil	5	45	48



2019 Math Performance

**Grade levels which meet/exceed the STATE
percentage of students at a Level 4+5**

Building	Grade	STATE Score	School Score
Lore	3	51	61



2019 ELA Performance

**Grade levels which meet/exceed the STATE
percentage of students at a Level 4+5**

Building	Grade	STATE Score	School Score
Lore	3	50	54






2019 ELA Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
3	39	38	-1
4	41	45	+4
5	45	45	-
6	45	37	-8
7	52	41	-11
8	43	49	+6
9	42	38	-4
10	31	37	+6
11	25	38	+13


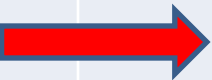



ELA Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
3	39	38 	-1
4	41	45 	+4
5	45	45 	-






ELA Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
6	45	37 	-8
7	52	41 	-11
8	43	49 	+6

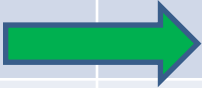
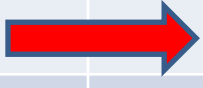
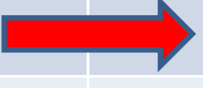
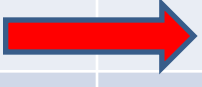
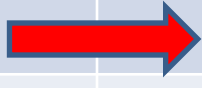
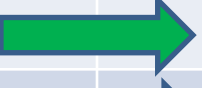
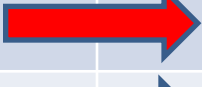
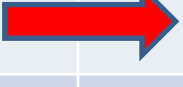



ELA Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
9	42	38 	-4
10	31	37 	+6
11	25	38 	+13


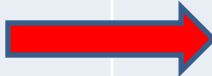



Math Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
3	48	53 	+7
4	40	38 	-2
5	41	38 	-3
6	33	25 	-8
7	41	38 	-3
8	24	25 	+1
Algebra I	35	21 	-14
Geometry	16	13 	-3
Algebra II	12	30 	+18






District Math Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
3	46	53 	+7
4	40	38 	-2
5	41	38 	-3


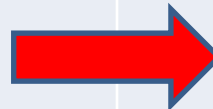



District Math Total Population Comparison %

Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
6	33	25 	-8
7	41	38 	-3
8	24	25 	+1



District Math Total Population Comparison %



Grade Level	Level 4+5 2018	Level 4+5 2019	Difference
Algebra I	35	21 	-14
Geometry	16	13 	-3
Algebra II	12	30 	+18



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“Apples to Apples” PARCC ELA Comparison %






Grade	2018	2019	Difference
3-4	39	45	 +6
4-5	41	45	 +4



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“Apples to Apples” PARCC ELA Comparison %






Grade	2018	2019	Difference
5-6	45	37	 -8
6-7	45	41	 -4
7-8	52	49	 -3



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“Apples to Apples” PARCC ELA Comparison %



Grade	2018	2019	Difference
8-9	43	38	 -5
9-10	42	37	 -5
10-11	31	38	 +7



“Apples to Apples” PARCC Math Comparison %






Grade	2018	2019	Difference
3-4	46	38	↓ -8
4-5	40	38	↓ -2



“Apples to Apples” PARCC Math Comparison %






Grade	2018	2019	Difference
5-6	41	25	 -16
6-7	33	38	 +5
7-8	41	25	 -16



“Apples to Apples” PARCC Math Comparison %



Grade	2018	2019	Difference
Algebra I	35	21	 -14
Geometry	16	13	 -3
Algebra II	12	30	 +18



Dynamic Learning Maps (DLM)

ELA Grade	Emerging	Approaching Target	At Target	Advanced	At Target or Advanced
3	22%	22%	56%	0%	56%
4	0%	50%	50%	0%	50%
5	0%	50%	50%	0%	50%
6	29%	14%	14%	43%	57%
7	0%	0%	100%	0%	100%
8	0%	50%	25%	25%	50%
11	0%	0%	75%	25%	100%

2018-2019

Dynamic Learning Maps (DLM)

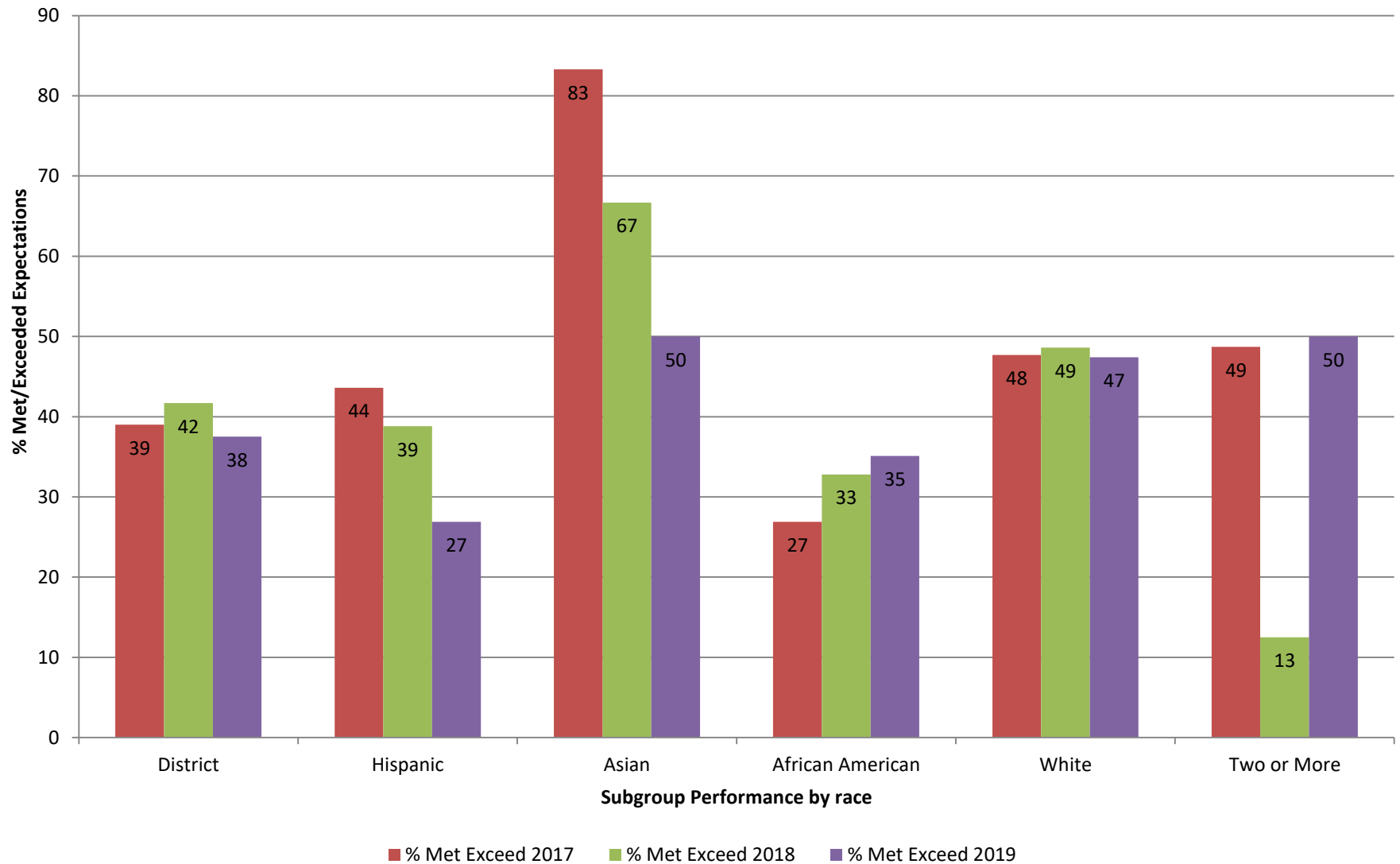
Math Grade	Emerging	Approaching Target	At Target	Advanced	At Target or Advanced
3	25%	38%	0%	38%	38%
4	0%	0%	100%	0%	100%
5	50%	0%	25%	25%	50%
6	29%	14%	14%	43%	57%
7	100%	0%	0%	0%	0%
8	25%	25%	25%	25%	50%
11	13%	75%	13%	0%	13%

2018-2019 ACCESS data

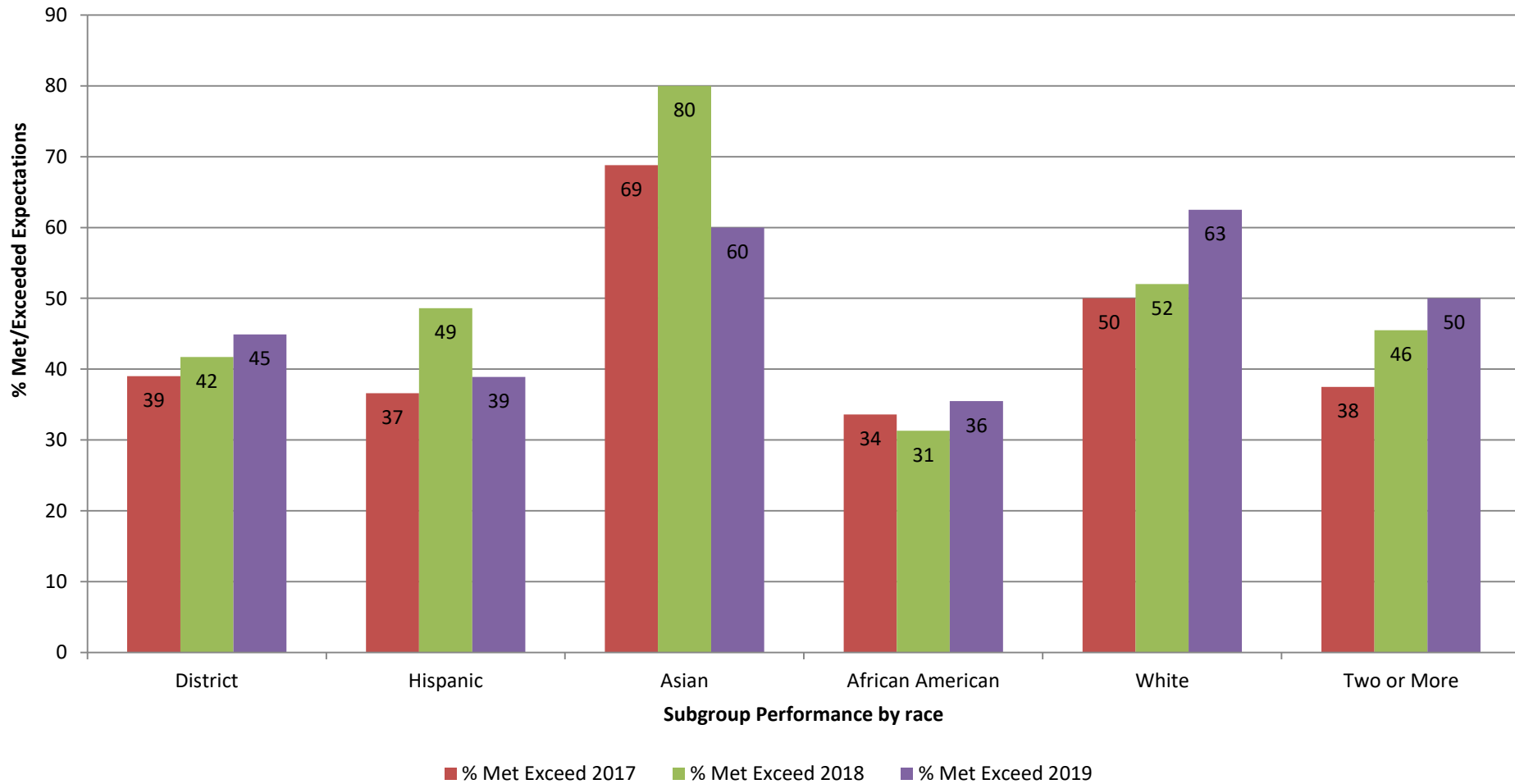
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Spring 2017-2019 NJSLA Performance by Subgroup K-5 ELA

