

Princeton Public Schools



Live to Learn, Learn to Live

PPS START STRONG AND NJGPA DATA REVIEW

Start Strong Fall 2022

NJGPA Spring 2022 (Field Test)

START STRONG ASSESSMENT



English Language Arts Grades 4-9



Math Grades 4-8, Algebra I, Algebra II, and Geometry



Science Grades 6, 9, and 11



Administered for approximately 45-60 minutes



Based on a subset of prioritized prior-year academic standards and is just one brief measure of student performance



Students scores are broken down into three levels: Strong Support May Be Needed, Some Support May Be Needed, and Less Support May Be Needed

ELA START STRONG SCORES

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong

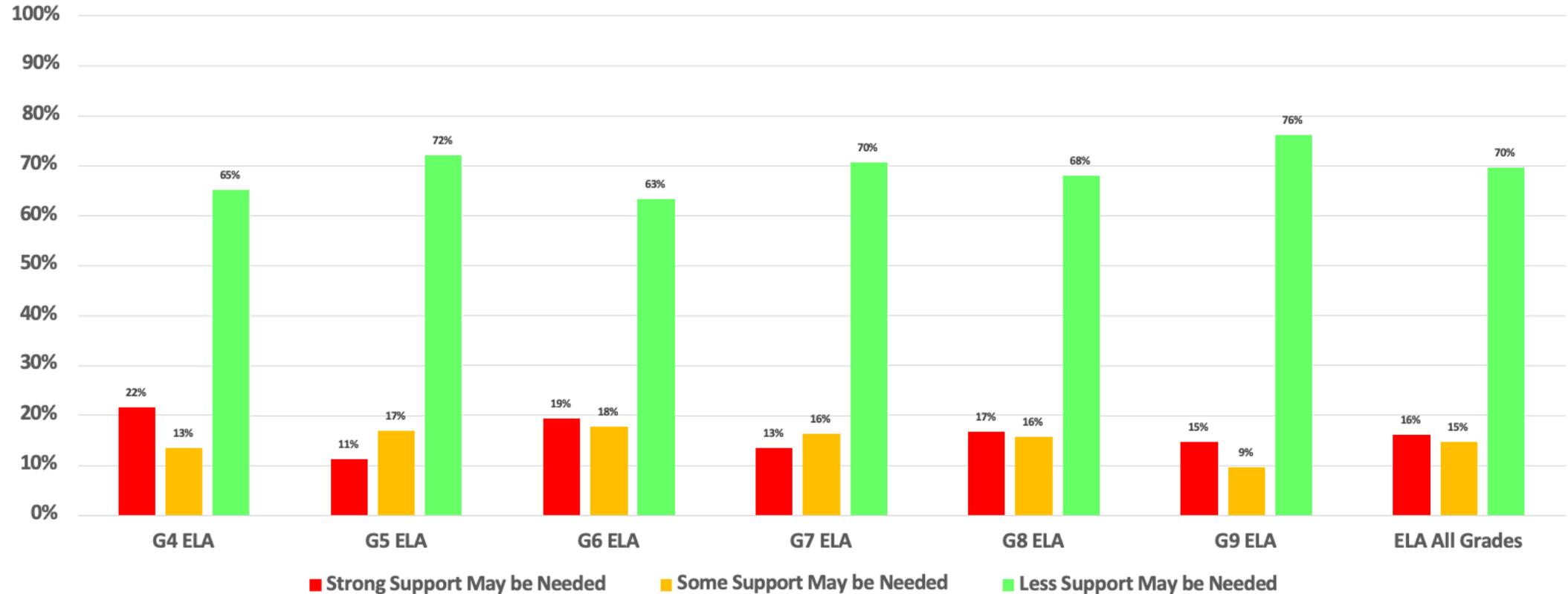
ELA/Language Arts

Grade	Total Tested in District	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
4	232	50	22%	31	13%	151	65%
5	243	27	11%	41	17%	175	72%
6	239	46	19%	42	18%	151	63%
7	247	33	13%	40	16%	174	70%
8	283	47	17%	44	16%	192	68%
9	337	49	15%	32	9%	256	76%
All Grades	1,581	252	16%	230	15%	1,099	70%

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong ELA/Language Arts

Distribution by Support Level



PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong
ELA/Language Arts Grade 4
School Comparison

School	Total Tested	Achievement Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
Community Park School	39	<10	18%	<10	15%	26	67%
Johnson Park School	64	23	36%	<10	6%	37	58%
Littlebrook ES	74	<10	12%	14	19%	51	69%
Riverside ES	55	11	20%	<10	13%	37	67%
District	232	50	22%	31	13%	151	65%

PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong
ELA/Language Arts Grade 5
School Comparison

