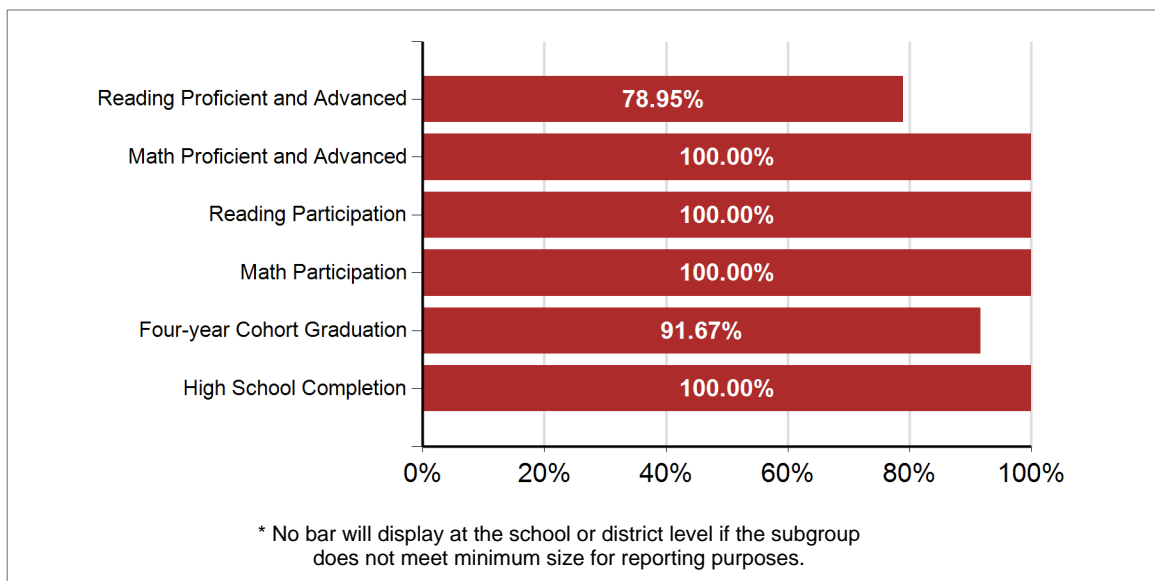


Centerville 60-1 | Centerville HS - 01

School Classification: Status

Title I Designation: Non Title I

Performance Indicators



School Performance Index

<b>SPI Total Points</b>	
<div></div>	<b>88.49%</b>
88.49 out of possible 100.00 points	
<b>College and Career Readiness</b>	
<div></div>	<b>79.17%</b>
19.79 out of possible 25.00 points	
<b>High School Completion</b>	
<div></div>	<b>95.84%</b>
23.96 out of possible 25.00 points	
<b>Student Achievement</b>	
<div></div>	<b>89.48%</b>
44.74 out of possible 50.00 points	

Centerville 60-1 | Centerville HS - 01

Staffing

Core Classes Taught by Highly Qualified Teachers

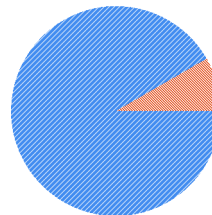
Number of Core Content Classes	29
Percent of Classes taught by Highly Qualified Teachers	100.00%
Percent of Classes not taught by Highly Qualified Teachers	0.00%

It has been determined that South Dakota does not offer an Emergency or Provisional License. This information is therefore not being reported.

Teachers	7.31
Average Years of Experience	11
Percent with Advanced Degrees	8.33%

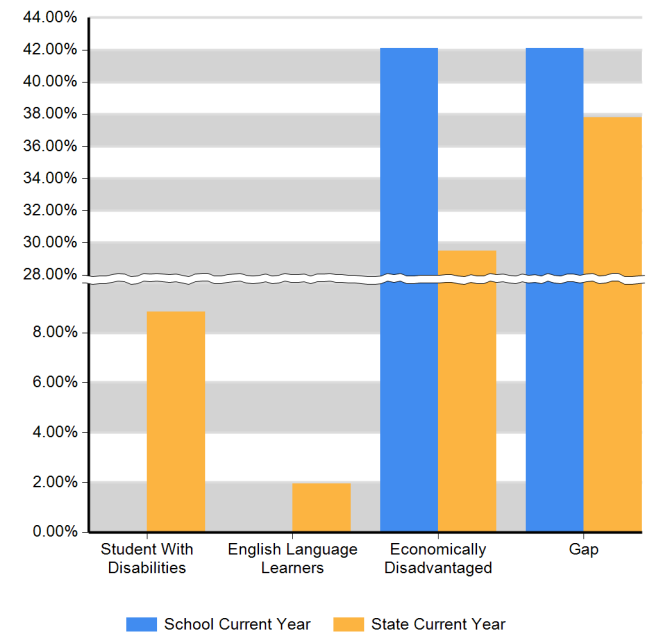
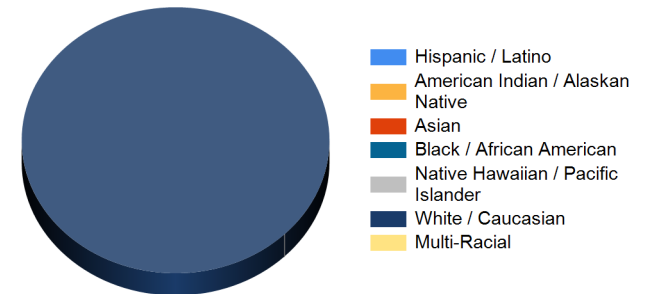
Degrees Earned