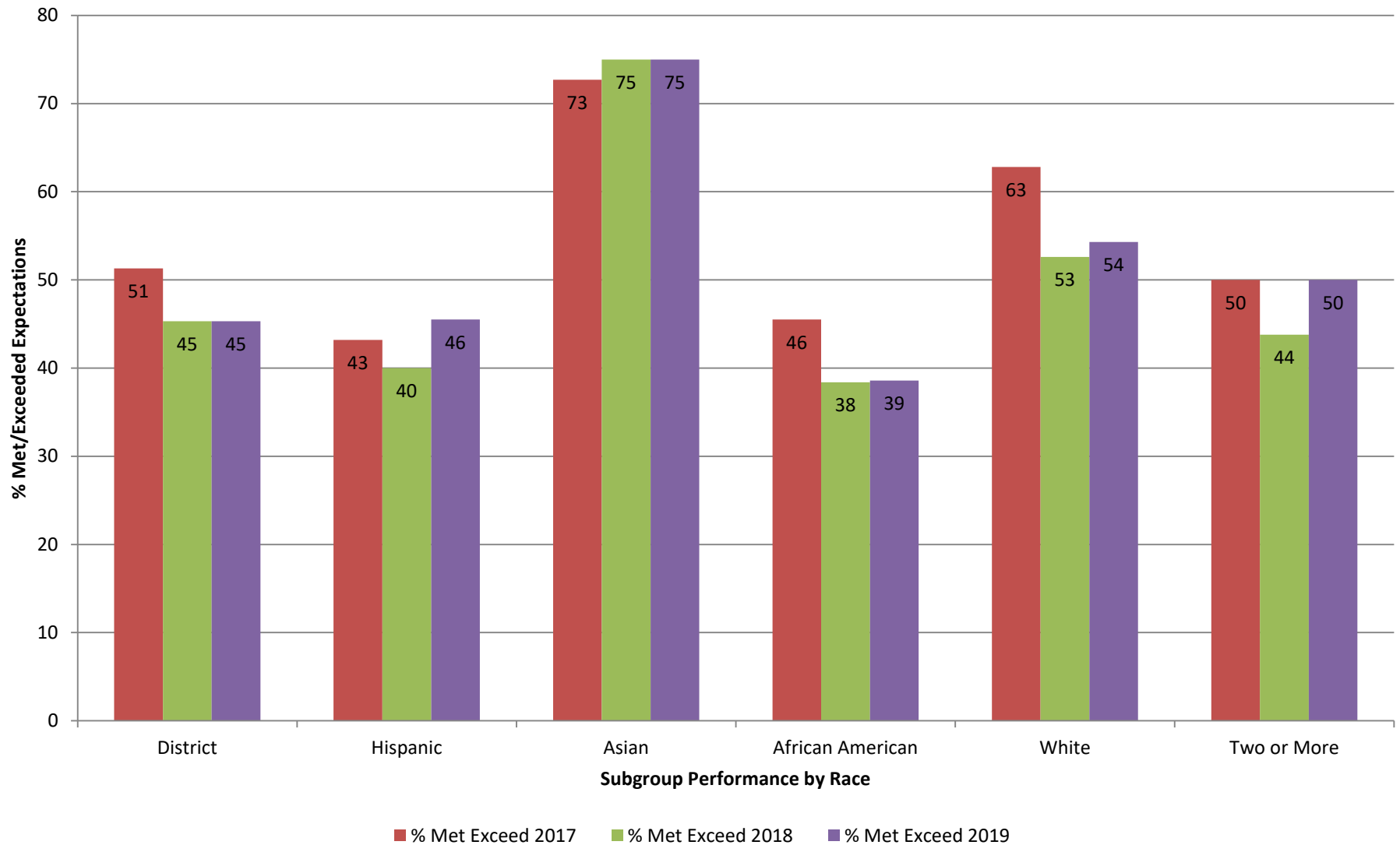
Performance by Subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 3



Performance by Subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 4

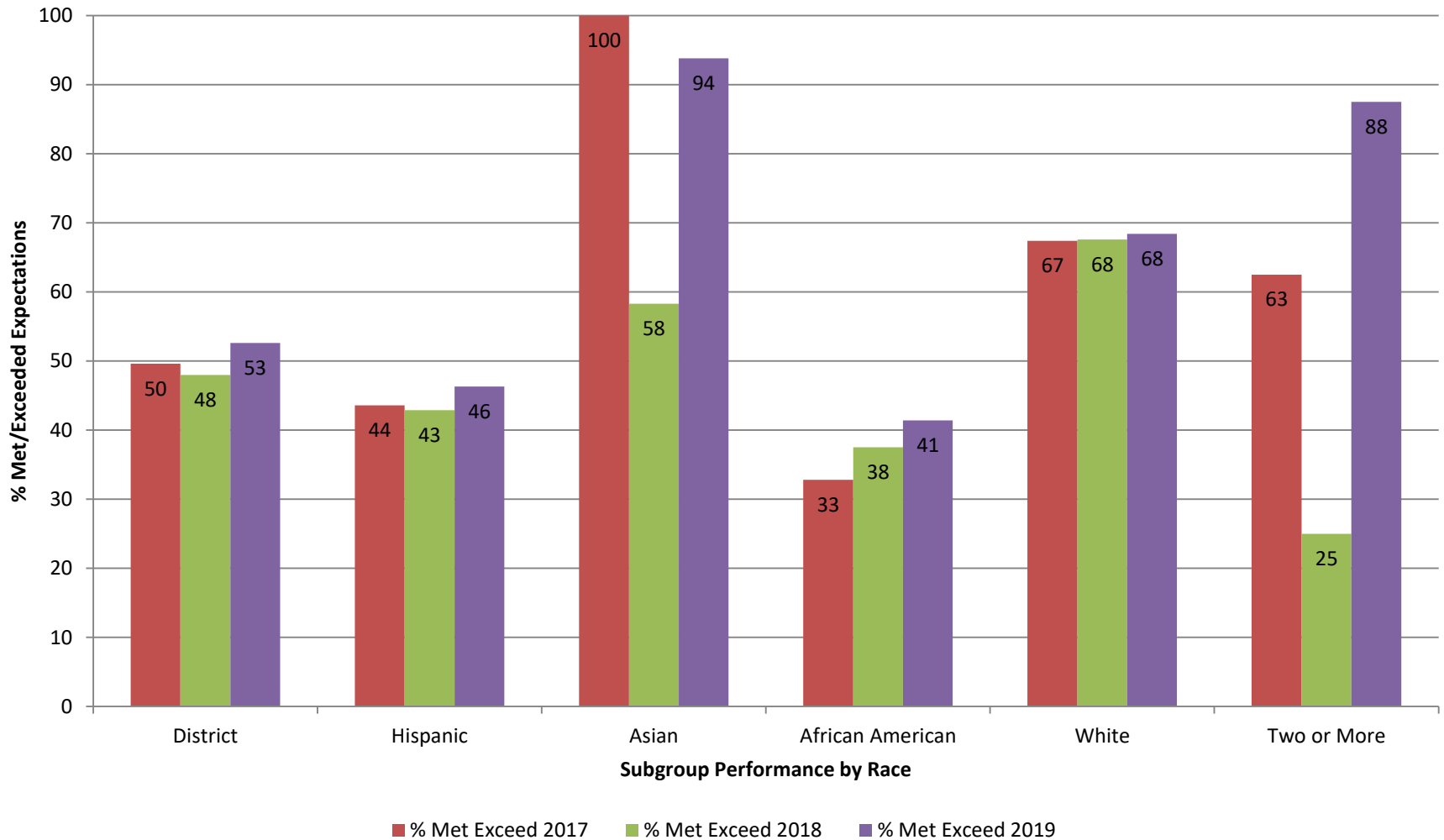


Performance by Subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 5

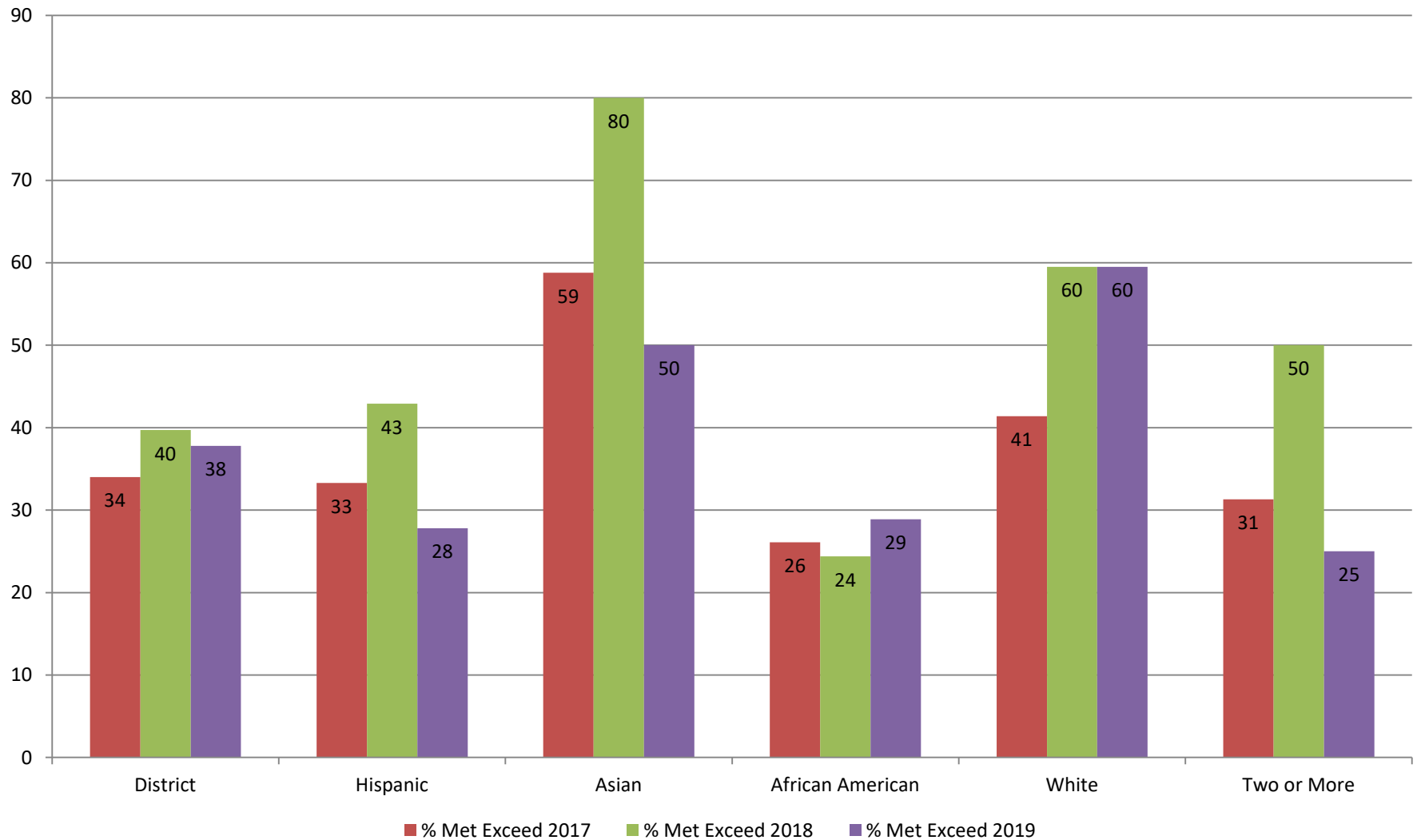


Spring 2017 - 2019 NJSLA Performance by Subgroup K-5 Math

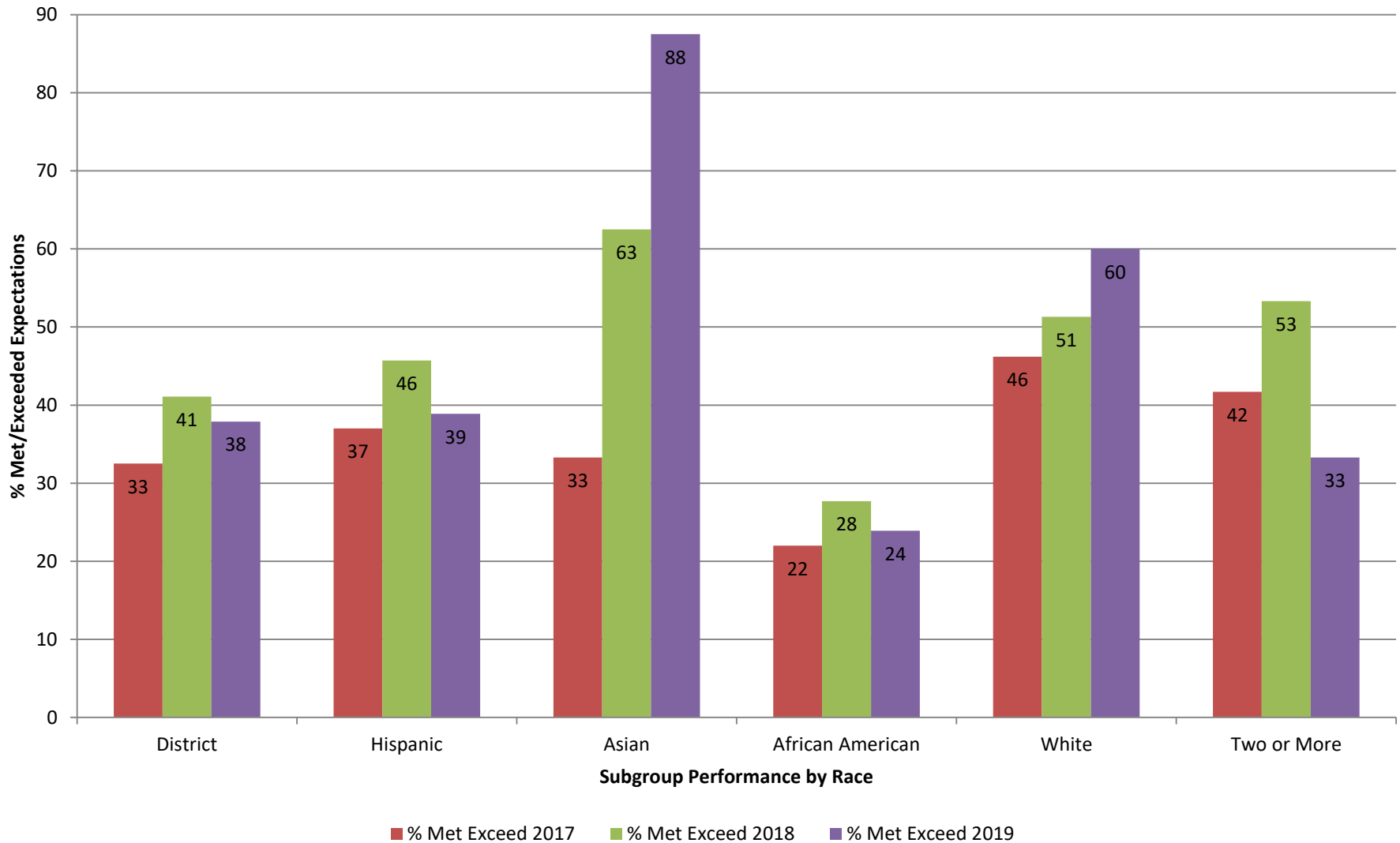
Performance by subgroups (race) Math - NJSLA Spring 2017 - 2019 - Grade 3