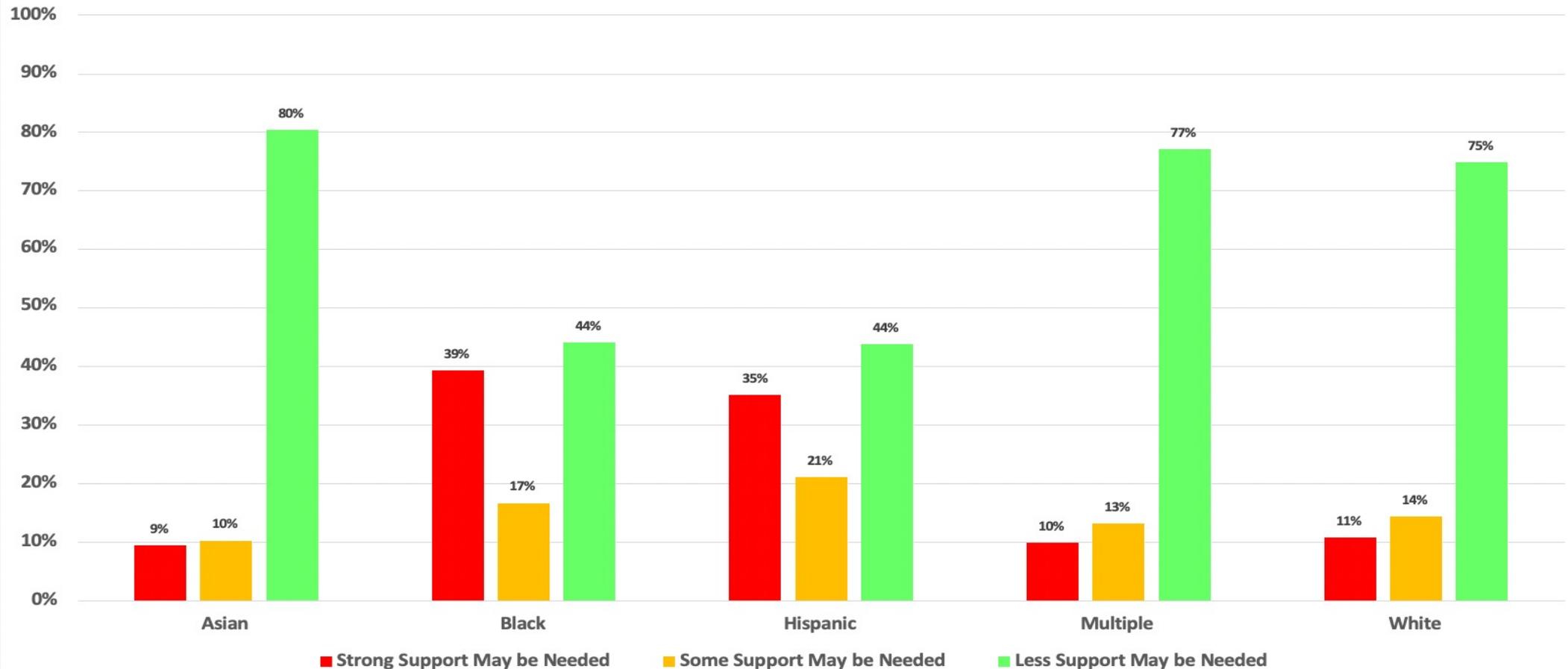
School	Total Tested	Achievement Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
Community Park School	60	<10	8%	12	20%	43	72%
Johnson Park School	67	13	19%	12	18%	42	63%
Littlebrook ES	64	<10	11%	10	16%	47	73%
Riverside ES	52	<10	4%	<10	13%	43	83%
District	243	27	11%	41	17%	175	72%

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong by Subgroup Race

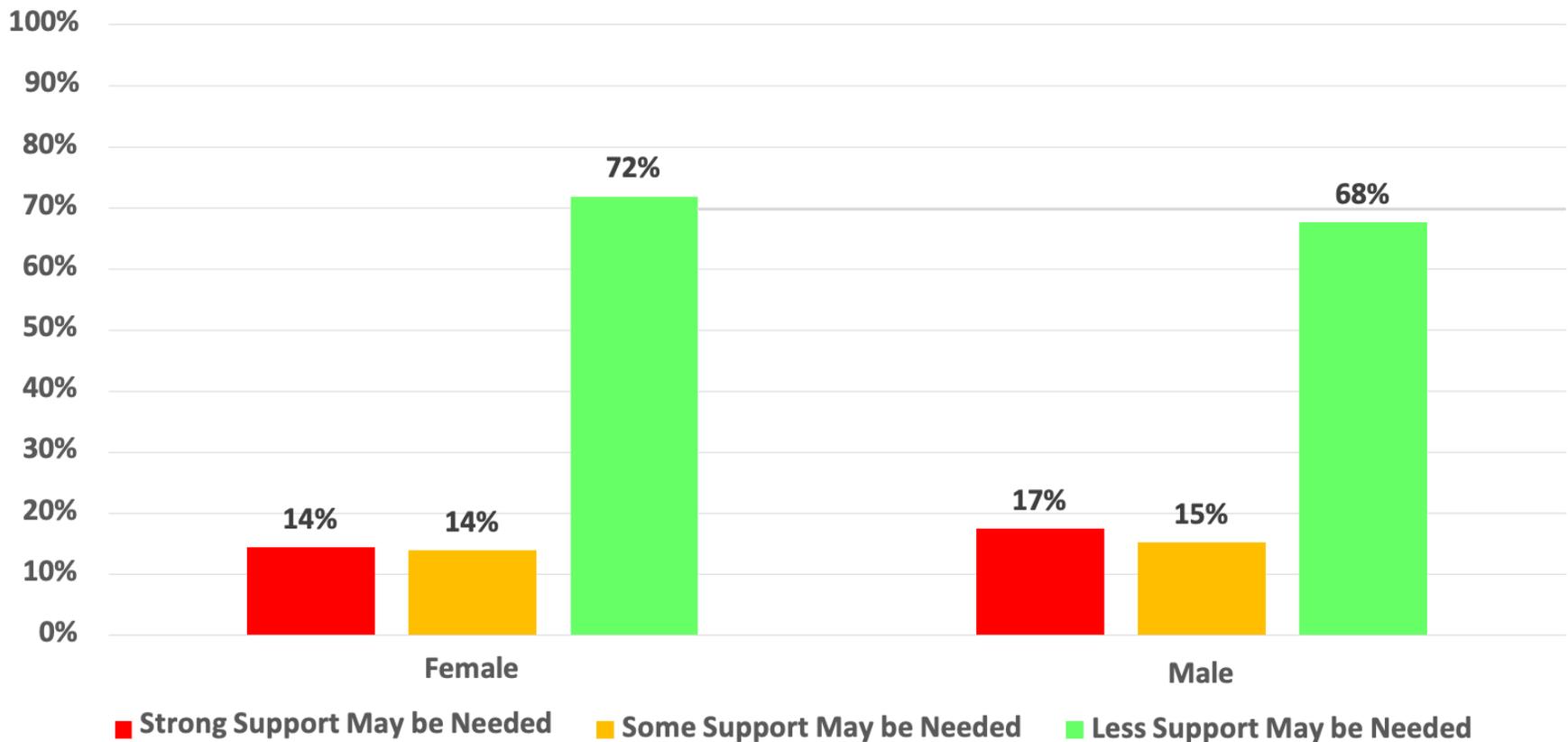
ELA/Language Arts

Distribution by Support Level (All Grades)



PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong by Subgroup Gender
ELA/Language Arts

Distribution by Support Level (All Grades)