- Bachelors
- Doctorate
- Masters
- Specialist



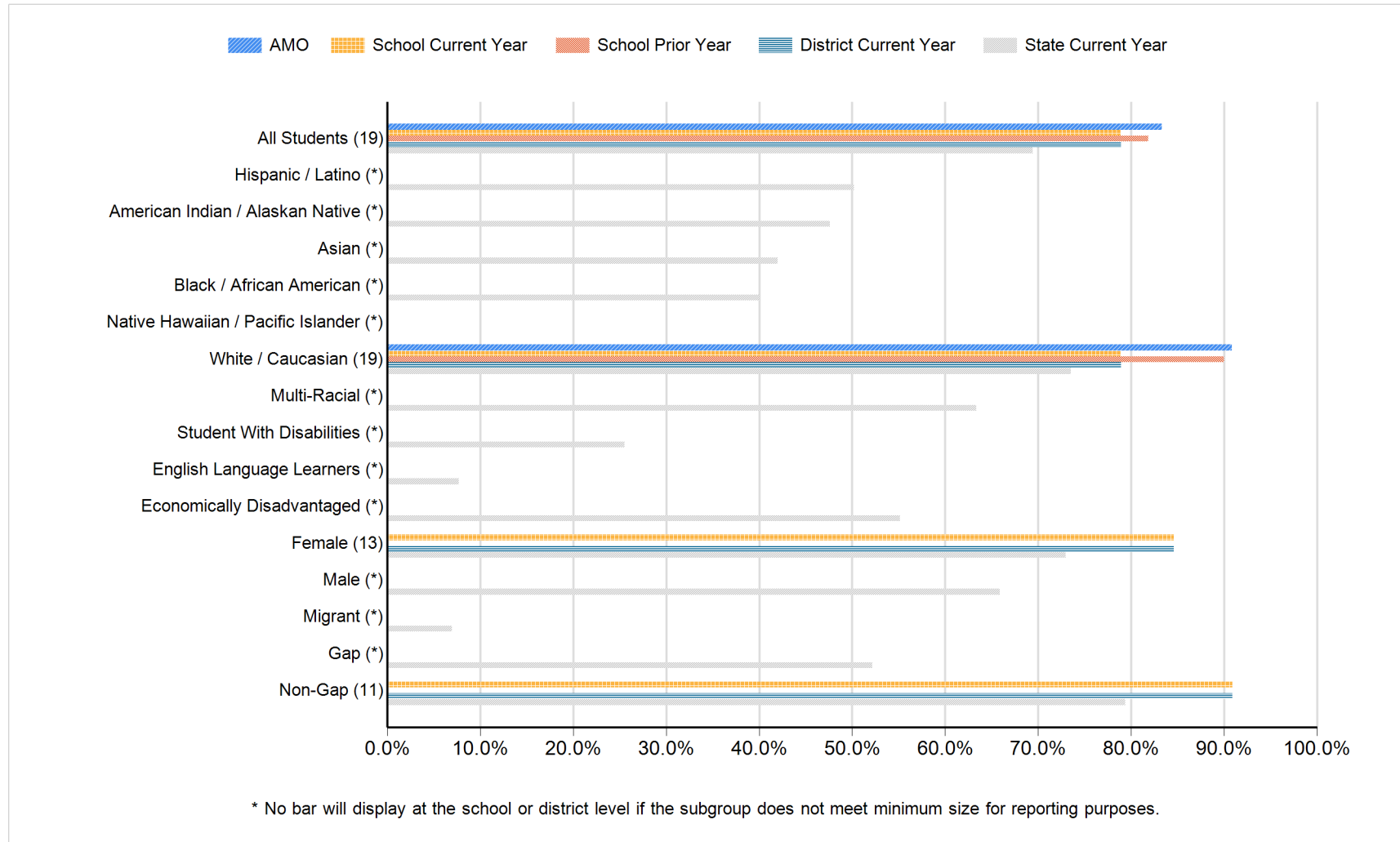
Student Population

Race/Ethnicity  
Percent of Tested Population



Centerville 60-1 | Centerville HS - 01

Student Achievement: Reading Proficient and Advanced Percentage



Centerville 60-1 | Centerville HS - 01

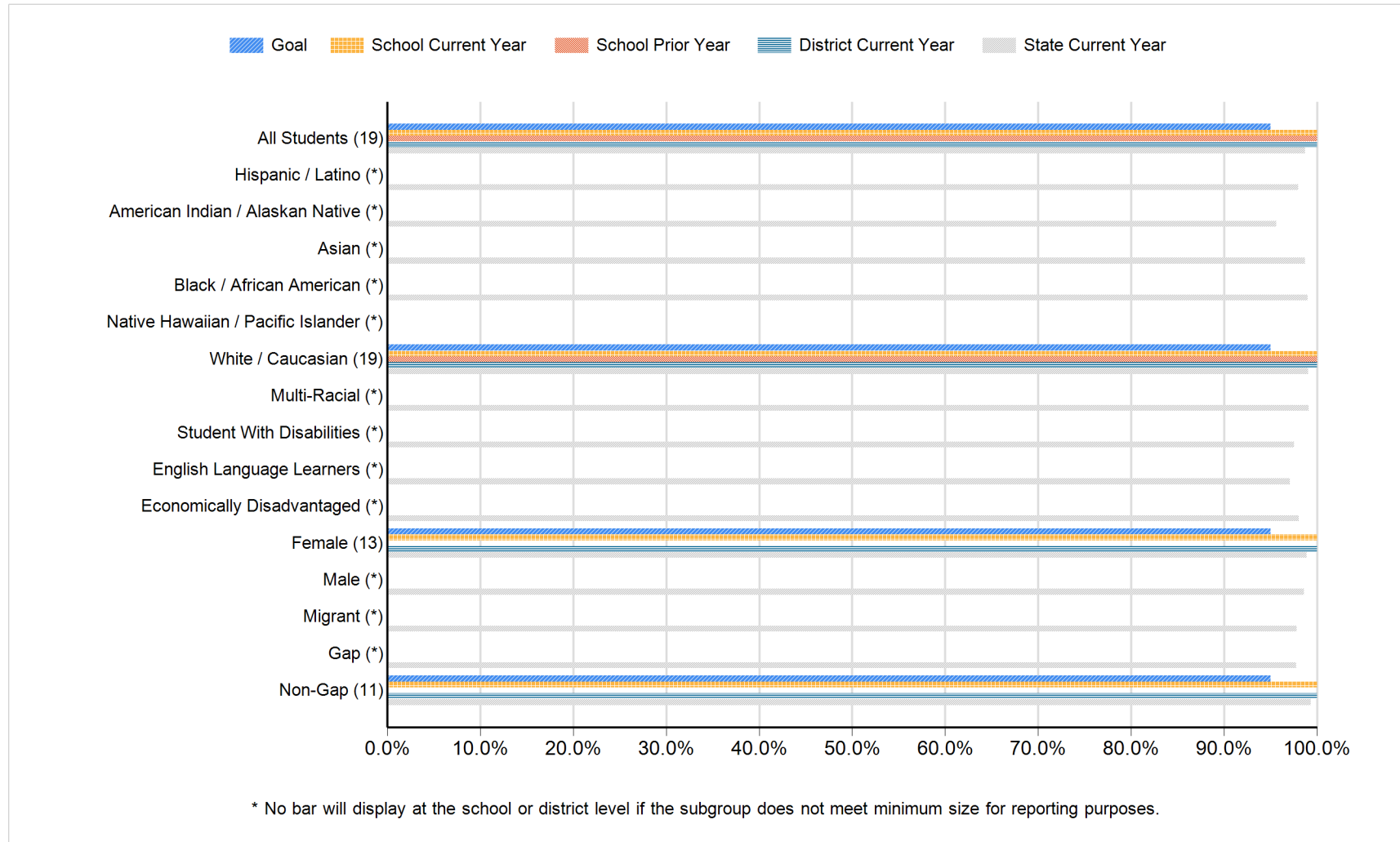
**Student Achievement: Reading Proficient and Advanced Percentage - Data Matrix**

		AMO	School Current Year	School Prior Year	District Current Year	State Current Year
Subgroup	Number of Students	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage
All Students	19	83.34	78.95	81.82	78.95	69.40
Hispanic / Latino	*					50.22
American Indian / Alaskan Native	*					47.64
Asian	*					42.00
Black / African American	*					40.00
Native Hawaiian / Pacific Islander	*					
White / Caucasian	19	90.83	78.95	90.00	78.95	73.52
Multi-Racial	*					63.37
Student With Disabilities	*					25.52
English Language Learners	*					7.69
Economically Disadvantaged	*					55.14
Female	13		84.62		84.62	72.99
Male	*					65.86
Migrant	*					6.98
Gap	*					52.18
Non-Gap	11		90.91		90.91	79.36

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

Student Achievement: Reading Participation Percentage



Centerville 60-1 | Centerville HS - 01

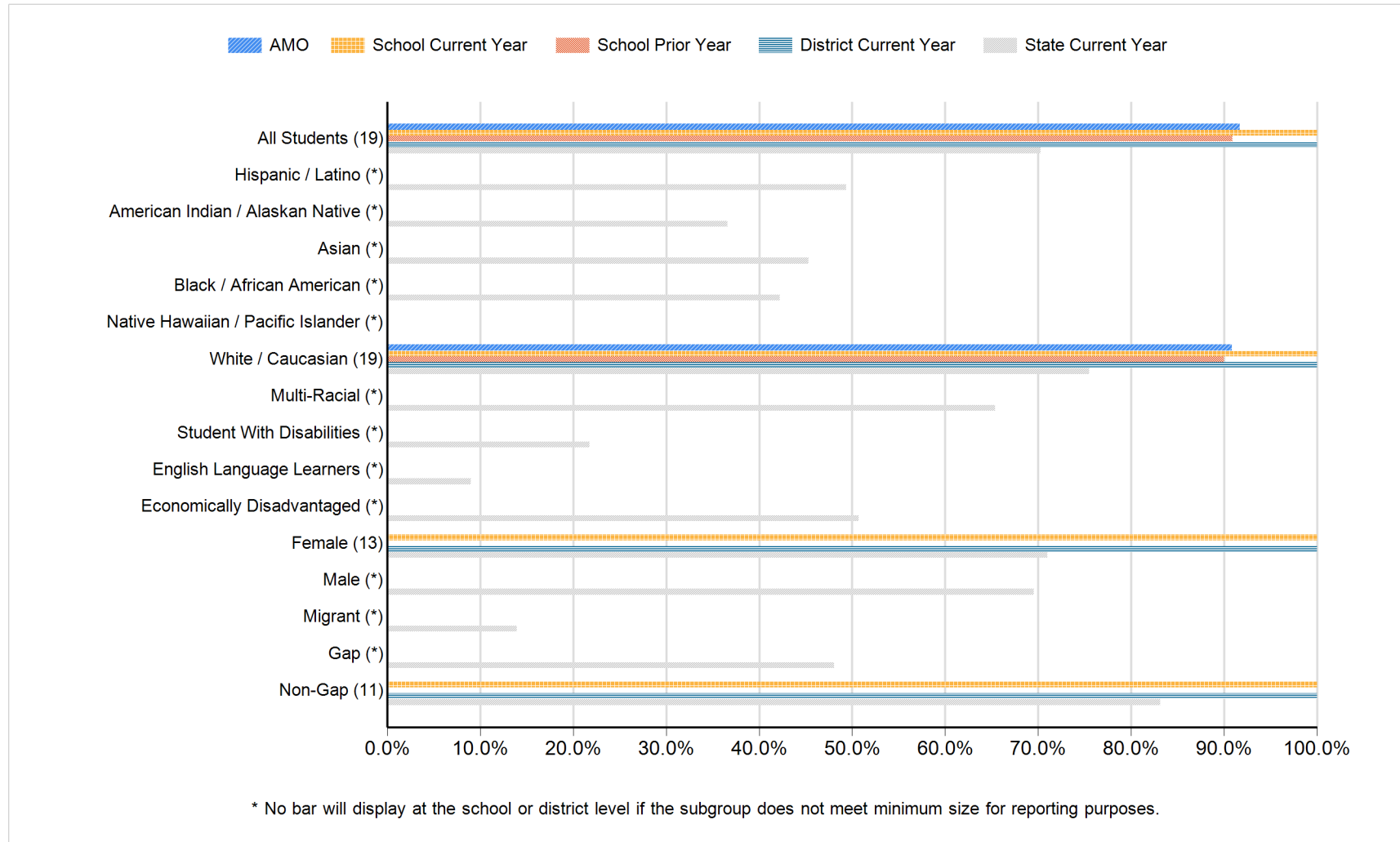
Student Achievement: Reading Participation Percentage - Data Matrix