Performance by Subgroups (race) Math - NJSLA Spring 2017 - 2019 -Grade 4

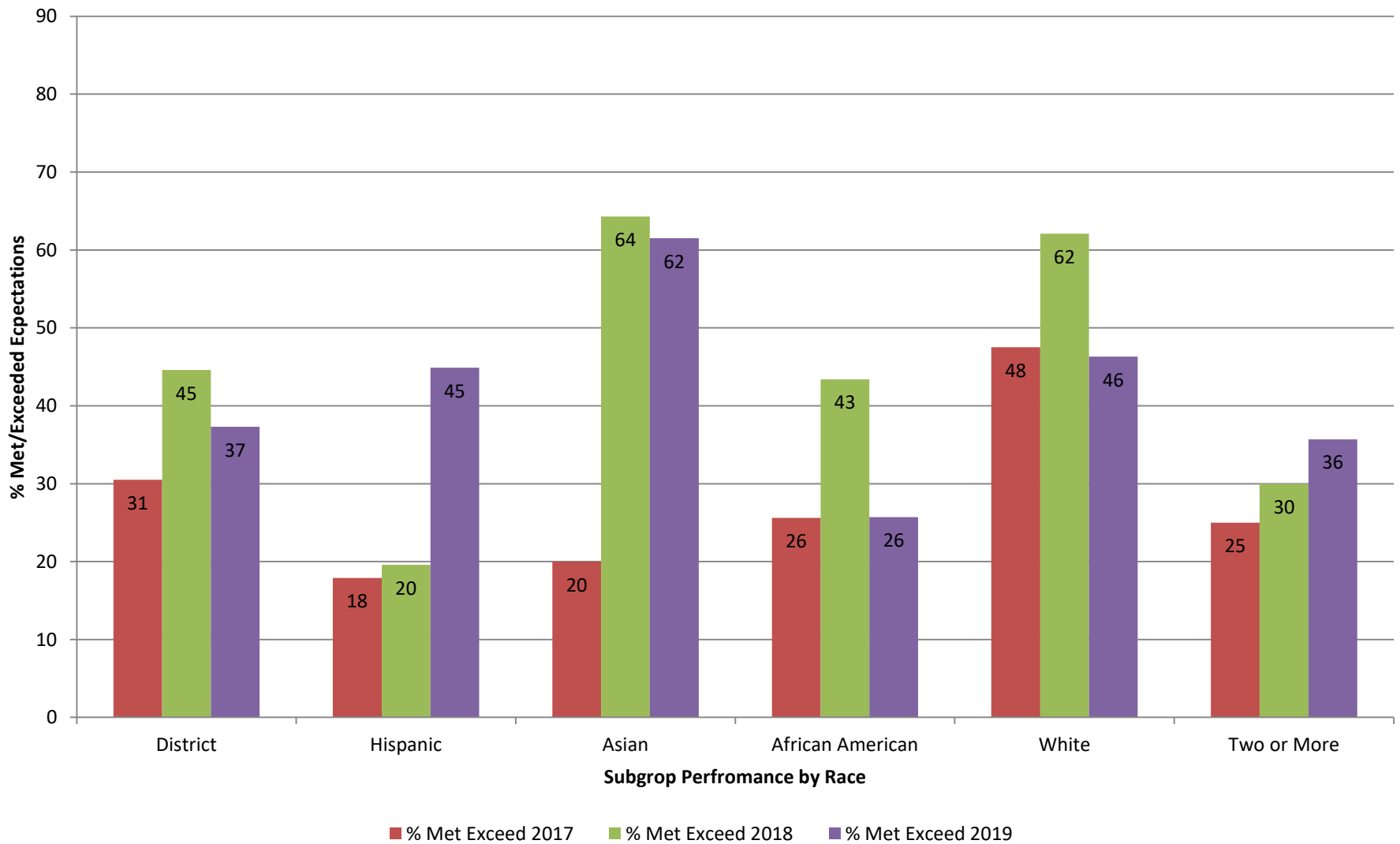


Performance by subgroups (race) Math – NJSLA Spring 2017 - 2019 - Grade 5

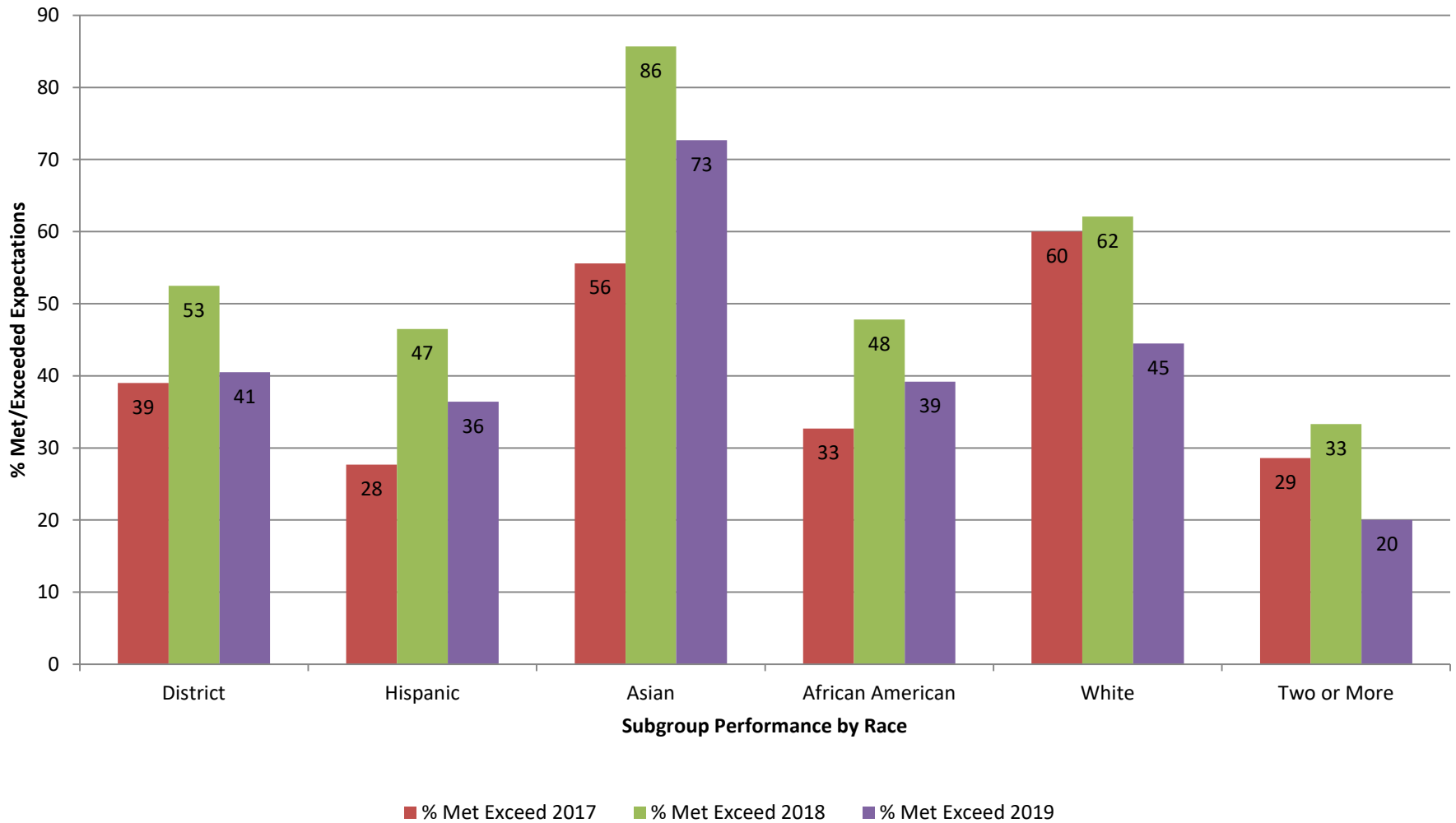


Spring 2017 - 2019 NJSLA Performance by Subgroup Middle School ELA

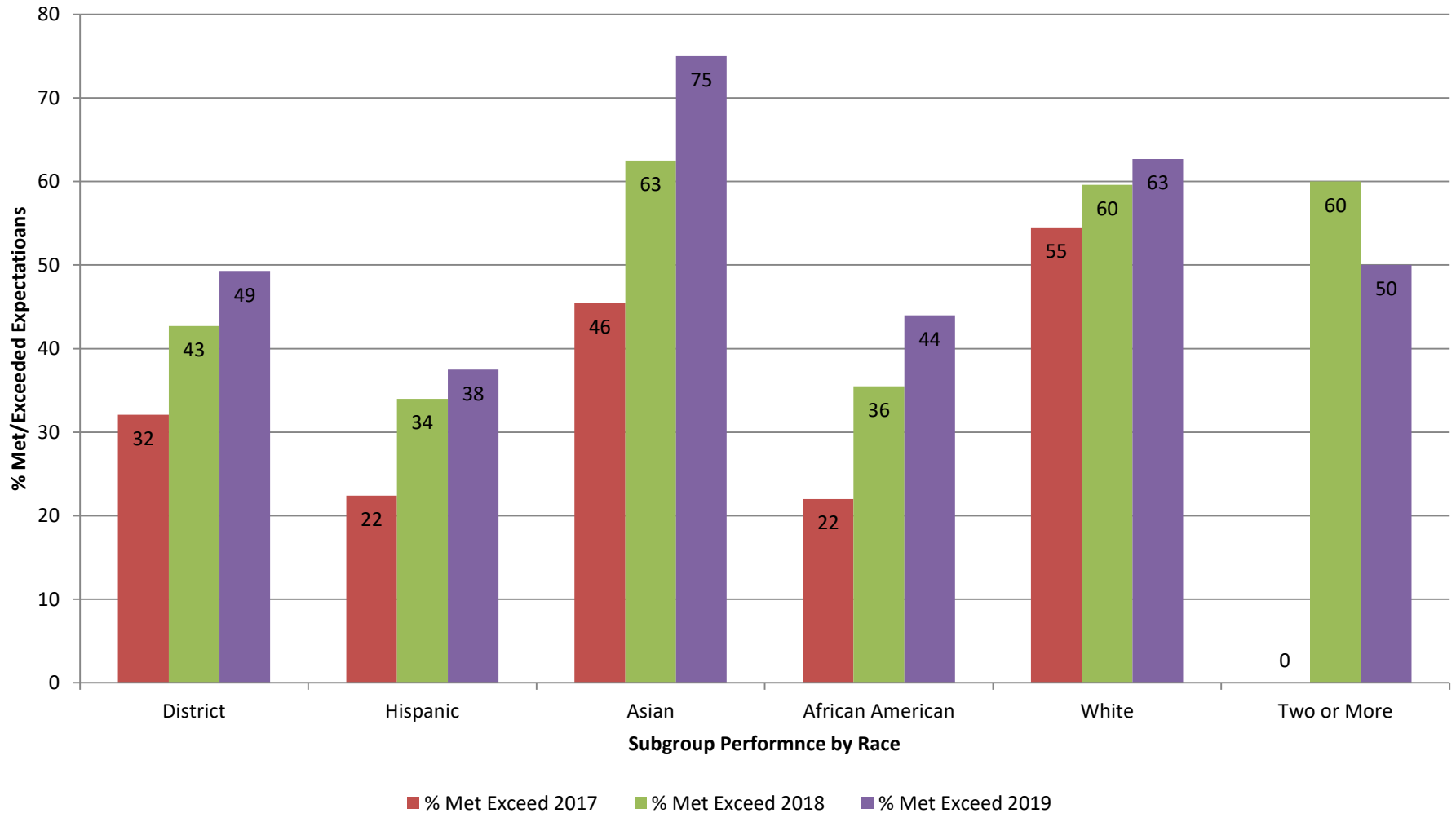
Performance by subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 6