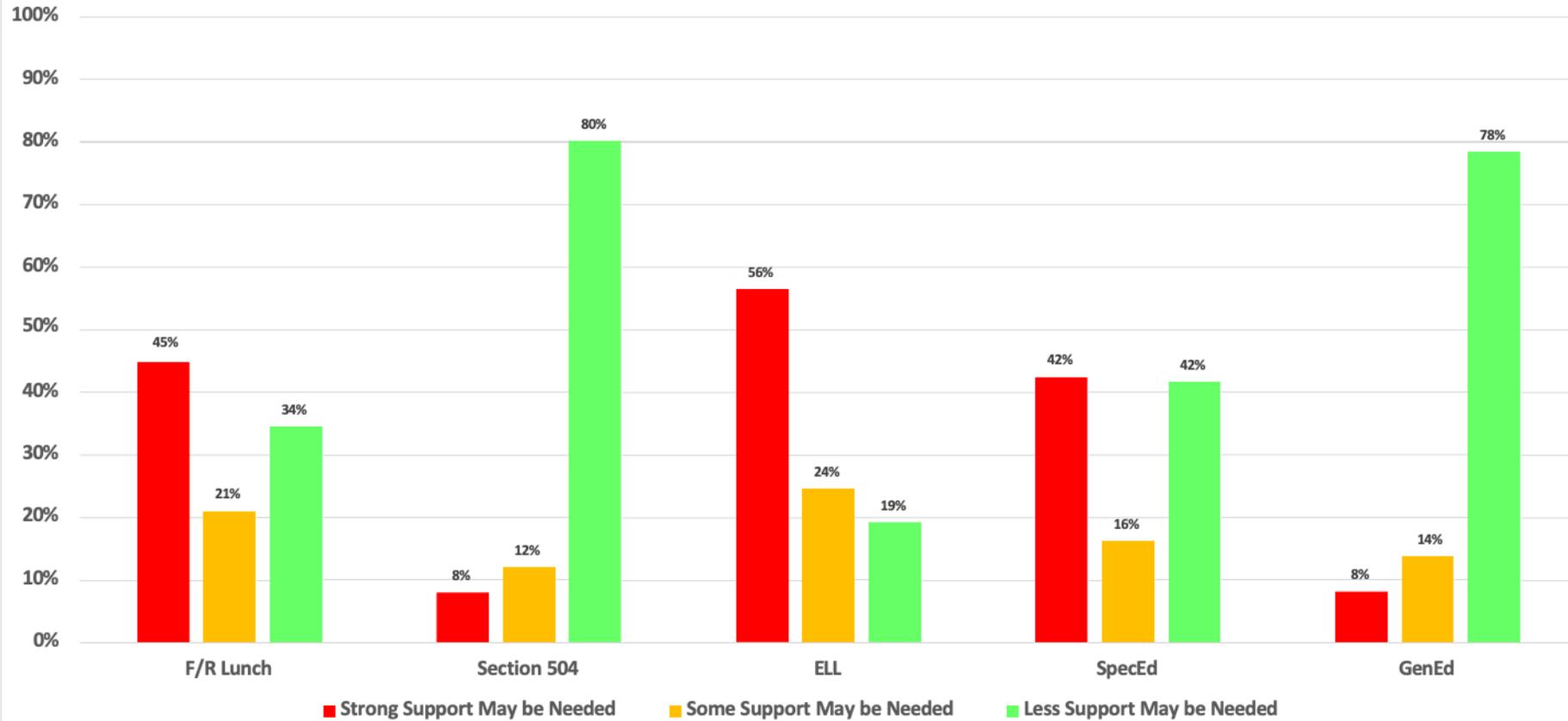


PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong by Subgroup Program

ELA/Language Arts

Distribution by Support Level (All Grades)



ELA DATA

SUMMARY

- Scores and trends similar to NJSLA
- Majority of students in each tested grade level place in the 'Less Support Needed' category
- We must target instruction across the levels to support students' diverse needs

NEXT STEPS

- Orton-Gillingham training for instructors working across tiered systems of support to help promote student growth
- District committee will be selecting a new K-5 benchmark reading assessment (DRA-2 is retired as of this year) to help teachers monitor and reflect upon progress
- Summer 2023 training for Kindergarten and 1st grade teachers on structured literacy to help support student success in Tier I settings
- Continue department-wide professional learning on culturally sustaining literacy practices to increase student engagement and student voice
- Continue to expand opportunities for professional collaboration across content areas and courses in the humanities to deepen students' literacy skills by:
 - Strengthening horizontal and vertical articulation
 - Teaching to transfer
 - Administering and analyzing common assessments