		Goal	School Current Year	School Prior Year	District Current Year	State Current Year
Subgroup	Number of Students	Participation Percentage	Participation Percentage	Participation Percentage	Participation Percentage	Participation Percentage
All Students	19	95.00	100.00	100.00	100.00	98.73
Hispanic / Latino	*					97.99
American Indian / Alaskan Native	*					95.61
Asian	*					98.71
Black / African American	*					98.99
Native Hawaiian / Pacific Islander	*					
White / Caucasian	19	95.00	100.00	100.00	100.00	99.07
Multi-Racial	*					99.09
Student With Disabilities	*					97.54
English Language Learners	*					97.08
Economically Disadvantaged	*					98.06
Female	13	95.00	100.00		100.00	98.87
Male	*					98.59
Migrant	*					97.83
Gap	*					97.76
Non-Gap	11	95.00	100.00		100.00	99.32

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

Student Achievement: Math Proficient and Advanced Percentage



Centerville 60-1 | Centerville HS - 01

**Student Achievement: Math Proficient and Advanced Percentage - Data Matrix**

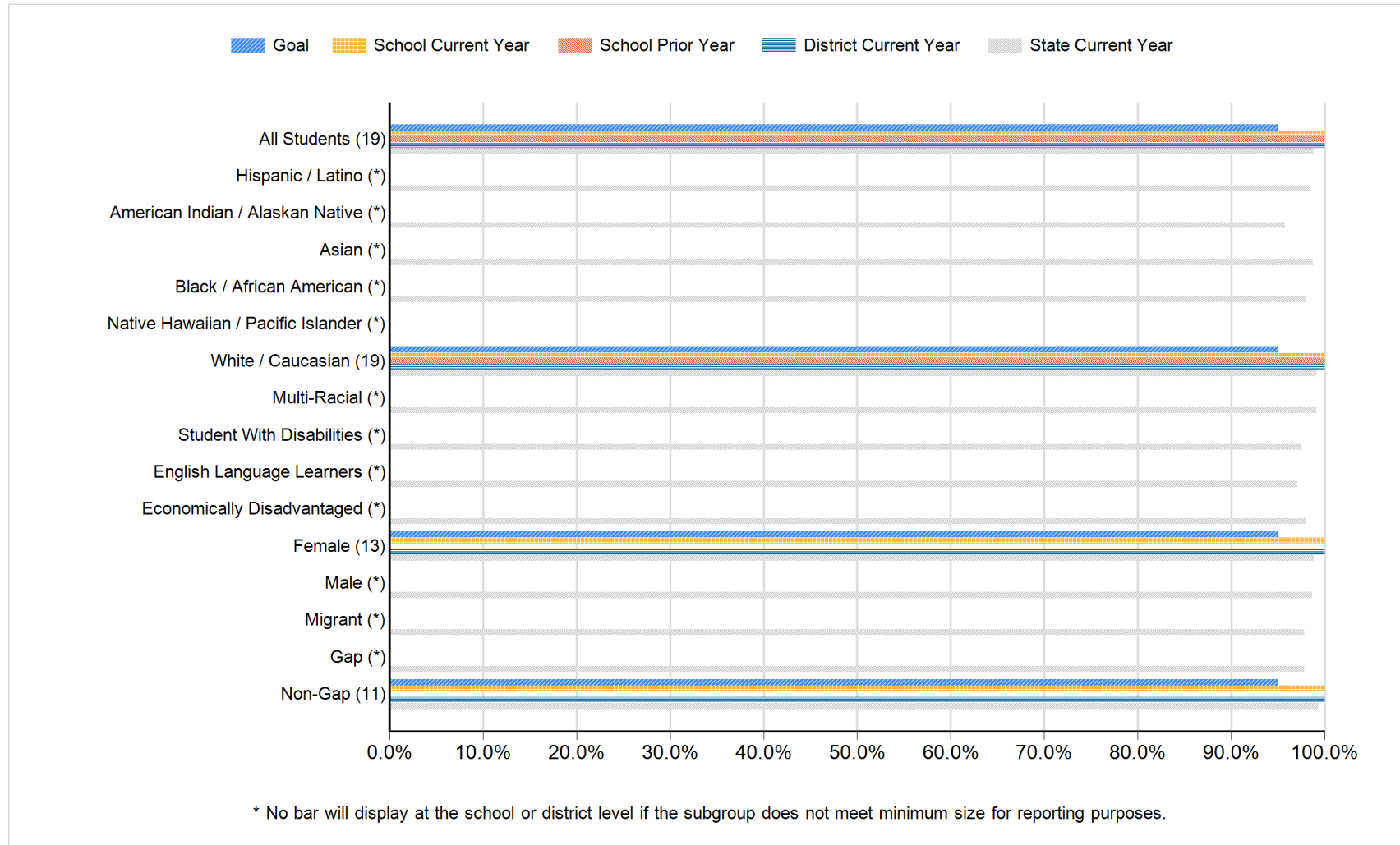
		AMO	School Current Year	School Prior Year	District Current Year	State Current Year
Subgroup	Number of Students	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage	Proficient and Advanced Percentage
All Students	19	91.67	100.00	90.91	100.00	70.27
Hispanic / Latino	*					49.33
American Indian / Alaskan Native	*					36.58
Asian	*					45.33
Black / African American	*					42.22
Native Hawaiian / Pacific Islander	*					
White / Caucasian	19	90.83	100.00	90.00	100.00	75.48
Multi-Racial	*					65.35
Student With Disabilities	*					21.78
English Language Learners	*					8.97
Economically Disadvantaged	*					50.73
Female	13		100.00		100.00	71.00
Male	*					69.55
Migrant	*					13.95
Gap	*					48.05
Non-Gap	11		100.00		100.00	83.12

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.



Centerville 60-1 | Centerville HS - 01

Student Achievement: Math Participation Percentage



Centerville 60-1 | Centerville HS - 01

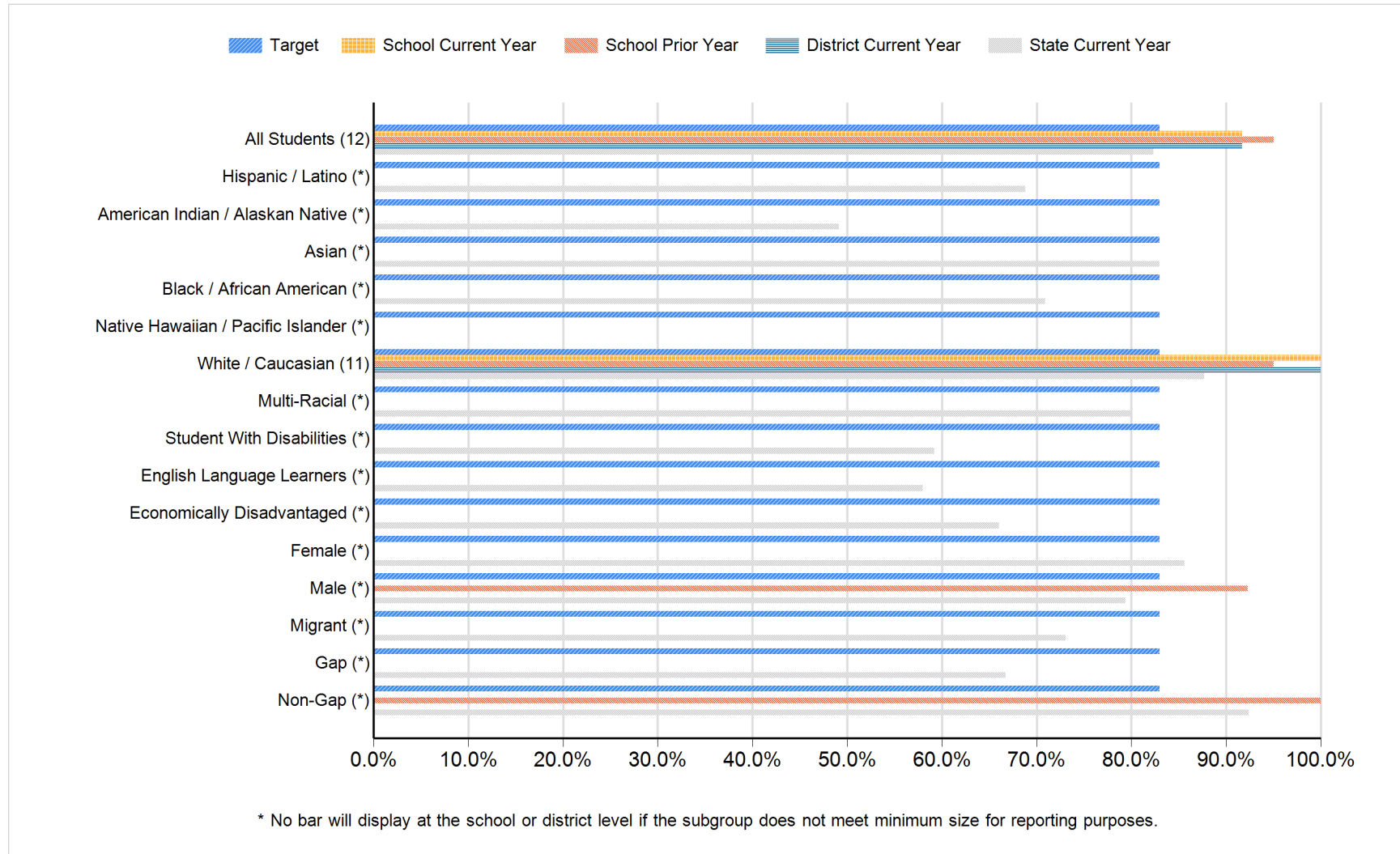
Student Achievement: Math Participation Percentage - Data Matrix