Performance by Subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 7

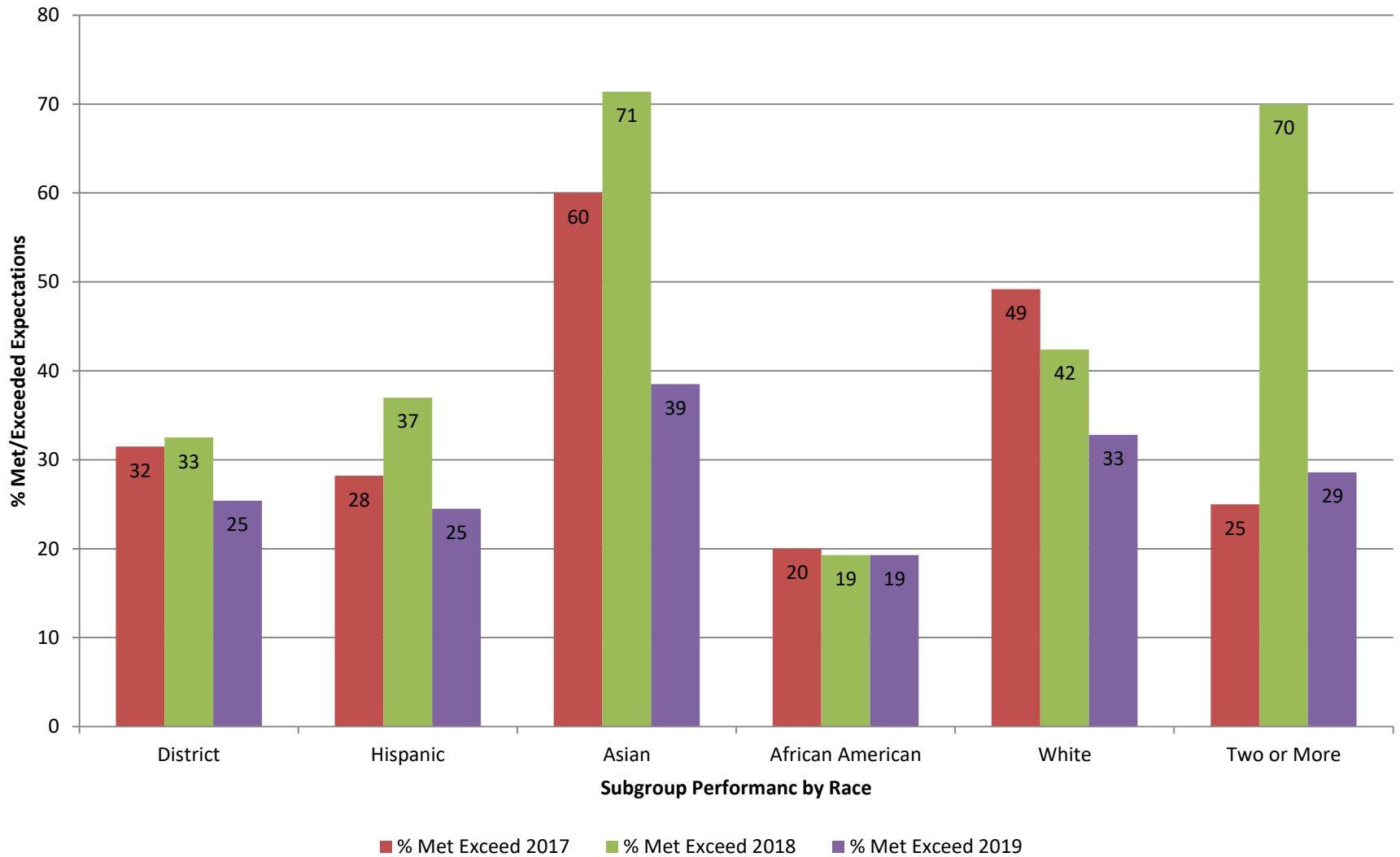


Performance by Subgroups (race) ELA - NJSLA Spring 2017 - 2019 - Grade 8

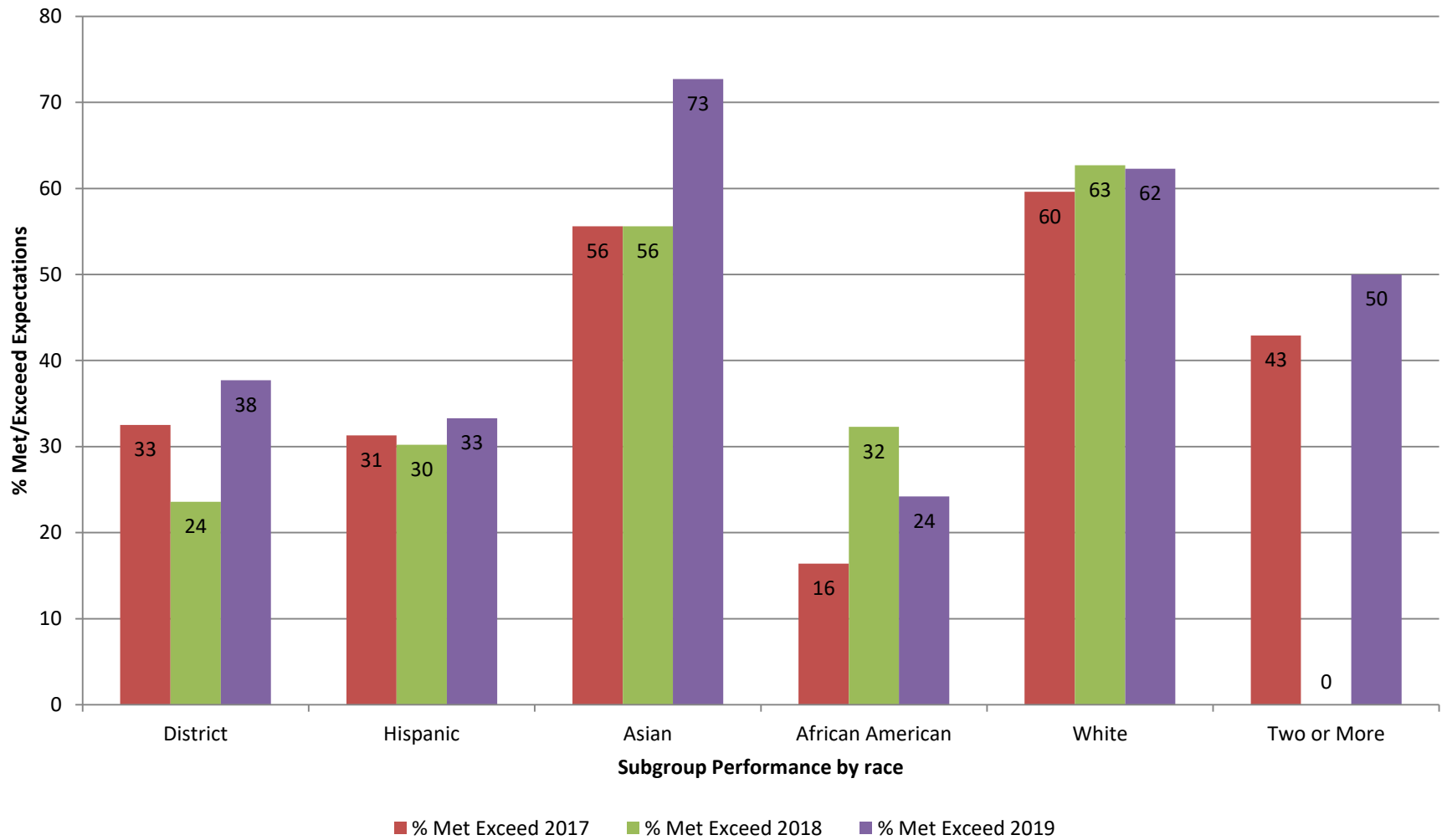


Spring 2017 - 2019 NJSLA Performance by Subgroup Middle School Math

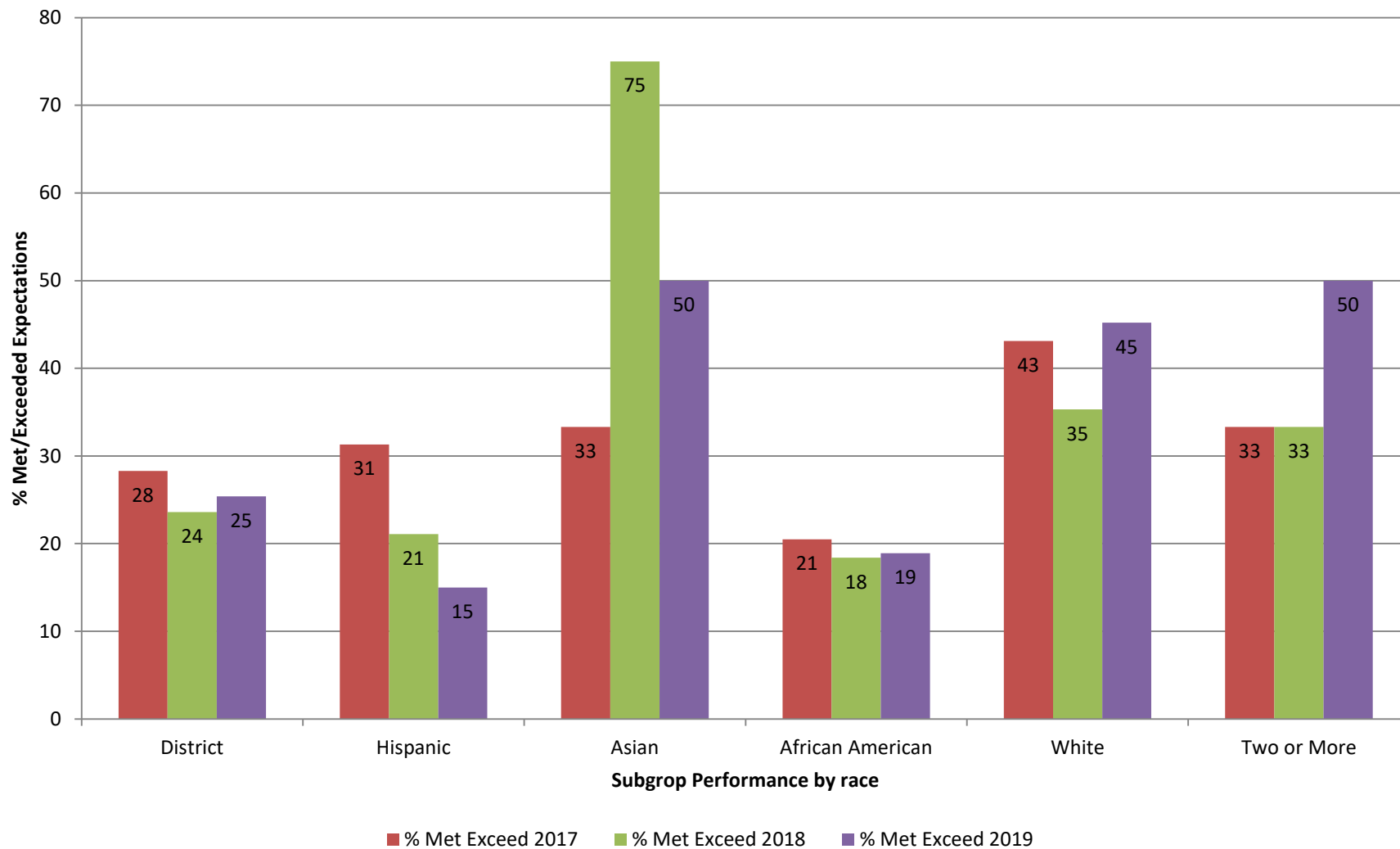
Performance by Subgroups (race) Math - NJSLA Spring 2017 - 2019 – Grade 6