MATH START STRONG SCORES

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong

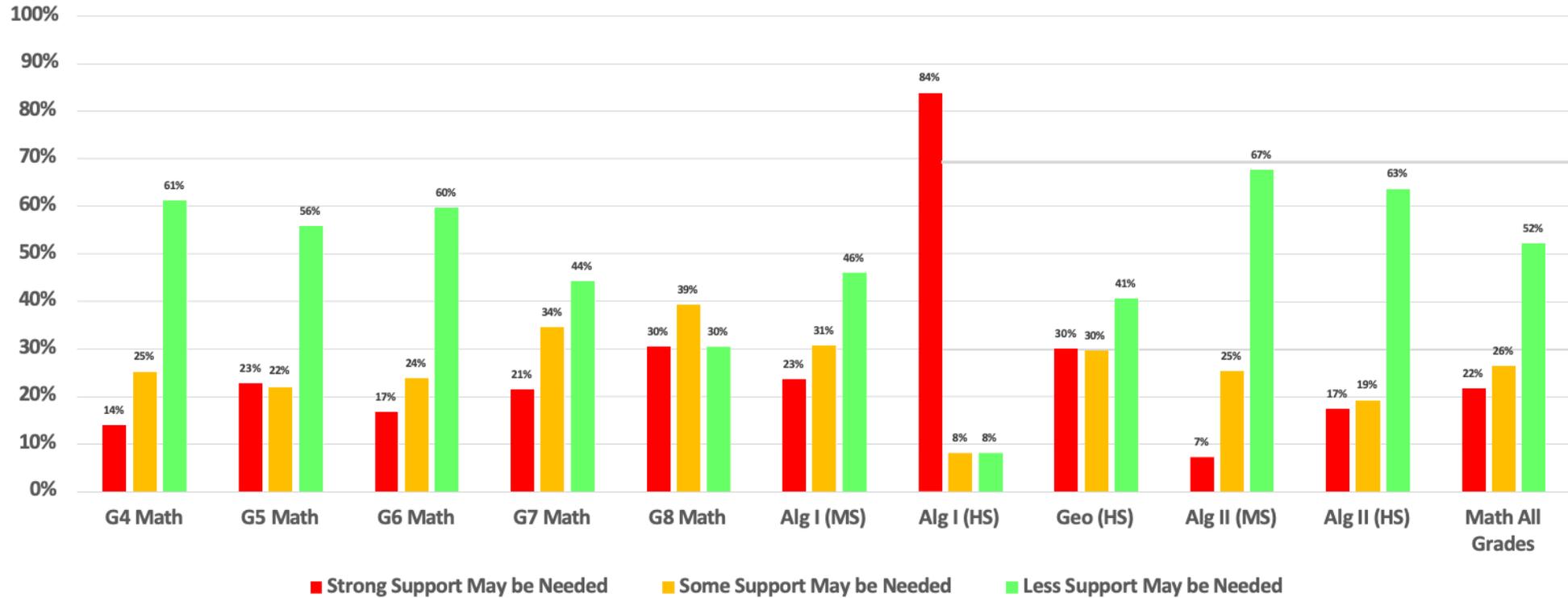
Mathematics

Grade	Total Tested in District	Achievement Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
		4	239	33	14%	60	25%
5	248	56	23%	54	22%	138	56%
6	240	40	17%	57	24%	143	60%
7	154	33	21%	53	34%	68	44%
8	125	38	30%	49	39%	38	30%
Alg I (MS)	98	23	23%	30	31%	45	46%
Alg I (HS)	37	31	84%	<10	8%	<10	8%
Geo (HS)	264	79	30%	78	30%	107	41%
Alg II (MS)	166	12	7%	42	25%	112	67%
Alg II (HS)	167	29	17%	32	19%	106	63%
All Grades	1,738	374	22%	458	26%	906	52%

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong Mathematics

Distribution by Support Level



PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong
Mathematics Grade 4 School
Comparison

School	Total Tested	Achievement Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
Community Park School	39	<10	10%	12	31%	23	59%
Johnson Park School	68	14	21%	18	26%	36	53%
Littlebrook ES	74	<10	7%	14	19%	55	74%
Riverside ES	58	10	17%	16	28%	32	55%
District	239	33	14%	60	25%	146	61%

PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong
Mathematics Grade 5 School
Comparison

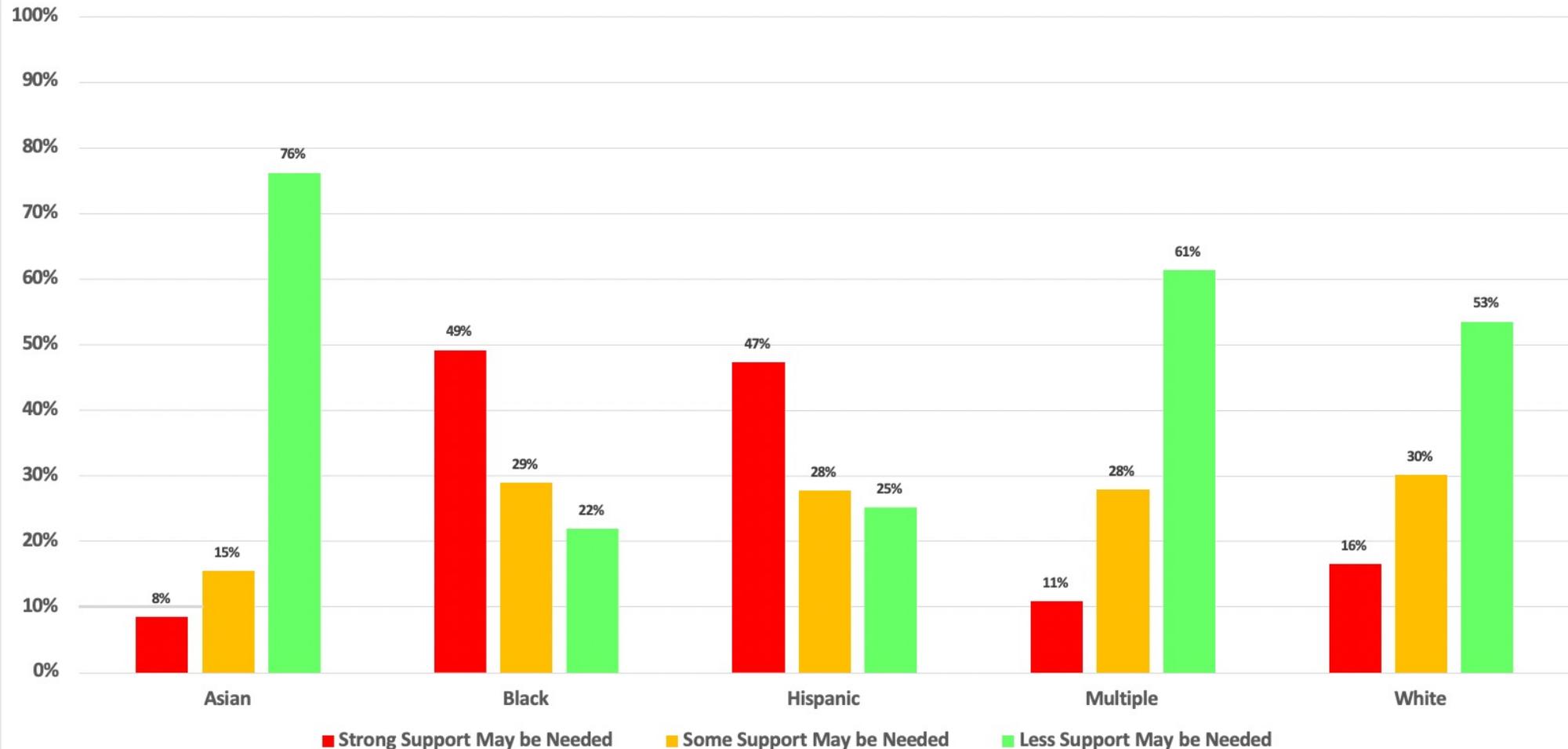
School	Total Tested	Achievement Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
Community Park School	61	13	21%	16	26%	32	52%
Johnson Park School	70	17	24%	17	24%	36	51%
Littlebrook ES	65	14	22%	12	18%	39	60%
Riverside ES	52	12	23%	<10	17%	31	60%
District	248	56	23%	54	22%	138	56%