		Goal	School Current Year	School Prior Year	District Current Year	State Current Year
Subgroup	Number of Students	Participation Percentage	Participation Percentage	Participation Percentage	Participation Percentage	Participation Percentage
All Students	19	95.00	100.00	100.00	100.00	98.74
Hispanic / Latino	*					98.39
American Indian / Alaskan Native	*					95.74
Asian	*					98.71
Black / African American	*					97.99
Native Hawaiian / Pacific Islander	*					
White / Caucasian	19	95.00	100.00	100.00	100.00	99.08
Multi-Racial	*					99.09
Student With Disabilities	*					97.41
English Language Learners	*					97.08
Economically Disadvantaged	*					98.02
Female	13	95.00	100.00		100.00	98.85
Male	*					98.64
Migrant	*					97.83
Gap	*					97.79
Non-Gap	11	95.00	100.00		100.00	99.32

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

Four-year Cohort Graduation



Centerville 60-1 | Centerville HS - 01

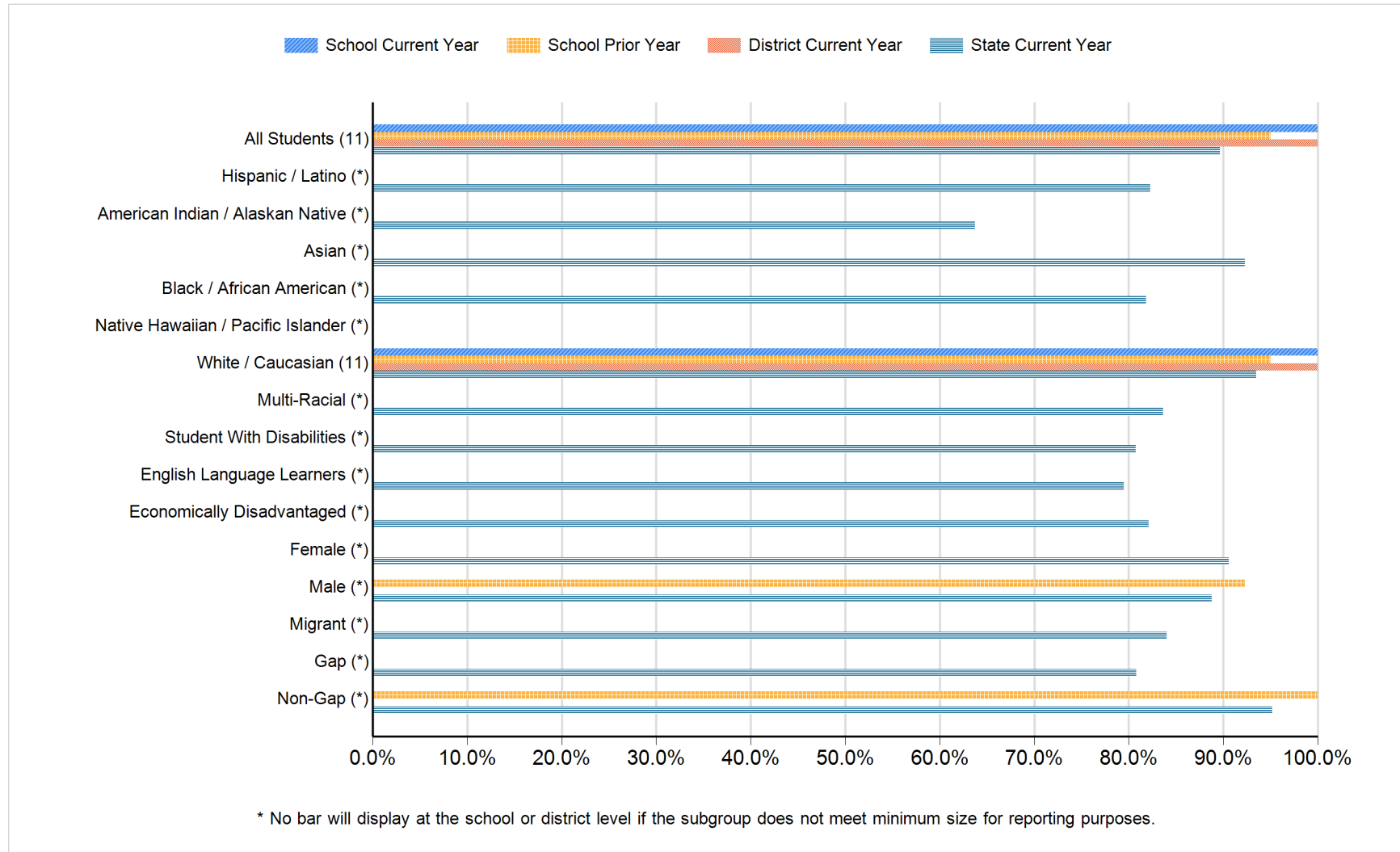
Four-year Cohort Graduation: Data Matrix

Subgroup	Number of Students	Target	School Current Year	School Prior Year	District Current Year	State Current Year
		Four-year Cohort Graduation Percentage	Four-year Cohort Graduation Percentage	Four-year Cohort Graduation Percentage	Four-year Cohort Graduation Percentage	Four-year Cohort Graduation Percentage
All Students	12	83.00	91.67	95.00	91.67	82.34
Hispanic / Latino	*	83.00				68.81
American Indian / Alaskan Native	*	83.00				49.11
Asian	*	83.00				83.01
Black / African American	*	83.00				70.92
Native Hawaiian / Pacific Islander	*	83.00				
White / Caucasian	11	83.00	100.00	95.00	100.00	87.69
Multi-Racial	*	83.00				80.00
Student With Disabilities	*	83.00				59.17
English Language Learners	*	83.00				58.01
Economically Disadvantaged	*	83.00				66.02
Female	*	83.00				85.59
Male	*	83.00		92.31		79.37
Migrant	*	83.00				73.08
Gap	*	83.00				66.76
Non-Gap	*	83.00		100.00		92.41