Performance by Subgroups (race) Math – NJSLA Spring 2017 - 2019 - Grade 7

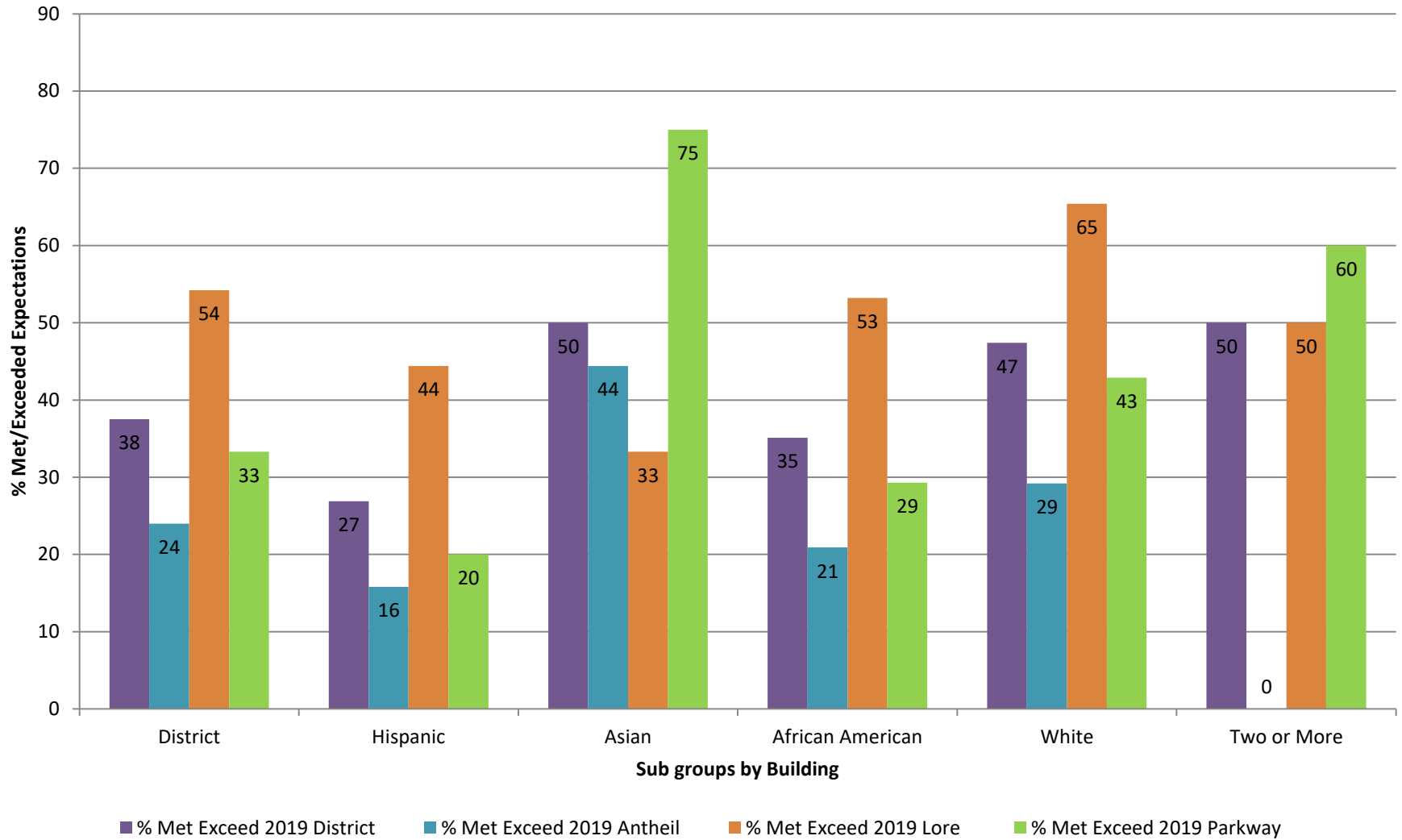


Performance by Subgroups by (race) Math – NJSLA Spring 2017 - 2019 - Grade 8

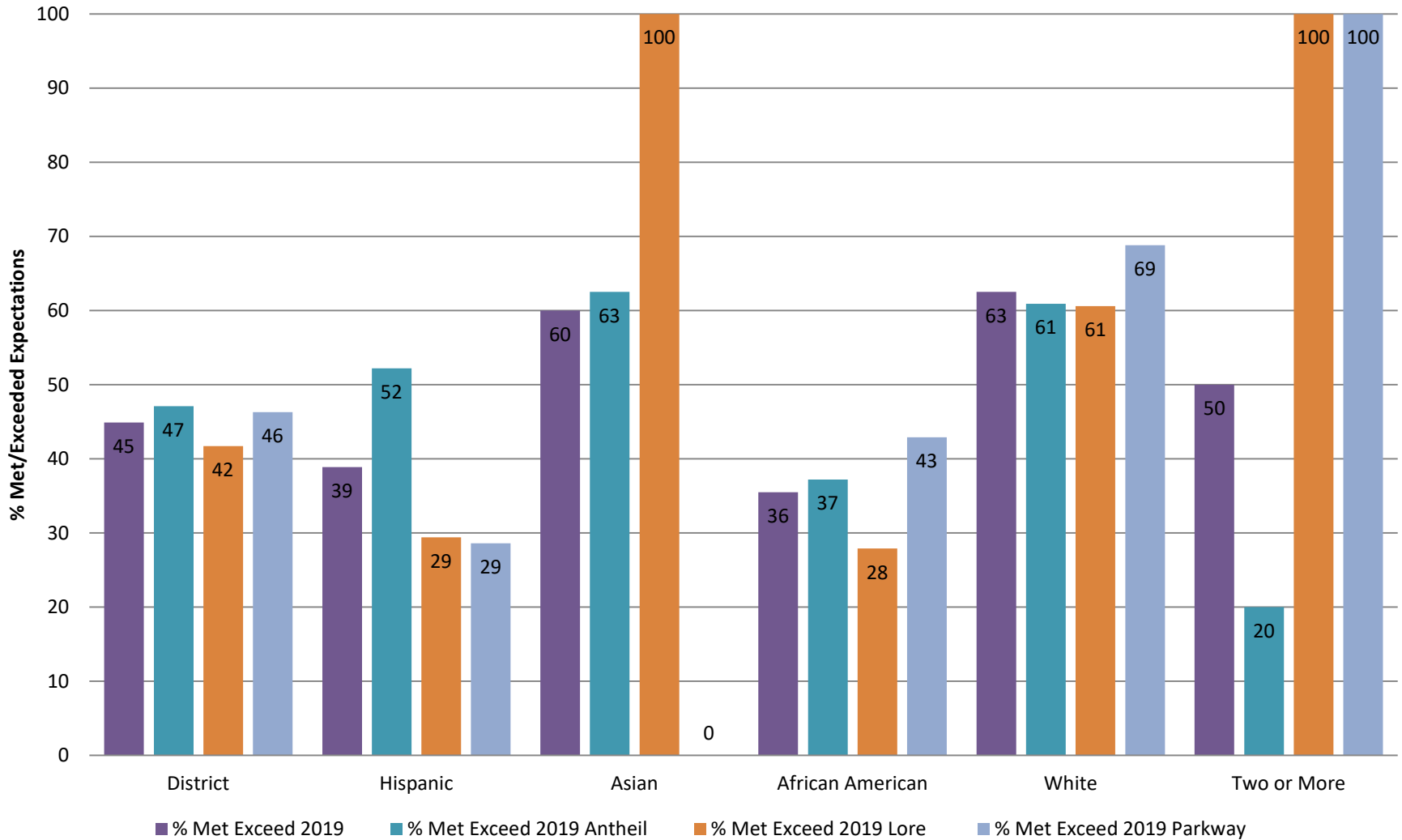


2018-2019 NJSLA - ELA
Performance by Subgroup
Grade level - Elementary Schools

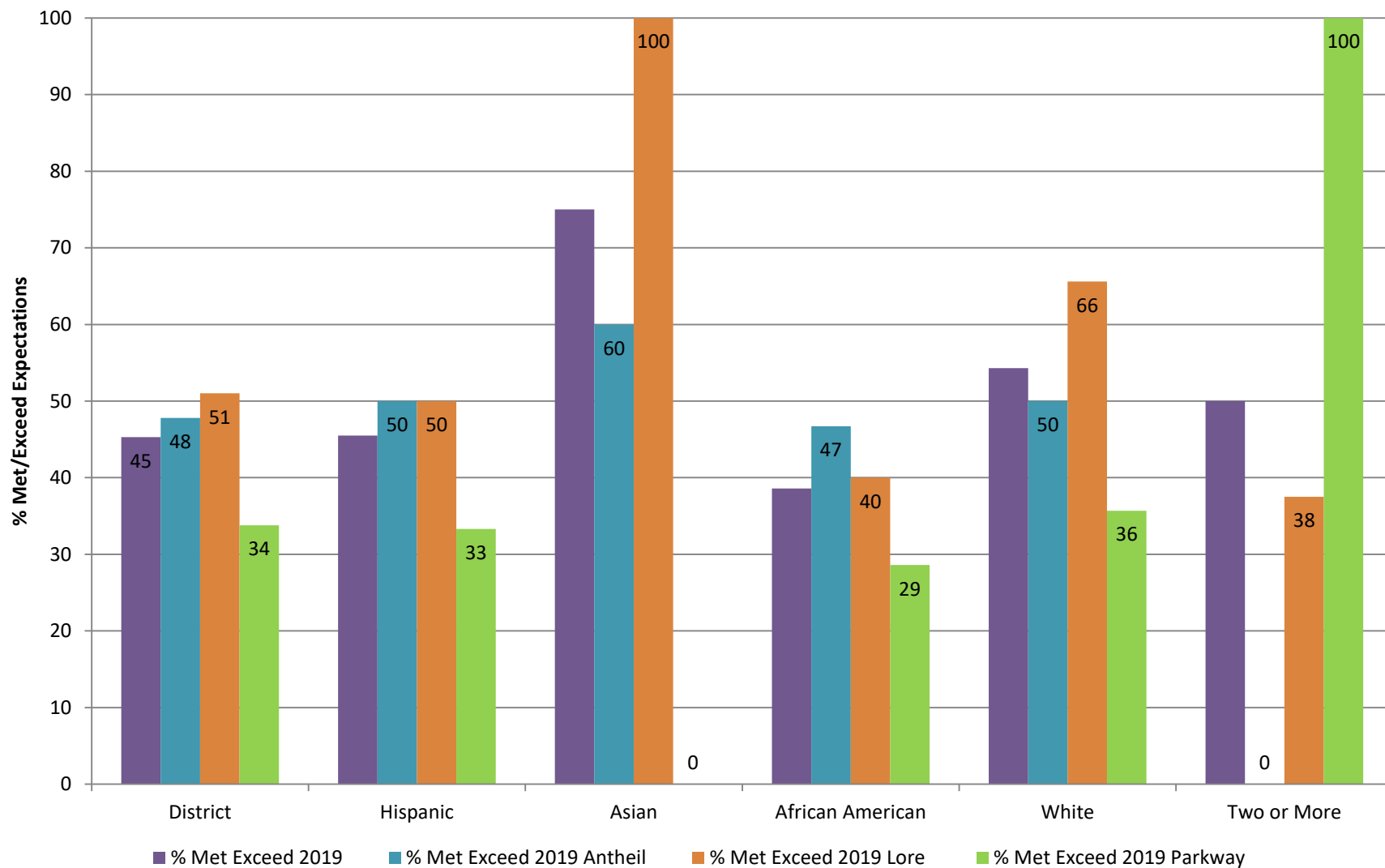
Spring 2019 - Grade 3 Sub group comparison