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong by Subgroup Race

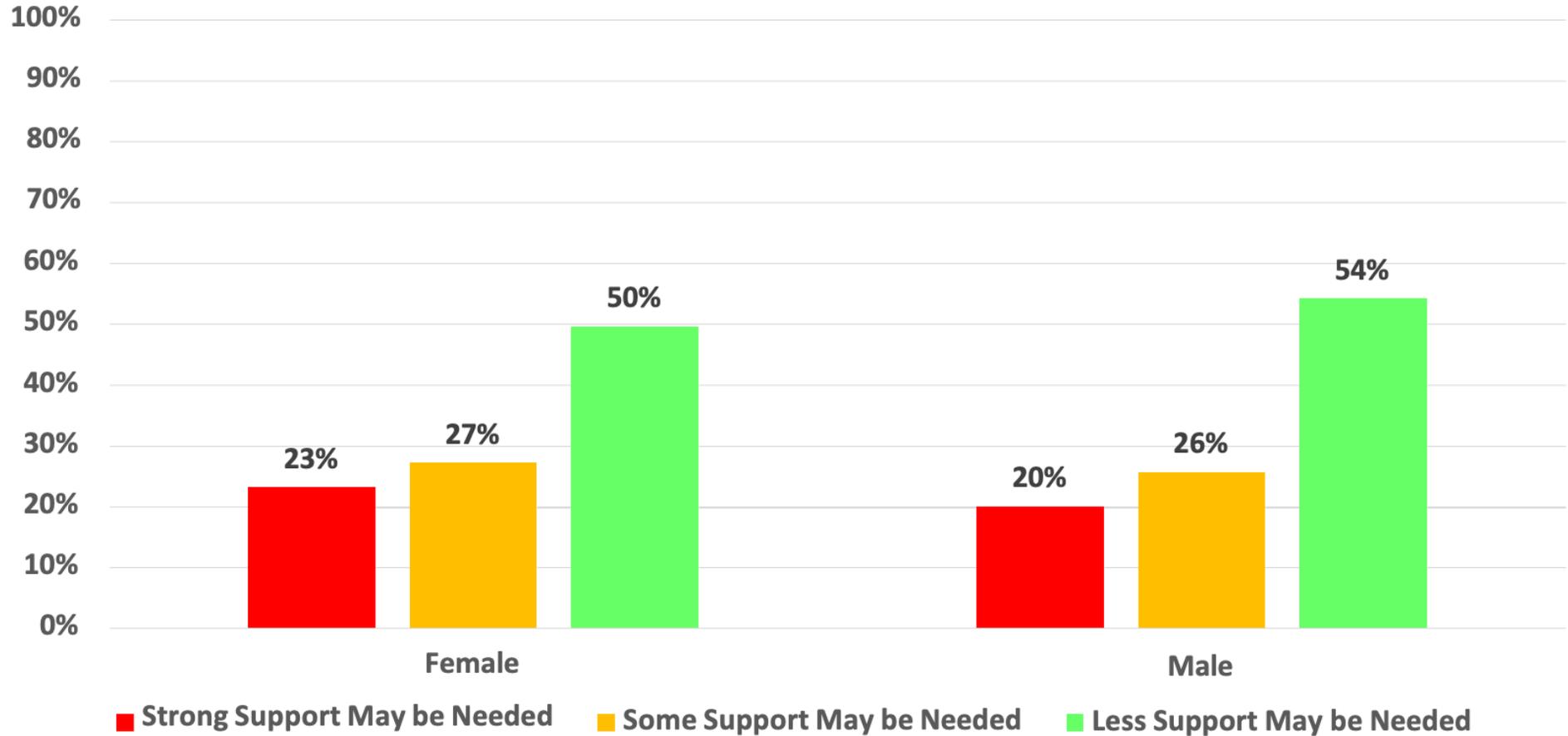
Mathematics

Distribution by Achievement Level (All Grades)



PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong by Subgroup Gender
Mathematics

Distribution by Support Level (All Grades)