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

High School Completion



Centerville 60-1 | Centerville HS - 01

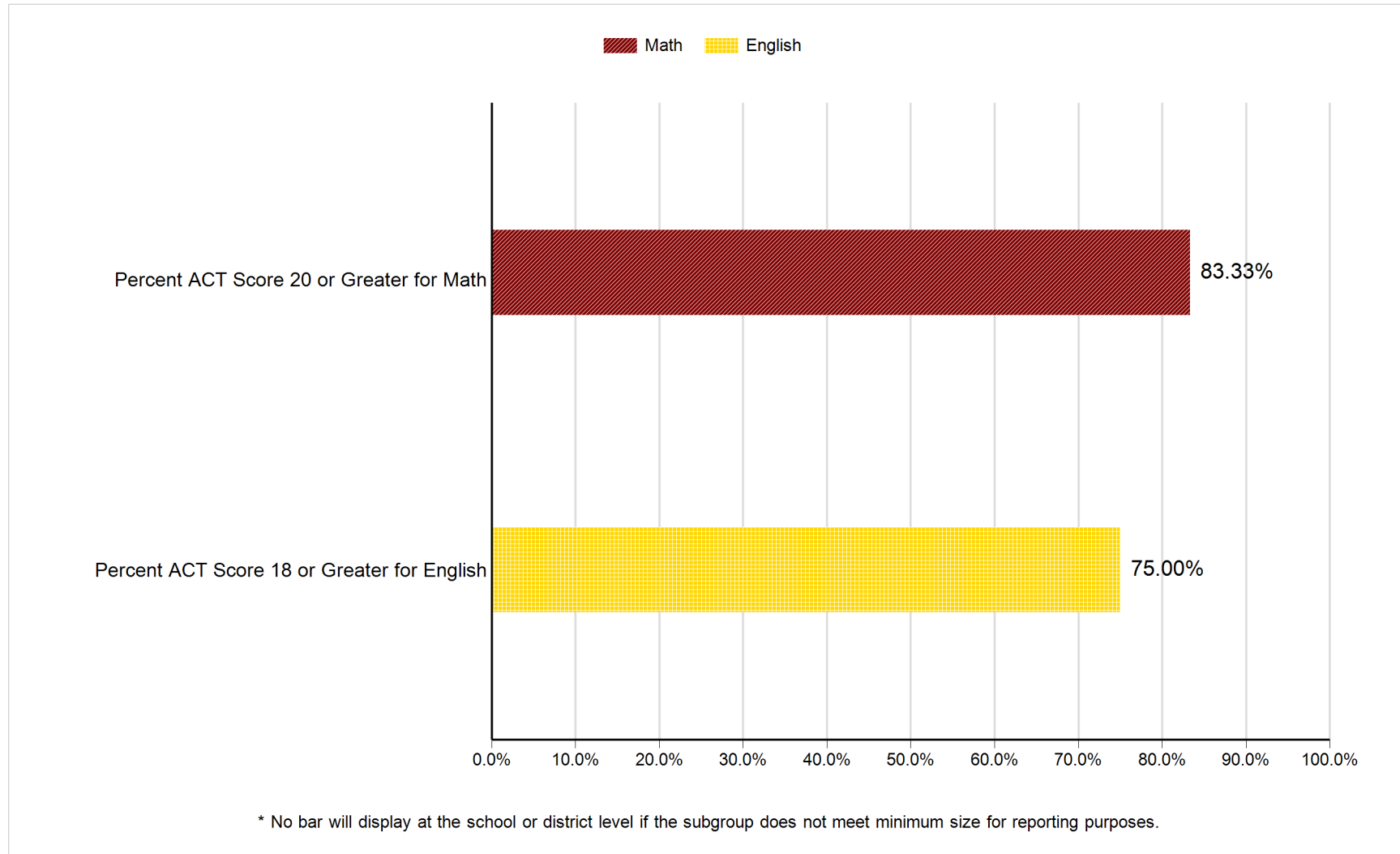
High School Completion: Data Matrix

Subgroup	Number of Students	School Current Year	School Prior Year	District Current Year	State Current Year
		High School Completion Percentage	High School Completion Percentage	High School Completion Percentage	High School Completion Percentage
All Students	11	100.00	95.00	100.00	89.68
Hispanic / Latino	*				82.25
American Indian / Alaskan Native	*				63.74
Asian	*				92.31
Black / African American	*				81.85
Native Hawaiian / Pacific Islander	*				
White / Caucasian	11	100.00	95.00	100.00	93.51
Multi-Racial	*				83.65
Student With Disabilities	*				80.73
English Language Learners	*				79.51
Economically Disadvantaged	*				82.09
Female	*				90.59
Male	*		92.31		88.78
Migrant	*				84.00
Gap	*				80.80
Non-Gap	*		100.00		95.16

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

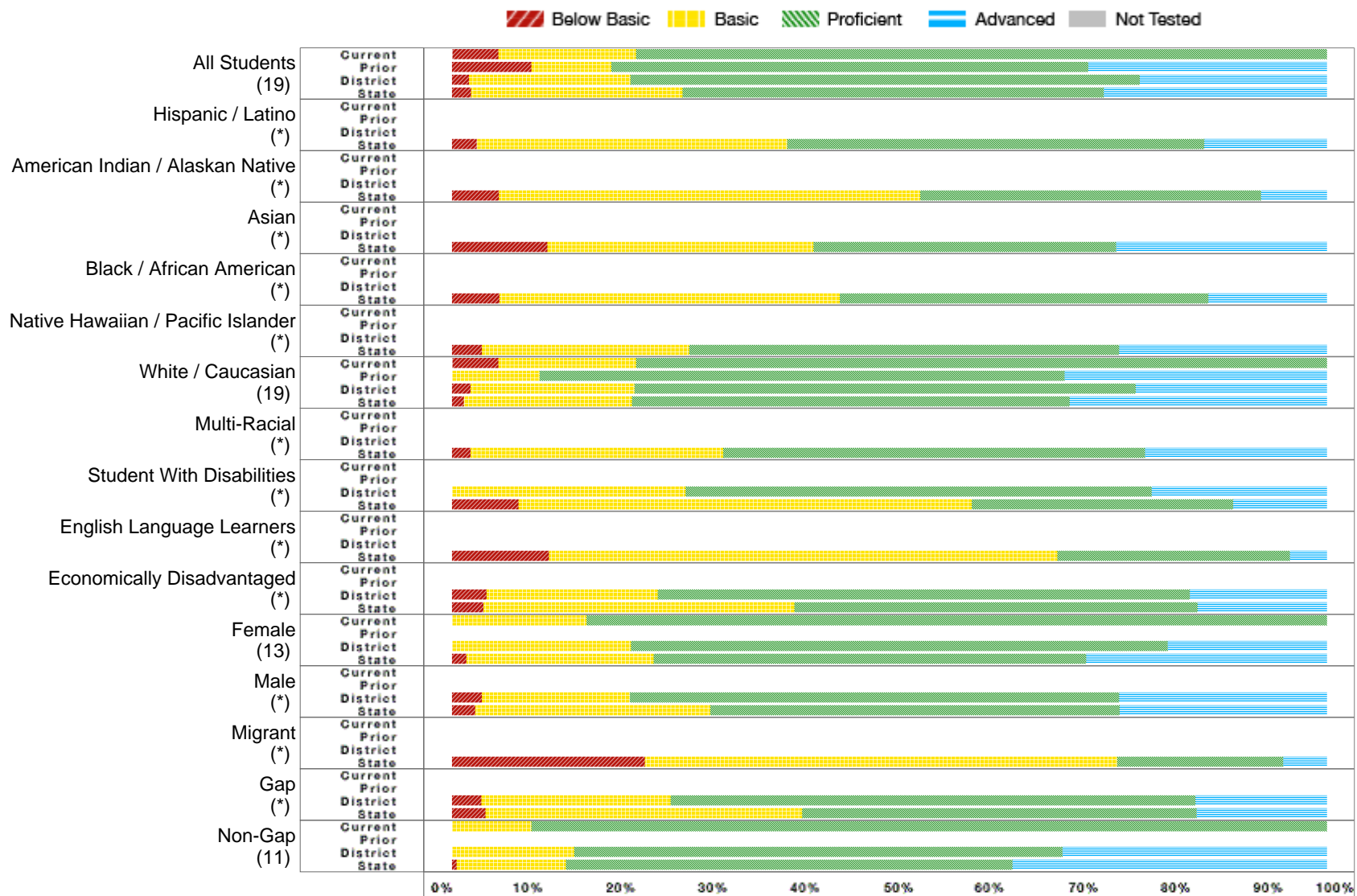
Centerville 60-1 | Centerville HS - 01

College and Career Readiness



Centerville 60-1 | Centerville HS - 01

All Assessed: Reading All Grades



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.



Centerville 60-1 | Centerville HS - 01

All Assessed: Reading All Grades - Data Matrix

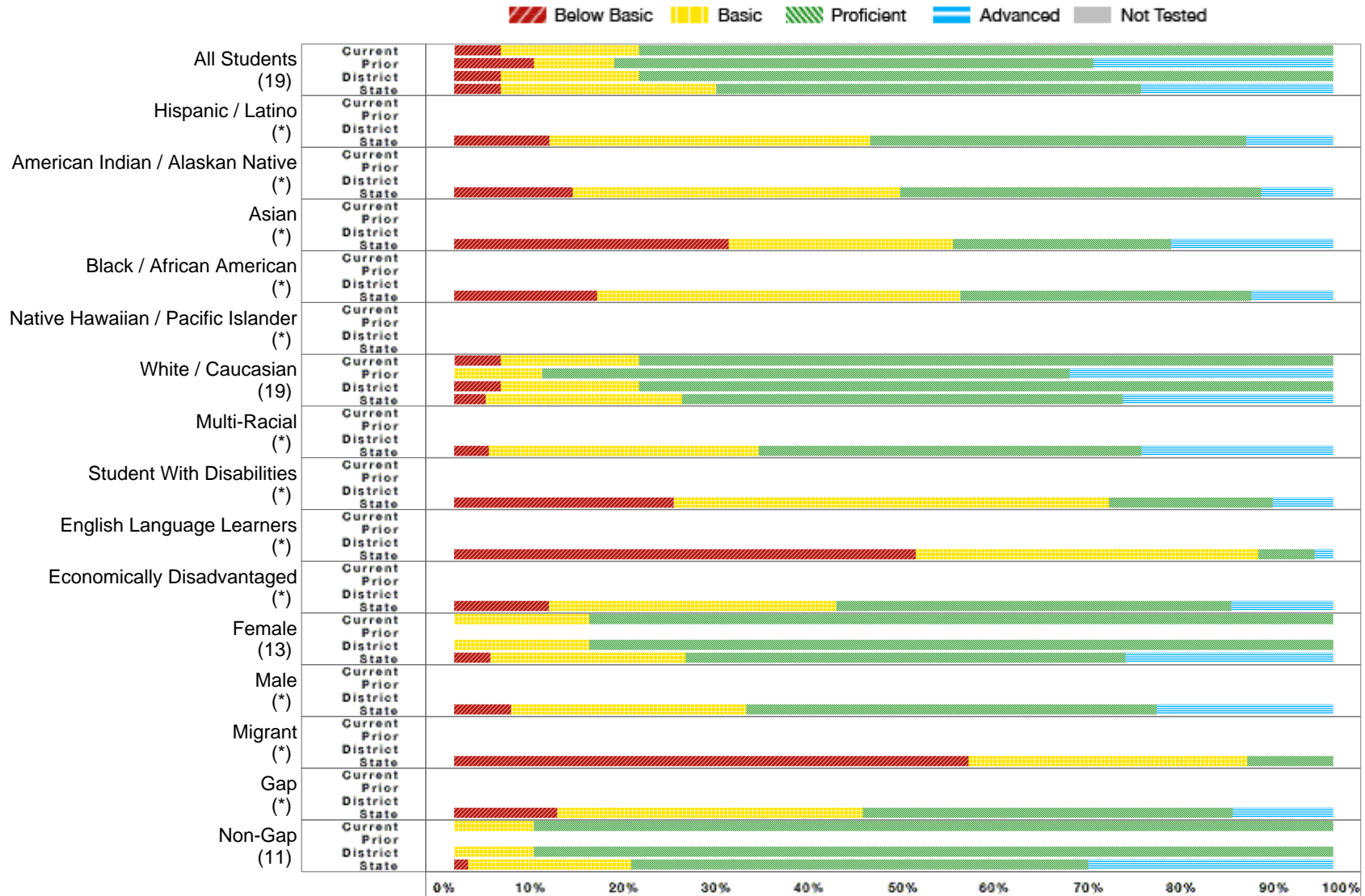
		School Current Year					School Prior Year					District Current Year					State Current Year				
	Number Students	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	5.26	15.79	78.95	0.00	0.00	9.09	9.09	54.55	27.27	0.00	1.94	18.45	58.25	21.36	0.00	2.15	24.21	48.12	25.53	0.51
Hispanic / Latino	*																2.79	35.52	47.67	14.02	1.06
American Indian / Alaskan Native	*																5.36	48.17	38.93	7.54	0.86
Asian	*																10.90	30.40	34.61	24.09	6.19
Black / African American	*																5.42	38.89	42.12	13.57	1.68
Native Hawaiian / Pacific Islander	*																3.39	23.73	49.15	23.73	0.00
White / Caucasian	19	5.26	15.79	78.95	0.00	0.00	0.00	10.00	60.00	30.00	0.00	2.08	18.75	57.29	21.88	0.00	1.34	19.24	50.02	29.40	0.27
Multi-Racial	*																2.10	28.88	48.22	20.79	0.24
Student With Disabilities	*											0.00	26.67	53.33	20.00	0.00	7.60	51.80	29.91	10.69	0.49
English Language Learners	*																11.10	58.11	26.54	4.26	5.44
Economically Disadvantaged	*											3.92	19.61	60.78	15.69	0.00	3.61	35.53	46.07	14.79	0.79
Female	13	0.00	15.38	84.62	0.00	0.00						0.00	20.45	61.36	18.18	0.00	1.62	21.42	49.47	27.50	0.50
Male	*											3.39	16.95	55.93	23.73	0.00	2.65	26.86	46.83	23.66	0.52
Migrant	*																22.01	54.04	18.94	5.01	12.01
Gap	*											3.33	21.67	60.00	15.00	0.00	3.80	36.18	45.12	14.90	0.80
Non-Gap	11	0.00	9.09	90.91	0.00	0.00						0.00	13.95	55.81	30.23	0.00	0.53	12.50	51.05	35.92	0.23