Spring 2019 - Grade 4 Sub group comparison

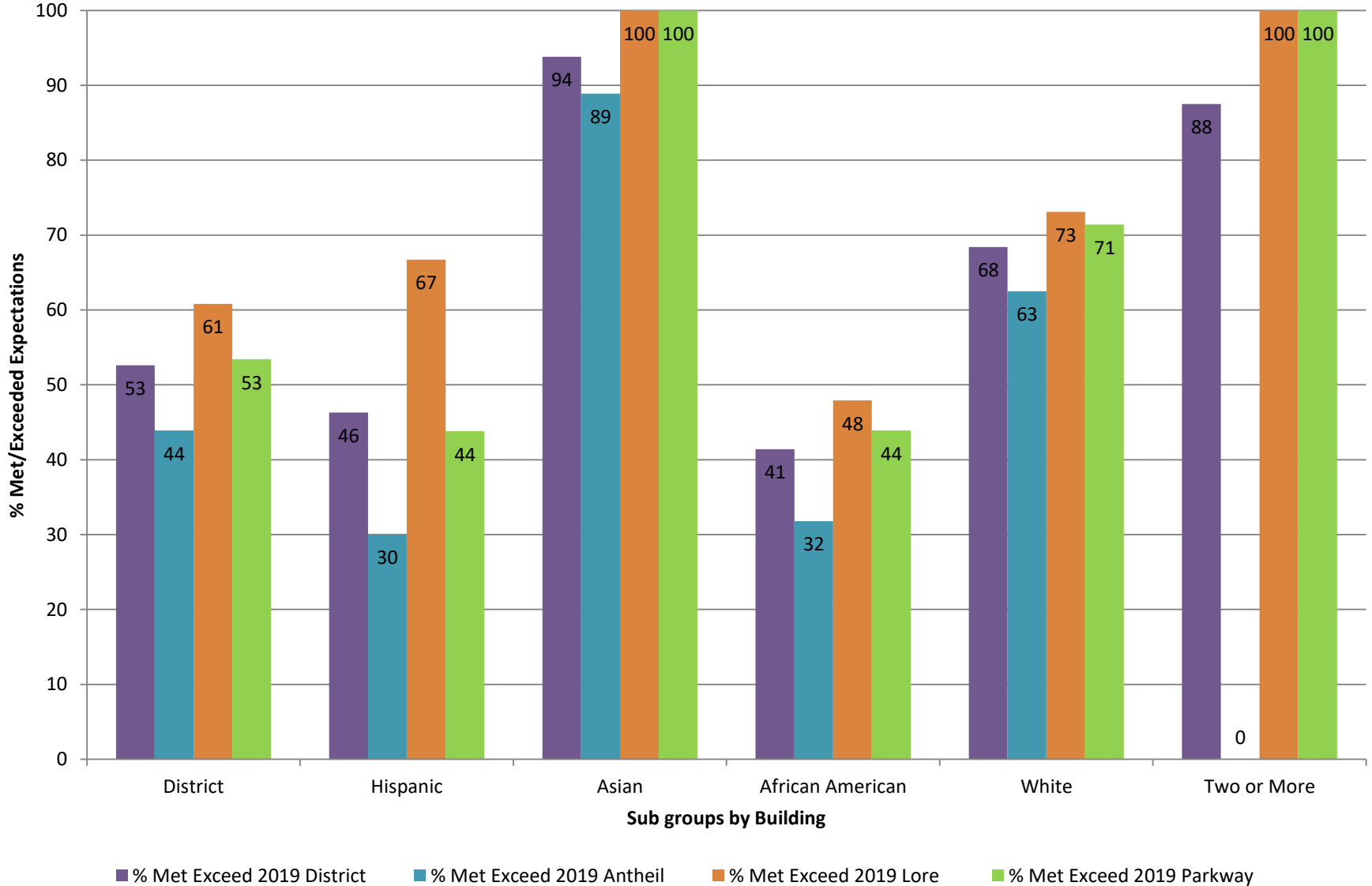


Spring 2019 - Grade 5 Sub group comparison

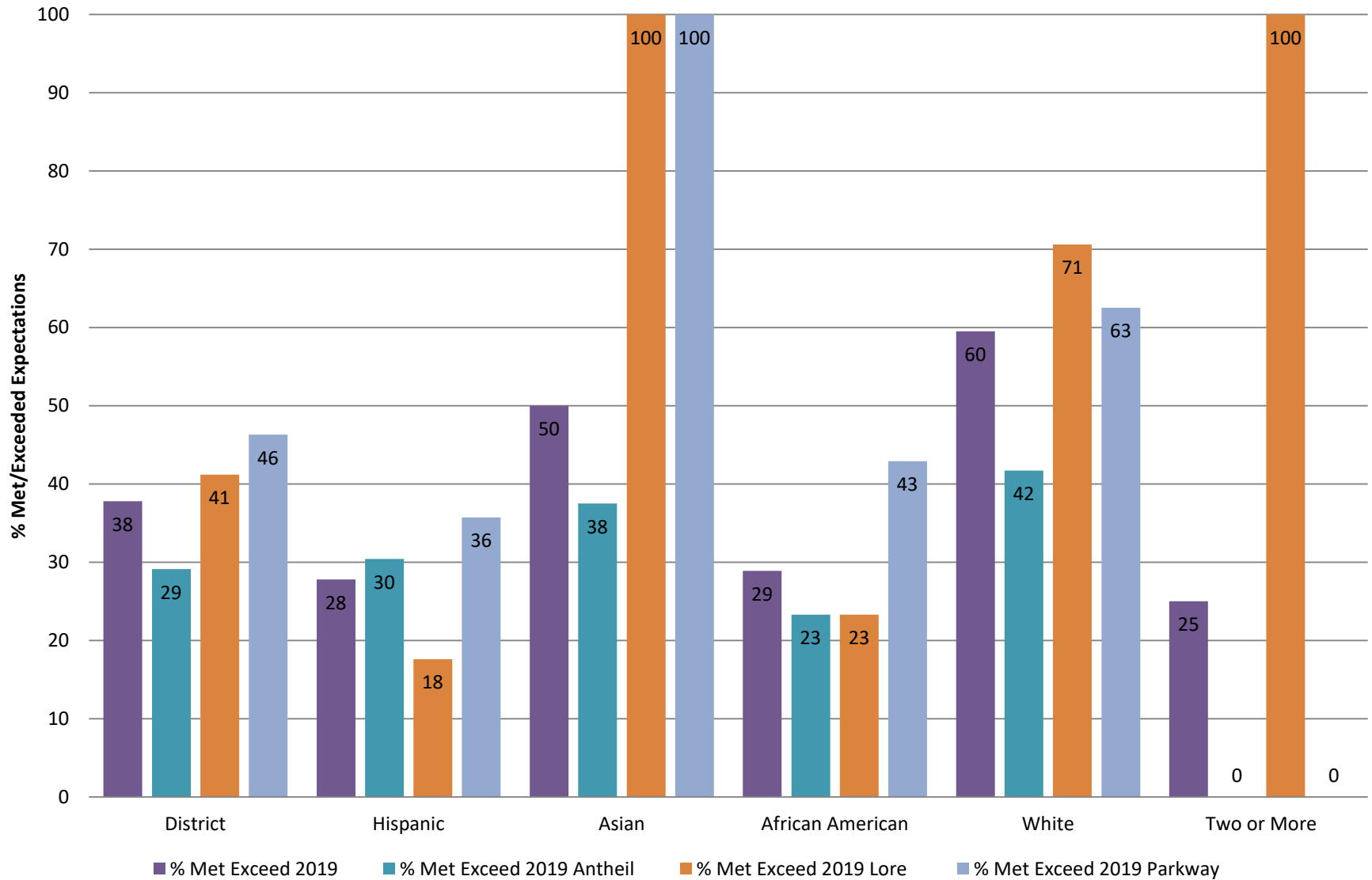


**2018-2019 NJSLA - Math
Performance by Subgroup
Grade level - Elementary Schools**

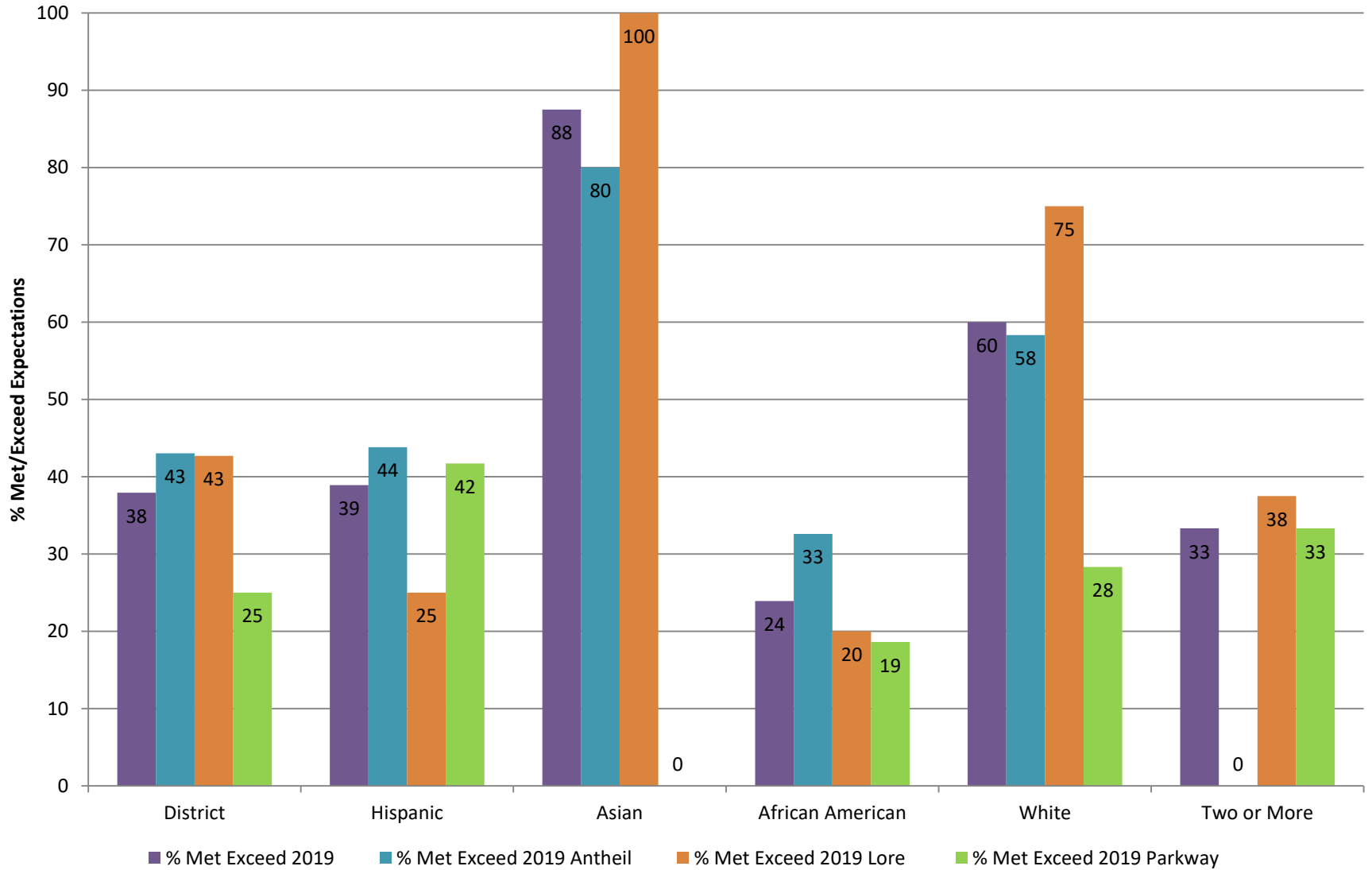
Spring 2019 - Grade 3 Sub group comparison



Spring 2019 - Grade 4 Sub group comparison

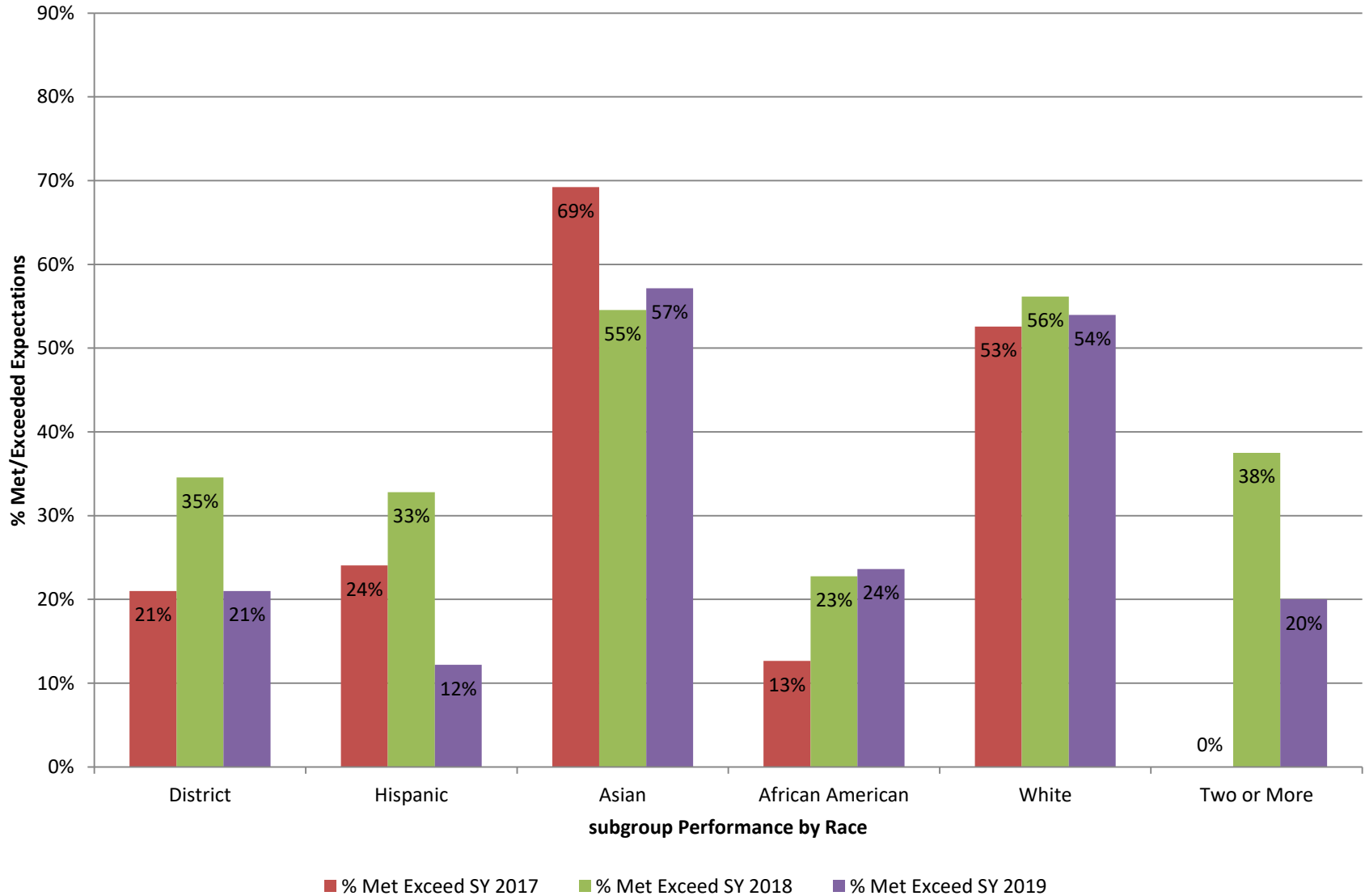


Spring 2019 - Grade 5 Sub group comparison

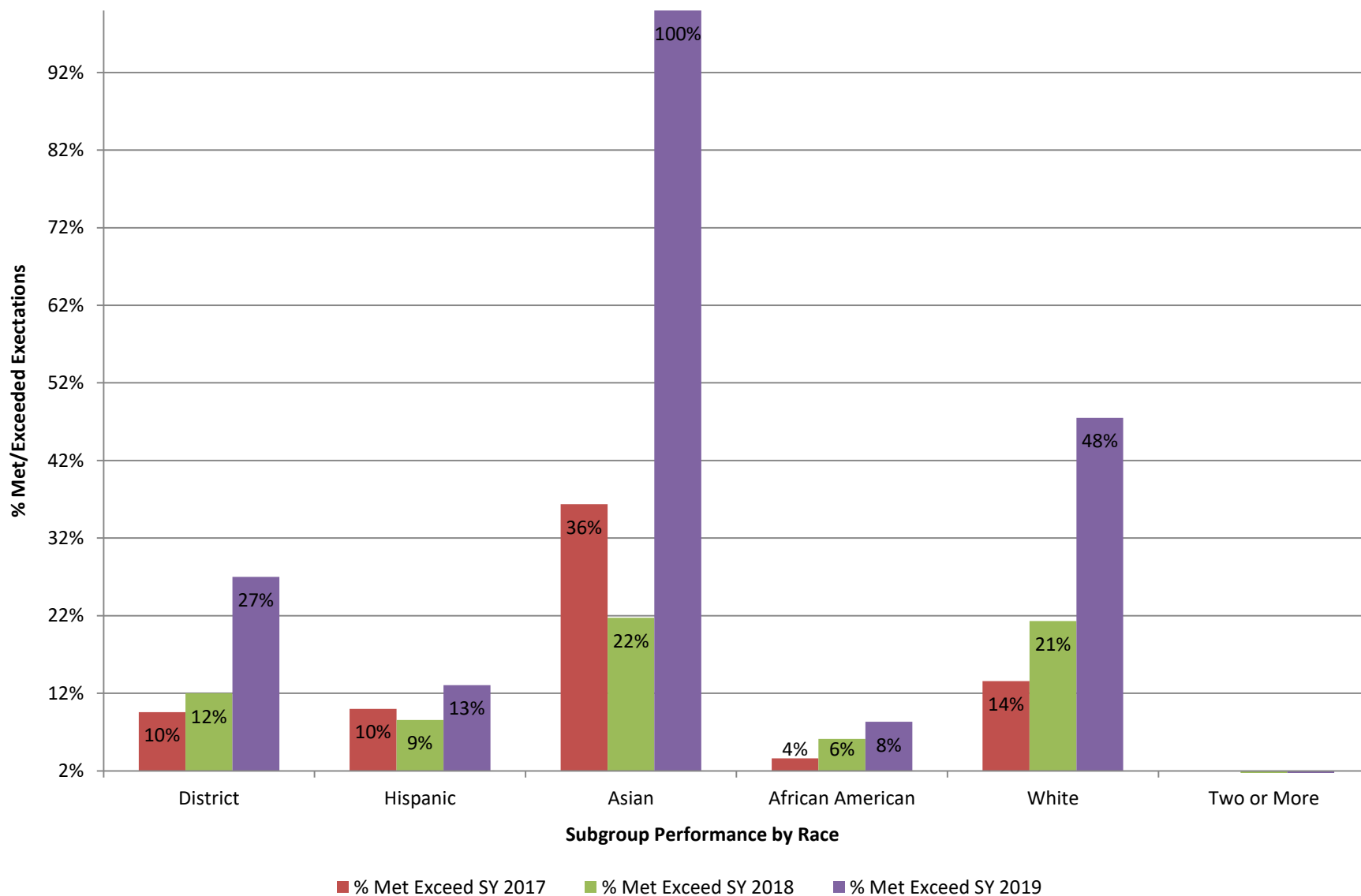


**Spring 2017 - 2019 NJSLA - Math
Performance by Subgroup
High School**

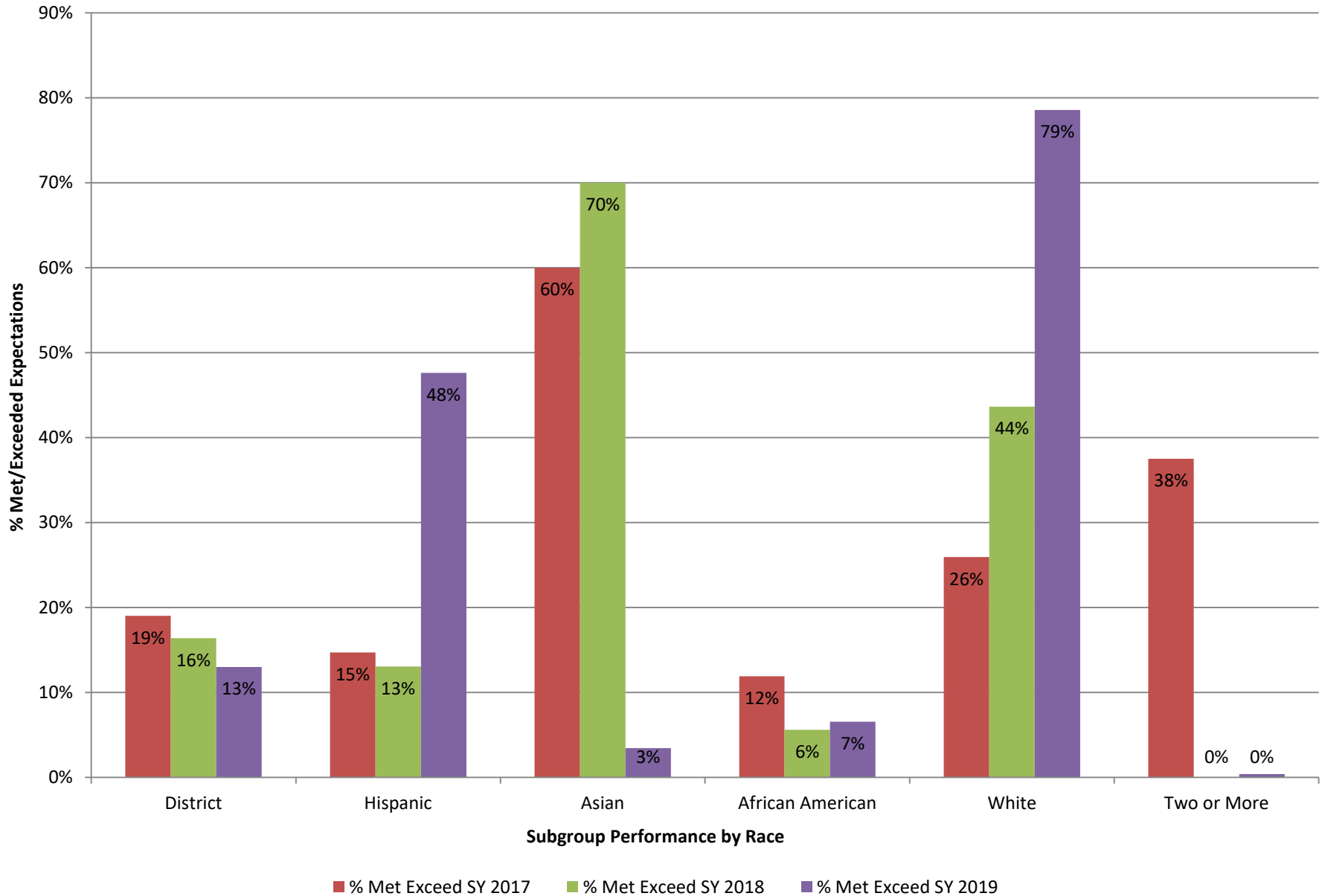
Performance by subgroups (race) Math - Algebra I