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

**Centerville 60-1 | Centerville HS - 01**

**All Assessed: Reading Grade 11**



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

All Assessed: Reading Grade 11 - Data Matrix

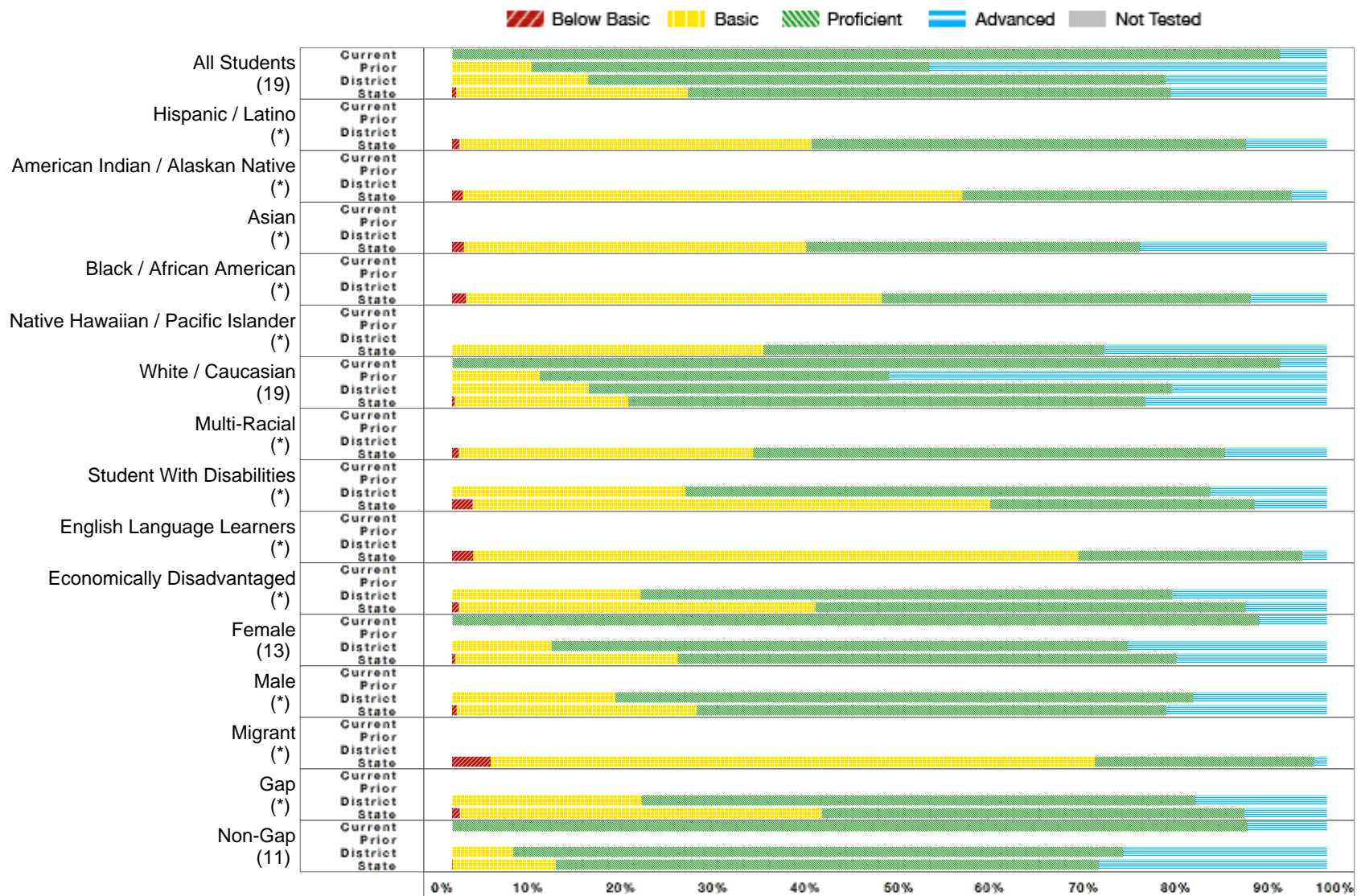
		School Current Year					School Prior Year					District Current Year					State Current Year				
	Number Students	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	5.26	15.79	78.95	0.00	0.00	9.09	9.09	54.55	27.27	0.00	5.26	15.79	78.95	0.00	0.00	5.30	24.50	48.35	21.85	1.25
Hispanic / Latino	*																10.81	36.49	42.79	9.91	2.20
American Indian / Alaskan Native	*																13.50	37.24	41.10	8.16	4.53
Asian	*																31.21	25.53	24.82	18.44	1.40
Black / African American	*																16.28	41.28	33.14	9.30	1.15
Native Hawaiian / Pacific Islander	*																				
White / Caucasian	19	5.26	15.79	78.95	0.00	0.00	0.00	10.00	60.00	30.00	0.00	5.26	15.79	78.95	0.00	0.00	3.56	22.39	50.14	23.92	0.90
Multi-Racial	*																3.96	30.69	43.56	21.78	0.98
Student With Disabilities	*																24.96	49.51	18.62	6.91	2.48
English Language Learners	*																52.48	39.01	6.38	2.13	3.42
Economically Disadvantaged	*																10.77	32.73	44.89	11.61	1.96
Female	13	0.00	15.38	84.62	0.00	0.00						0.00	15.38	84.62	0.00	0.00	4.10	22.22	50.05	23.62	1.12
Male	*																6.48	26.75	46.67	20.10	1.39
Migrant	*																58.54	31.71	9.76	0.00	2.38
Gap	*																11.70	34.81	42.05	11.44	2.24
Non-Gap	11	0.00	9.09	90.91	0.00	0.00						0.00	9.09	90.91	0.00	0.00	1.61	18.56	51.98	27.86	0.68