Performance by subgroups (race) Math - Algebra II

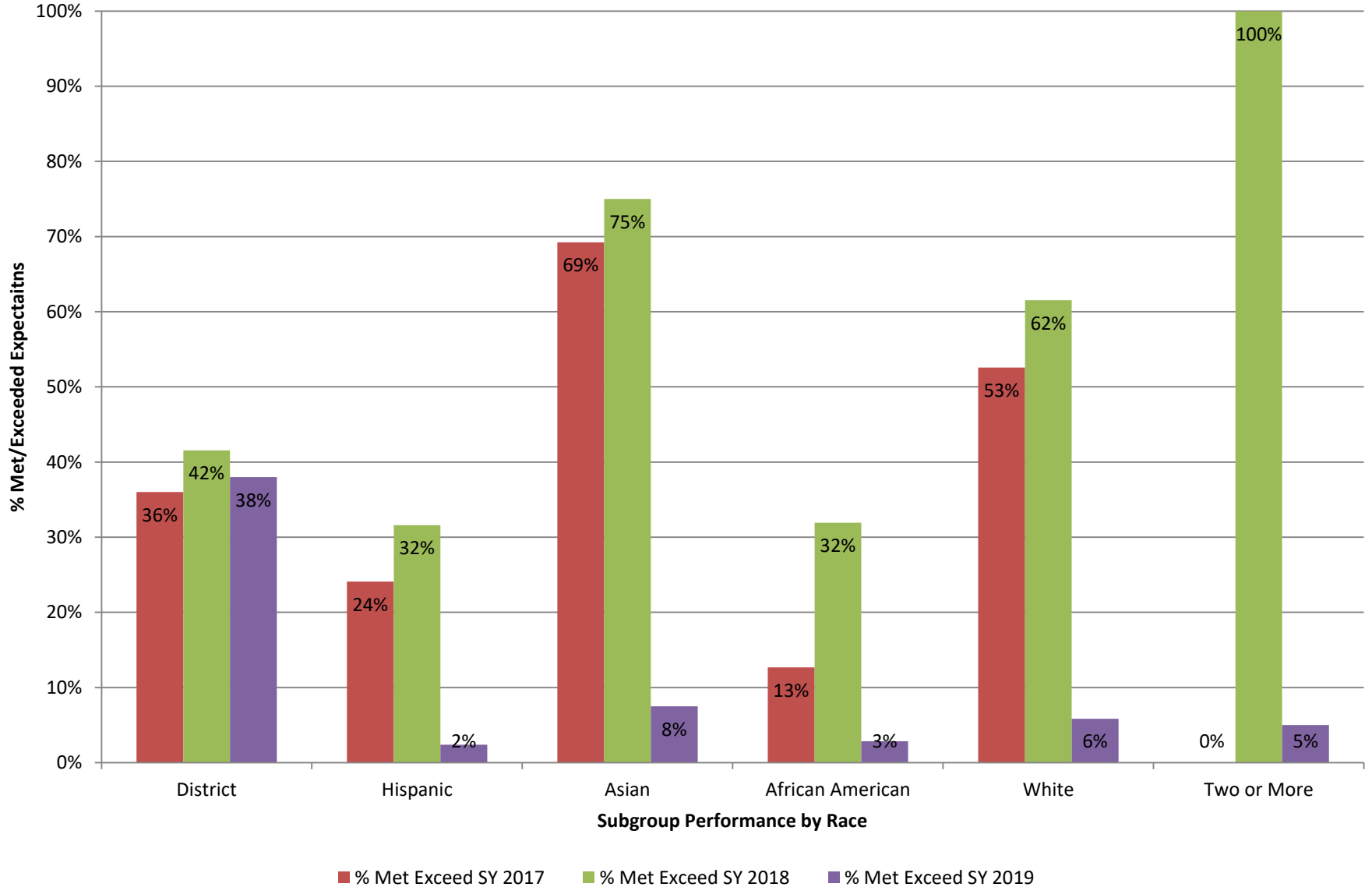


Performance by subgroups (race) Math - Geometry

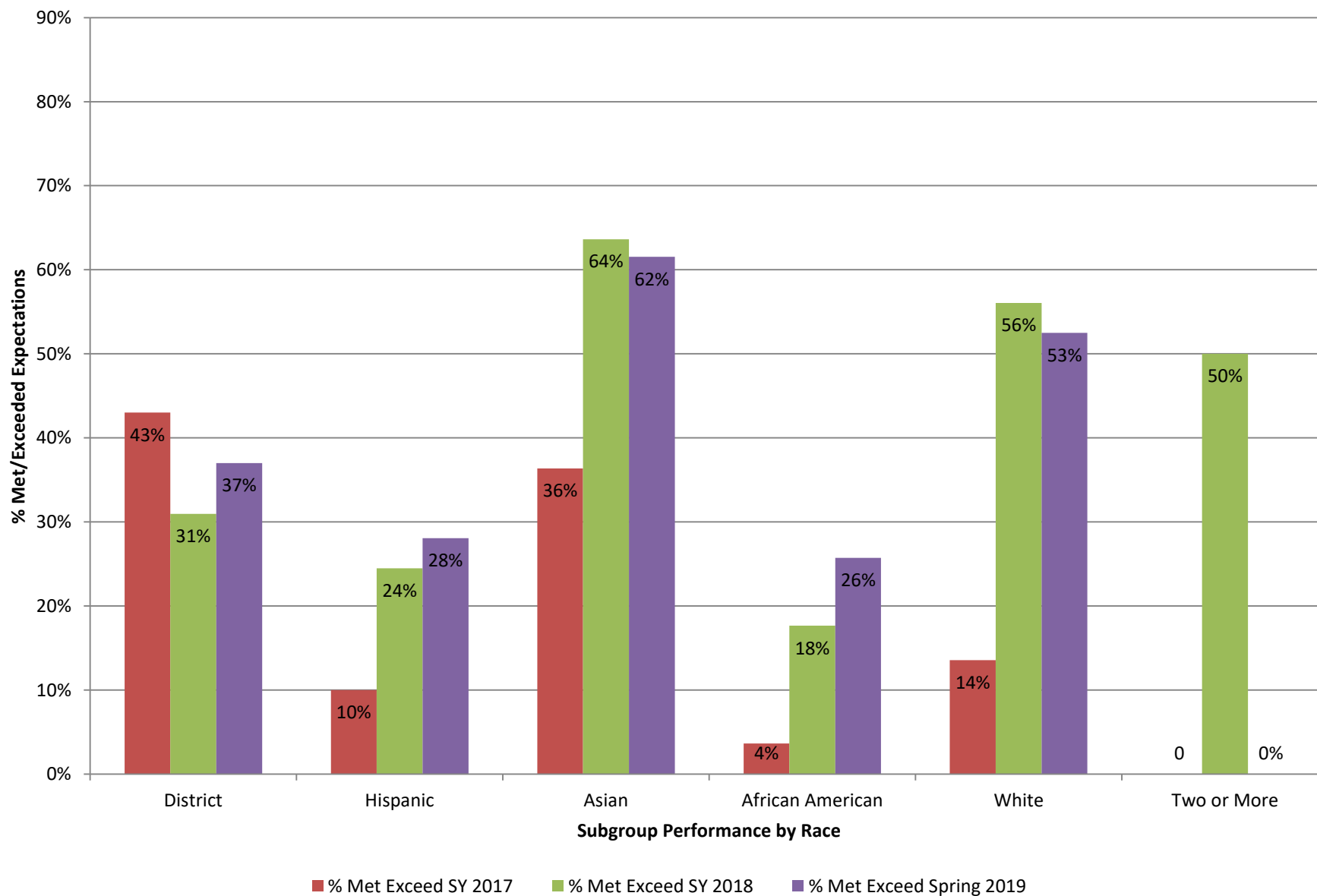


**Spring 2017 - 2019 NJSLA - English
Performance by Subgroup
High School**

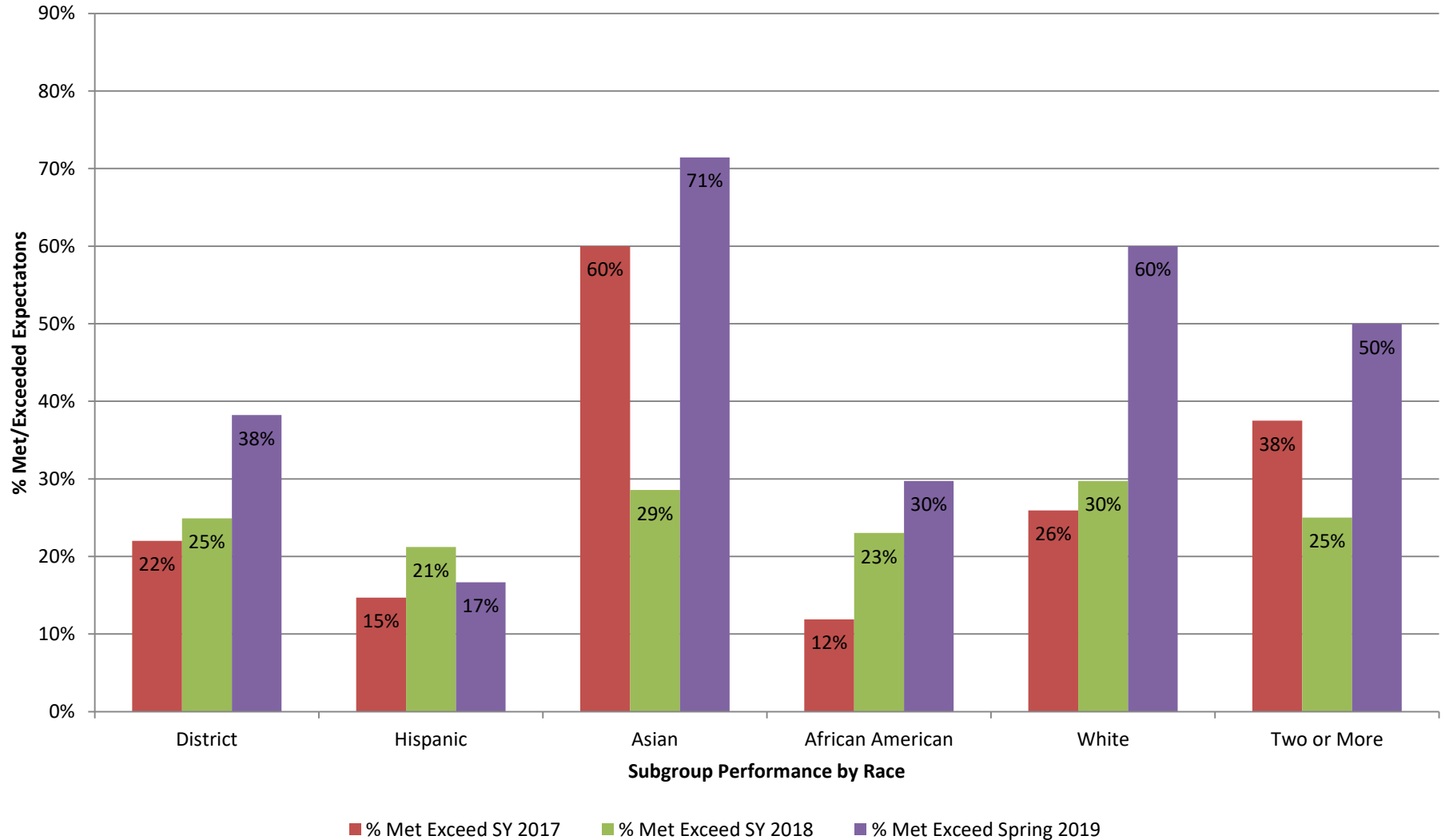
Performance by subgroups (race) English - 9



Performance by subgroups (race) English - 10



Performance by subgroups (race) English - 11



2018-2019 High School Math Performance

Performance Distribution by Student %						
Algebra I	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	8%	4%	20%	64%	4%	68%
Spring 2019	13%	47%	26%	15%	0%	15%
SY 2019	12%	42%	25%	21%	0%	21%

Performance Distribution by Student % (4+5)						
Geometry	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	2%	22%	33%	41%	2%	43%
Spring 2019	22%	41%	30%	6%	1%	7%
SY 2019	19%	38%	31%	12%	1%	13%

Performance Distribution by Student % (4+5)						
Algebra II	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	48%	22%	15%	15%	0%	15%
Spring 2019	29%	17%	19%	33%	1%	34%
SY 2019	37%	19%	17%	26%	1%	27%

2018-2019 High School English Performance

Performance Distribution by Student % (4+5)						
English 9	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	8%	5%	33%	41%	14%	54%
Spring 2019	18%	22%	33%	26%	1%	27%
SY 2019	14%	15%	33%	32%	6%	38%

Performance Distribution by Student % (4+5)						
English 10	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	9%	26%	23%	32%	11%	43%
Spring 2019	26%	19%	22%	23%	10%	33%
SY 2019	19%	22%	22%	26%	11%	37%

Performance Distribution by Student % (4+5)						
English 11	Level 1	Level 2	Level 3	Level 4	Level 5	Total 4+5
Fall 2018	13%	20%	24%	30%	14%	44%
Spring 2019	29%	29%	20%	23%	0%	23%
SY 2019	17%	22%	23%	28%	10%	38%

District Overview by Building



Areas of Encouragement

- Grades (4-5) in ELA meets/exceeded the percentage of students achieving a Level 4/5
- Grade 5 in Math meets/exceeded the percentage of students achieving a Level 4/5 at the district level
- Grade 4-5 met/exceeded expectations in Written Expression and Conventions



Focus Area

- Grades 3 Literacy (Reading, Information text, Vocabulary and Writing expression)
- Grade 4- Literacy (Reading, Information text and Vocabulary)
- Grade 3 Math (Reasoning)
- Grade 5 Math



Areas of Encouragement

- Grade 3 ELA exceeded the district and state percentage of students achieving Level 4/5
- Grades 3 Math exceeded the district and state percentage of students achieving Level 4/5
- Grade 5 ELA exceeded the district percentage of students achieving Level 4/5
- Grade 5 Math exceeded the district percentage of students achieving Level 4/5



Focus Areas

- Grade 4 Literacy (Writing)
- Grades 4 Math (Modeling and Reasoning)



Parkway Elementary School

Area of Encouragement

- Grade 3-4 Math exceeded the district percentage of students achieving Level 4/5

Focus Areas

- Grades 3-4 Literacy (Information text and Writing expression)
- Grade 5 (Modeling and application)





Areas of Encouragement

- 95% of students enrolled in the eighth (8th) grade Algebra I class achieved a 4/5 on the Algebra I assessment
- Grade 7 ELA demonstrated significant growth in students achieving Level 4/5
- Grade 7 Math demonstrated growth in students achieving Level 4/5

Focus Areas

- Grades 6 & 8 Math
(Modeling and application)
- Grades 6 & 8 Literacy
(Information text and Writing expression)





Area of Encouragement

Focus Areas

- Increase % of students achieving Level 4/5 in Algebra II and Algebra II (specifically – Written expression and conventions)
- Increase % of students achieving Level 4/5 in English 10 and English 11

- English II (Information text, Vocabulary and Writing expression)
- Geometry





5 Year - SAT Data

School Year	School Mean Reading SAT	School Mean Math SAT
2013-2014	471	458
2014-2015	460	450
2015-2016	560	505
2016-2017	534	513
2017-2018	507	488



Next Steps: 2019-20

District Focus includes:

- Continue professional development focused on the New Jersey Student Learning Standards (NJSLS) in English Language Arts and Mathematics
- Continue to refine classroom assessments NJSLS in English Language Arts and Mathematics to reflect both NJSLS and PARCC Evidence Statements.
- Refine common benchmark assessments, data analysis processes and using data to meet student needs in all content areas
- Extend the Grade 6-8 Literacy Coach to grades 4-5



Next Steps: 2019-20

Building Level Focus includes:

- Monitor implementing with fidelity new instructional material in English 6-8, Math 6-8, Geometry and Algebra II.
- Continue to refine common assessments for Algebra I, Geometry and Algebra II
- Monitor implementing with fidelity the writing instructional materials at the middle school



Questions?