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

All Assessed: Math All Grades



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

All Assessed: Math All Grades - Data Matrix

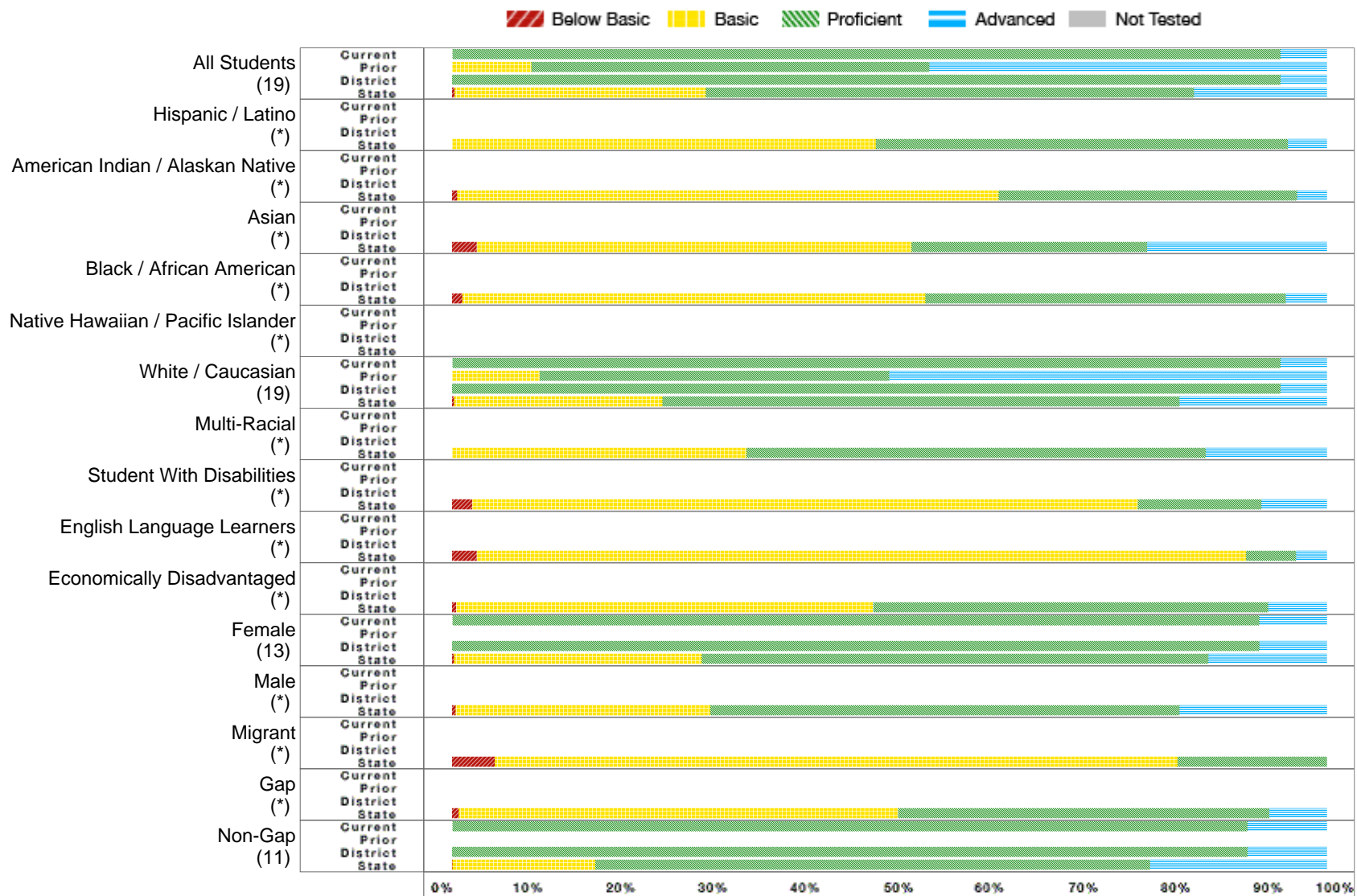
		School Current Year					School Prior Year					District Current Year					State Current Year				
	Number Students	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	0.00	0.00	94.74	5.26	0.00	0.00	9.09	45.45	45.45	0.00	0.00	15.53	66.02	18.45	0.00	0.46	26.47	55.27	17.80	0.33
Hispanic / Latino	*																0.79	40.26	49.72	9.22	0.47
American Indian / Alaskan Native	*																1.20	57.12	37.62	4.06	0.86
Asian	*																1.35	39.12	38.22	21.31	0.27
Black / African American	*																1.56	47.51	42.22	8.71	0.36
Native Hawaiian / Pacific Islander	*																0.00	35.59	38.98	25.42	0.00
White / Caucasian	19	0.00	0.00	94.74	5.26	0.00	0.00	10.00	40.00	50.00	0.00	0.00	15.63	66.67	17.71	0.00	0.27	19.90	59.12	20.71	0.25
Multi-Racial	*																0.73	33.66	53.96	11.65	0.24
Student With Disabilities	*											0.00	26.67	60.00	13.33	0.00	2.33	59.22	30.22	8.23	0.50
English Language Learners	*																2.41	69.18	25.60	2.80	0.64
Economically Disadvantaged	*											0.00	21.57	60.78	17.65	0.00	0.75	40.78	49.20	9.27	0.42
Female	13	0.00	0.00	92.31	7.69	0.00						0.00	11.36	65.91	22.73	0.00	0.37	25.46	56.99	17.18	0.32
Male	*											0.00	18.64	66.10	15.25	0.00	0.54	27.41	53.65	18.40	0.34
Migrant	*																4.42	69.04	25.06	1.47	0.25
Gap	*											0.00	21.67	63.33	15.00	0.00	0.90	41.42	48.27	9.42	0.45
Non-Gap	11	0.00	0.00	90.91	9.09	0.00						0.00	6.98	69.77	23.26	0.00	0.03	11.79	62.15	26.03	0.22

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

All Assessed: Math Grade 11



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.



Centerville 60-1 | Centerville HS - 01

All Assessed: Math Grade 11 - Data Matrix

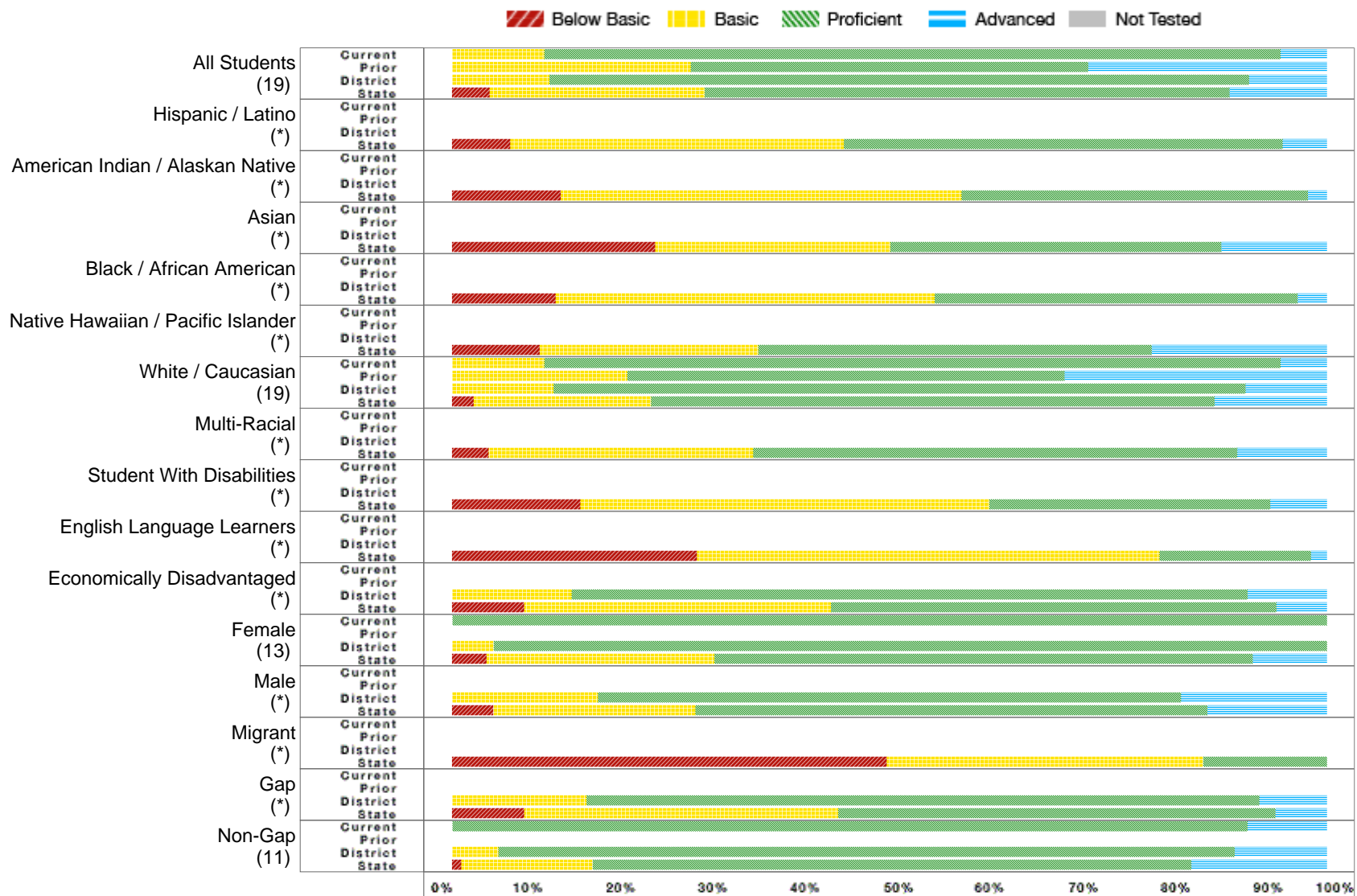
	Number Students	School Current Year					School Prior Year					District Current Year					State Current Year				
		Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	0.00	0.00	94.74	5.26	0.00	0.00	9.09	45.45	45.45	0.00	0.00	0.00	94.74	5.26	0.00	0.30	28.71	55.78	15.21	1.25
Hispanic / Latino	*																0.00	48.43	47.09	4.48	1.76
American Indian / Alaskan Native	*																0.59	61.87	34.12	3.41	4.53
Asian	*																2.84	49.65	26.95	20.57	1.40
Black / African American	*																1.18	52.94	41.18	4.71	2.30
Native Hawaiian / Pacific Islander	*																				
White / Caucasian	19	0.00	0.00	94.74	5.26	0.00	0.00	10.00	40.00	50.00	0.00	0.00	0.00	94.74	5.26	0.00	0.21	23.82	59.12	16.85	0.89
Multi-Racial	*																0.00	33.66	52.48	13.86	0.98
Student With Disabilities	*																2.26	76.13	14.12	7.49	2.61
English Language Learners	*																2.84	87.94	5.67	3.55	3.42
Economically Disadvantaged	*																0.46	47.66	45.20	6.68	2.01
Female	13	0.00	0.00	92.31	7.69	0.00						0.00	0.00	92.31	7.69	0.00	0.22	28.29	57.95	13.54	1.15
Male	*																0.38	29.13	53.63	16.86	1.36
Migrant	*																4.88	78.05	17.07	0.00	2.38
Gap	*																0.75	50.21	42.45	6.59	2.24
Non-Gap	11	0.00	0.00	90.91	9.09	0.00						0.00	0.00	90.91	9.09	0.00	0.04	16.31	63.47	20.19	0.68

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

**Centerville 60-1 | Centerville HS - 01**

**All Assessed: Science All Grades**



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.



Centerville 60-1 | Centerville HS - 01

All Assessed: Science All Grades - Data Matrix

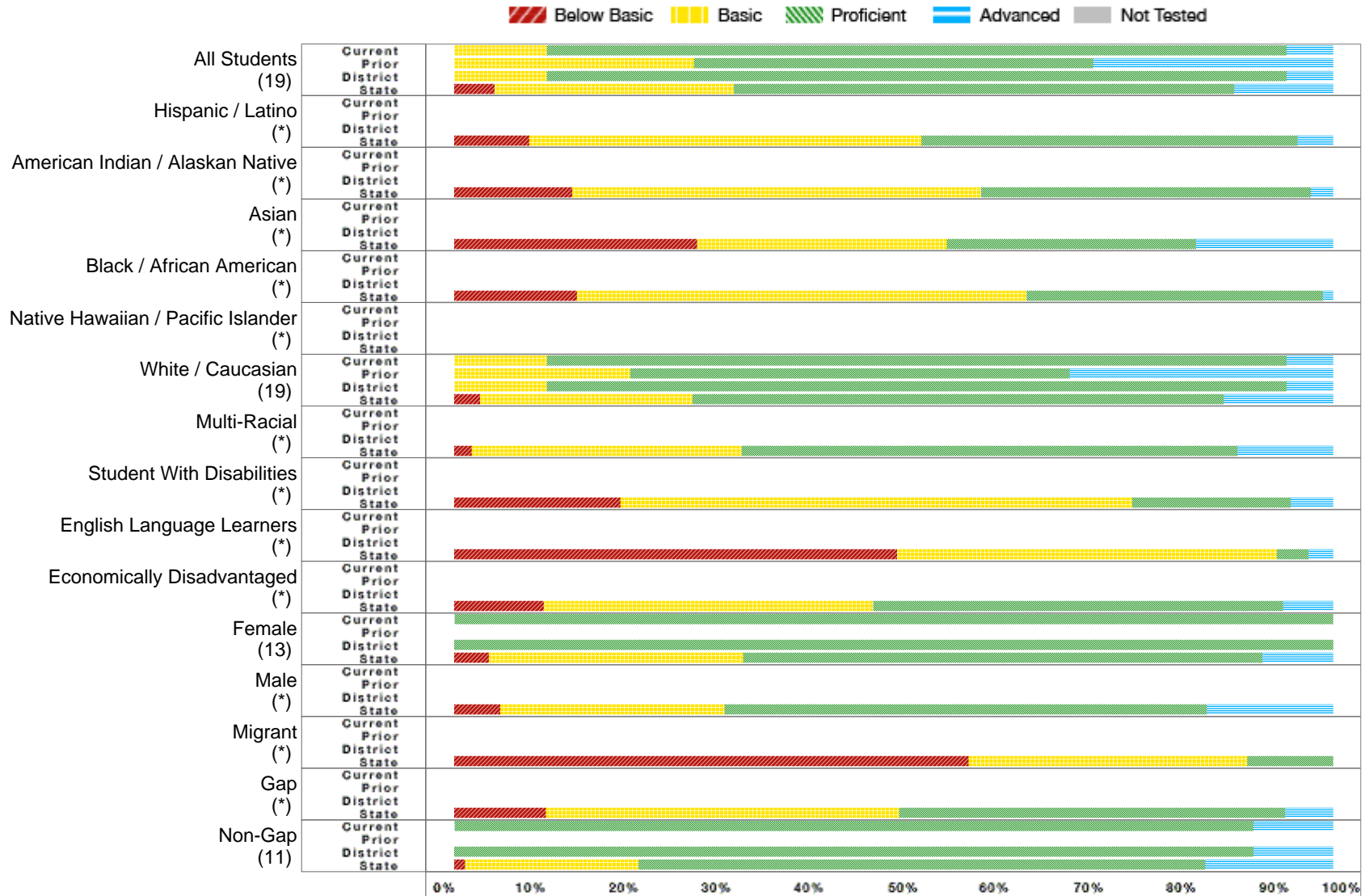
		School Current Year					School Prior Year					District Current Year					State Current Year				
	Number Students	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	0.00	10.53	84.21	5.26	0.00	0.00	27.27	45.45	27.27	0.00	0.00	11.11	80.00	8.89	0.00	4.32	24.56	60.00	11.12	0.63
Hispanic / Latino	*																6.62	38.17	50.16	5.05	0.83
American Indian / Alaskan Native	*																12.43	45.80	39.57	2.20	1.71
Asian	*																23.23	26.88	37.85	12.04	0.64
Black / African American	*																11.86	43.27	41.51	3.37	0.64
Native Hawaiian / Pacific Islander	*																10.00	25.00	45.00	20.00	0.00
White / Caucasian	19	0.00	10.53	84.21	5.26	0.00	0.00	20.00	50.00	30.00	0.00	0.00	11.63	79.07	9.30	0.00	2.45	20.28	64.42	12.85	0.47
Multi-Racial	*																4.19	30.23	55.35	10.23	0.46
Student With Disabilities	*																14.64	46.74	32.13	6.48	0.90
English Language Learners	*																27.97	52.87	17.37	1.79	1.51
Economically Disadvantaged	*											0.00	13.64	77.27	9.09	0.00	8.22	35.07	50.94	5.77	0.81
Female	13	0.00	0.00	100.00	0.00	0.00						0.00	4.76	95.24	0.00	0.00	3.93	26.04	61.58	8.45	0.61
Male	*											0.00	16.67	66.67	16.67	0.00	4.69	23.15	58.50	13.66	0.65
Migrant	*																49.69	36.20	14.11	0.00	0.61
Gap	*											0.00	15.38	76.92	7.69	0.00	8.24	35.91	49.98	5.88	0.91
Non-Gap	11	0.00	0.00	90.91	9.09	0.00						0.00	5.26	84.21	10.53	0.00	1.03	15.04	68.41	15.51	0.40

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

**Centerville 60-1 | Centerville HS - 01**

**All Assessed: Science Grade 11**



\* No bar will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.

Centerville 60-1 | Centerville HS - 01

All Assessed: Science Grade 11 - Data Matrix

		School Current Year					School Prior Year					District Current Year					State Current Year				
	Number Students	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.	Percent B. Bas	Percent Bas.	Percent Prof.	Percent Adv.	Percent N.T.
All Students	19	0.00	10.53	84.21	5.26	0.00	0.00	27.27	45.45	27.27	0.00	0.00	10.53	84.21	5.26	0.00	4.58	27.21	56.99	11.22	1.29
Hispanic / Latino	*																8.56	44.59	42.79	4.05	2.20
American Indian / Alaskan Native	*																13.41	46.50	37.56	2.53	4.96
Asian	*																27.66	28.37	28.37	15.60	1.40
Black / African American	*																13.95	51.16	33.72	1.16	1.15
Native Hawaiian / Pacific Islander	*																				
White / Caucasian	19	0.00	10.53	84.21	5.26	0.00	0.00	20.00	50.00	30.00	0.00	0.00	10.53	84.21	5.26	0.00	2.95	24.16	60.45	12.44	0.90
Multi-Racial	*																1.98	30.69	56.44	10.89	0.98
Student With Disabilities	*																18.93	58.19	18.08	4.80	2.61
English Language Learners	*																50.35	43.26	3.55	2.84	3.42
Economically Disadvantaged	*																10.20	37.48	46.59	5.73	2.05
Female	13	0.00	0.00	100.00	0.00	0.00						0.00	0.00	100.00	0.00	0.00	3.94	28.93	59.09	8.04	1.19
Male	*																5.22	25.51	54.91	14.36	1.39
Migrant	*																58.54	31.71	9.76	0.00	2.38
Gap	*																10.43	40.18	43.92	5.48	2.31
Non-Gap	11	0.00	0.00	90.91	9.09	0.00						0.00	0.00	90.91	9.09	0.00	1.21	19.74	64.52	14.54	0.69

B. Bas = Below Basic, Bas. = Basic, Prof. = Proficient, Adv. = Advanced, N.T. = Not Test

\* No data will display at the school or district level if the subgroup does not meet minimum size for reporting purposes.