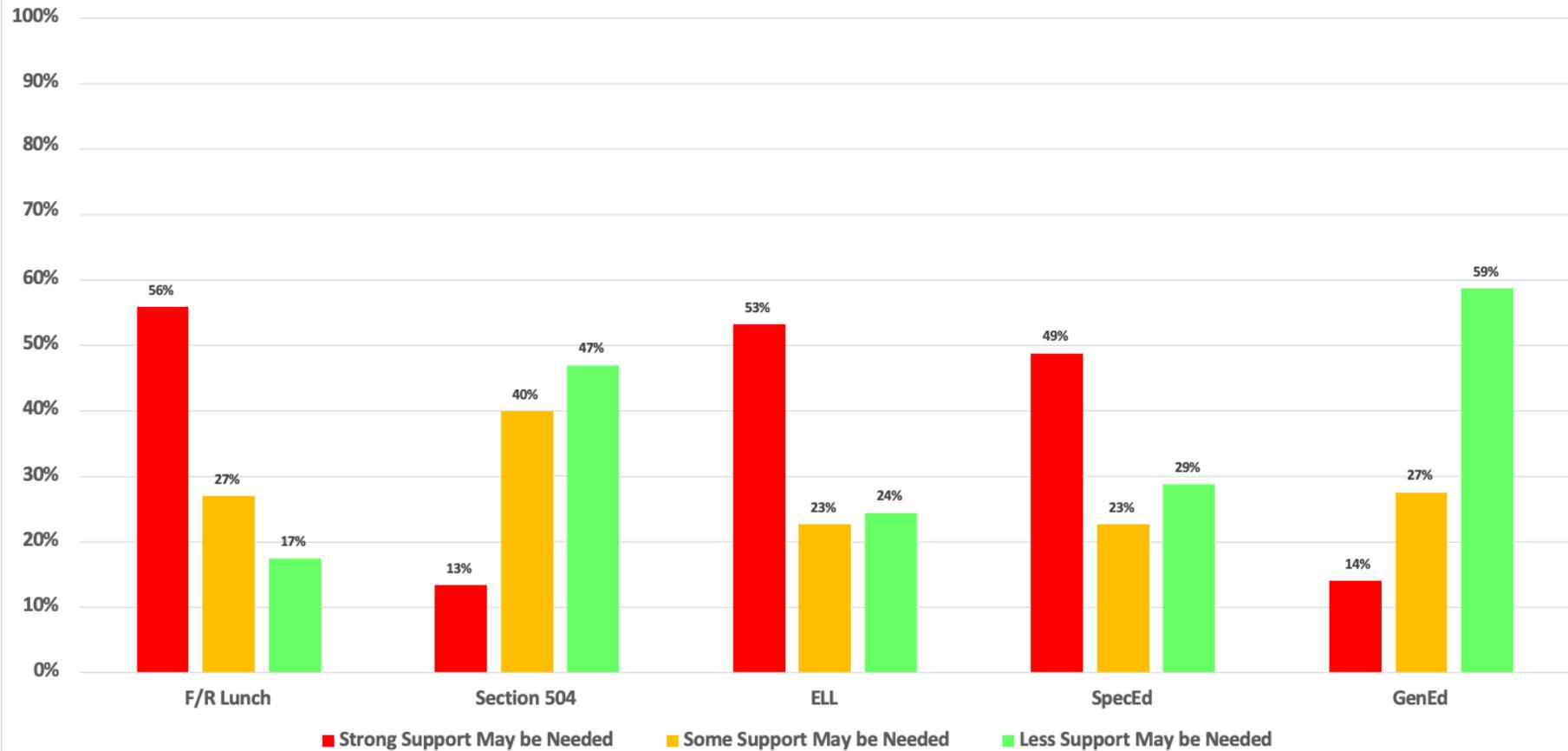


PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong by Subgroup Program

Mathematics

Distribution by Support Level (All Grades)



MATH DATA

SUMMARY

- Similar scores and trends to NJSLA
- The majority our students fall into the "Less Support Needed" category across all four elementary buildings and Algebra II
- We must focus on targeting instruction for students across the levels to meet their diverse needs

NEXT STEPS

- Continued professional development with Math Workshop and *Building Thinking Classrooms* to offer differentiated instruction
- Continued articulation and alignment with Math standards
- Providing instructional supports for students in need of intervention in Tier I and Tier II settings
- Undergo a Math Program Audit/Evaluation to further identify areas of strength and areas for growth

SCIENCE START STRONG SCORES

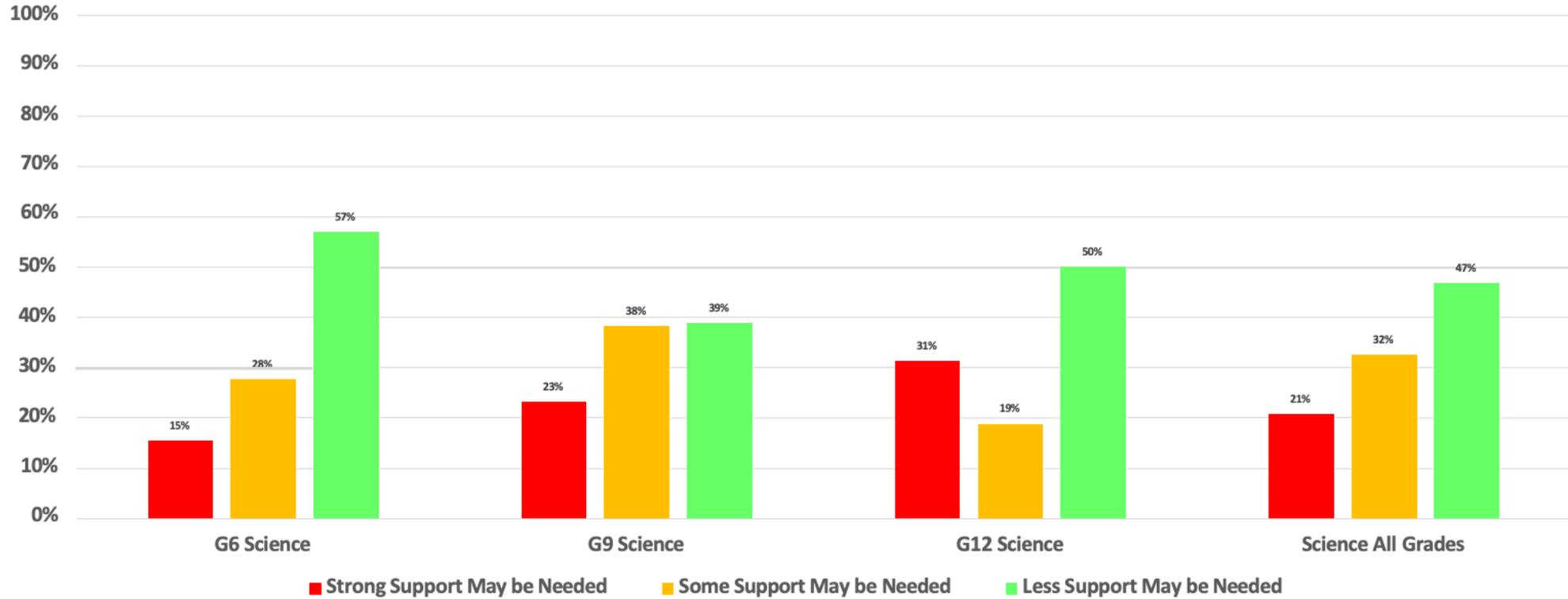
PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong
Science

Grade	Total Tested in District	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		# of students	% of total	# of students	% of total	# of students	% of total
6	246	38	15%	68	28%	140	57%
9	328	76	23%	125	38%	127	39%
12	48	15	31%	<10	19%	24	50%
All Grades	622	129	21%	202	32%	291	47%

PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong Science

Distribution by Support Level

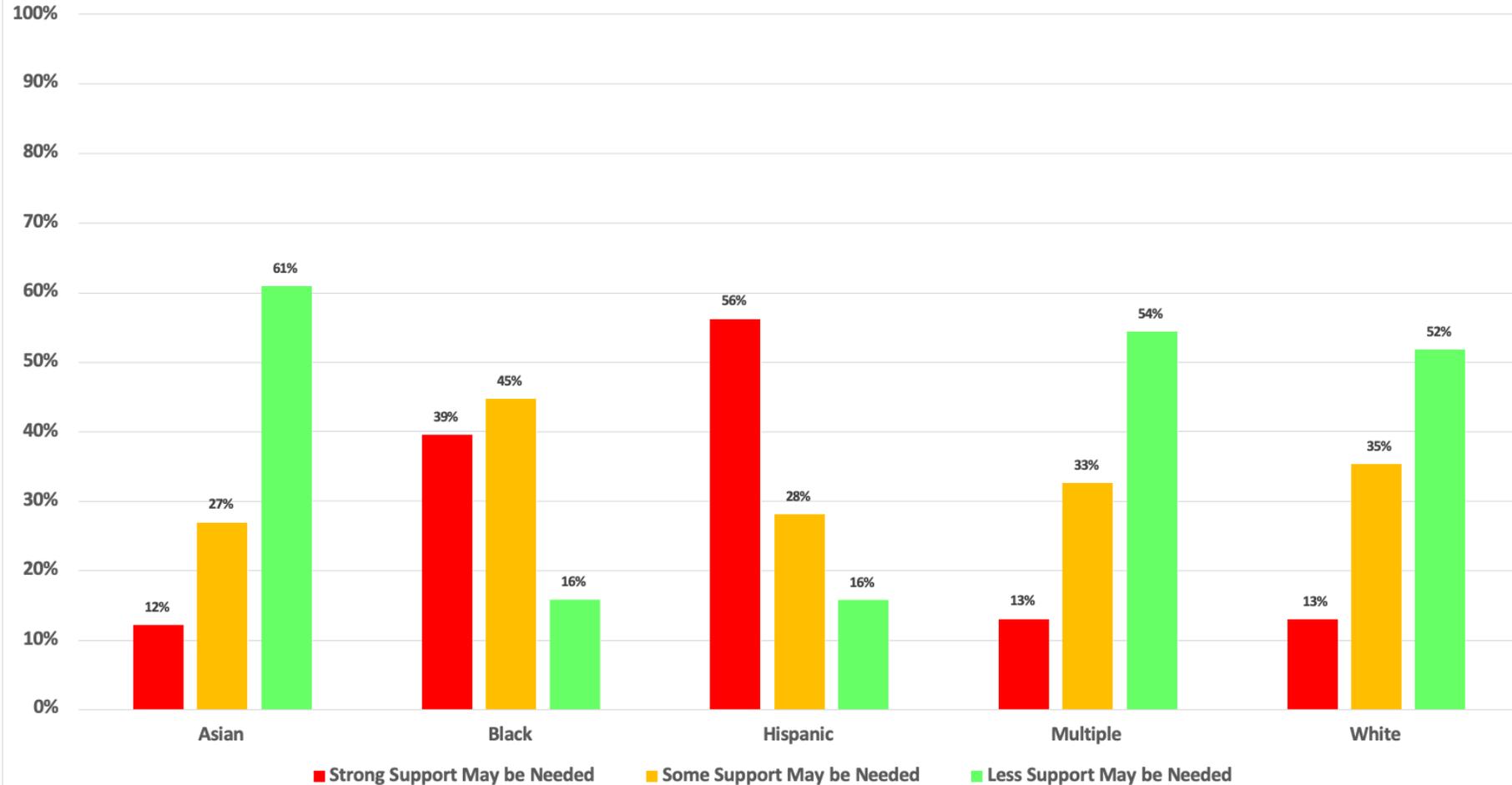


PRINCETON PUBLIC SCHOOLS

2022-23 Fall Start Strong by Subgroup Race

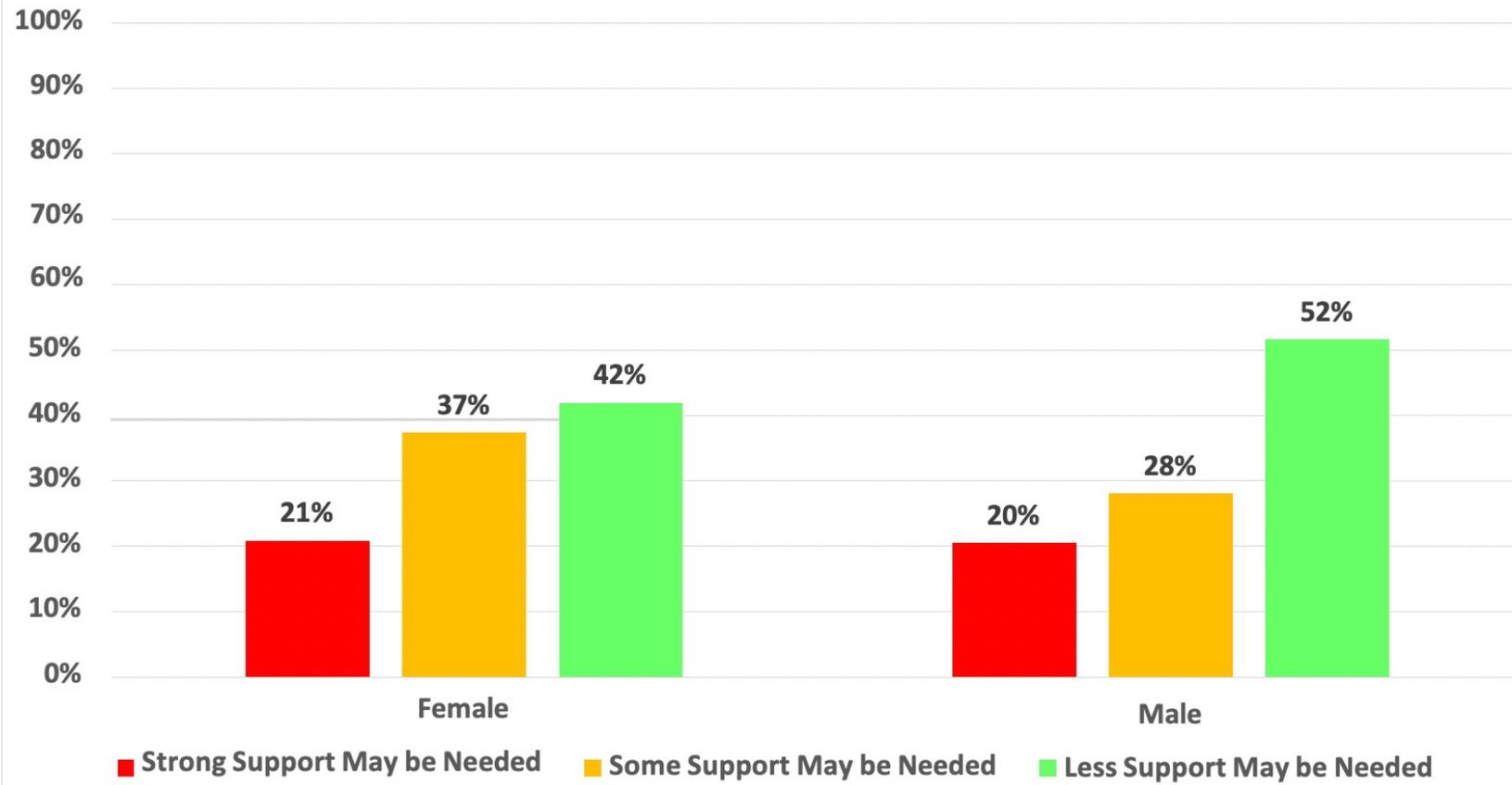
Science

Distribution by Support Level (All Grades)



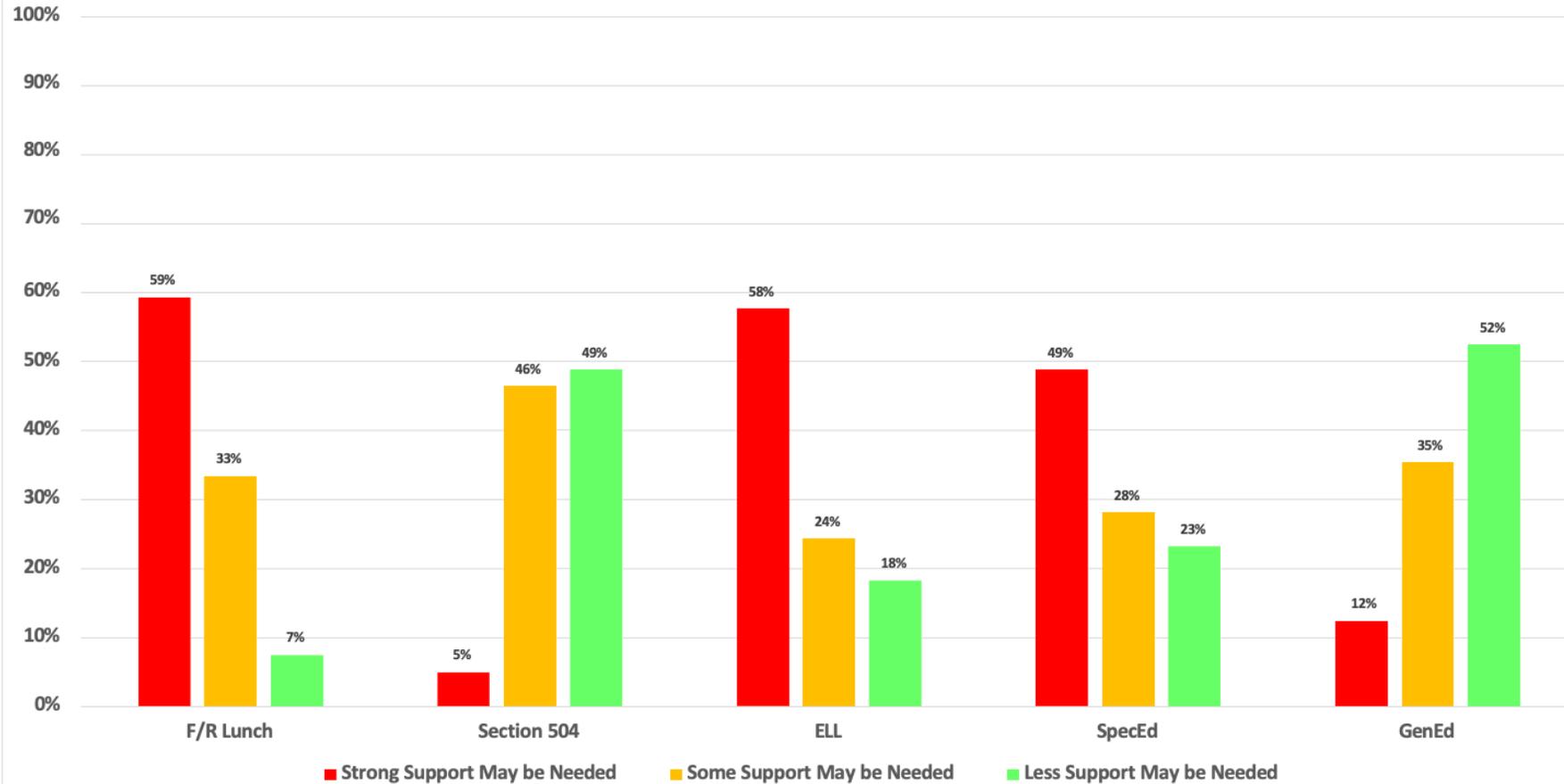
PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong by Subgroup Gender
Science

Distribution by Support Level (All Grades)



PRINCETON PUBLIC SCHOOLS
2022-23 Fall Start Strong by Subgroup Program
Science

Distribution by Support Level (All Grades)



SCIENCE DATA

SUMMARY

- Similar scores to NJSLA, with growth in grade 6
- Most students across all four elementary buildings in 4th and 5th grade scored in the "Less Support Needed" category

NEXT STEPS

- Provide district-wide STEM literacy
 - Reading informational text
 - Writing up research
- Re-institute daily STEM learning opportunities
- Increase stakeholder buy-in for Science assessment as a benchmark
- Undergo a Science Program Audit/Evaluation to further identify areas of strength and areas for growth

NJGPA: NJ GRADUATION PROFICIENCY ASSESSMENT



Field test for the Class of 2023



Will be new graduation assessment for Class of 2024 and beyond



Students can still utilize alternative assessment pathways to graduate



Assesses ELA, Algebra I, and Geometry standards in four 90-minute units

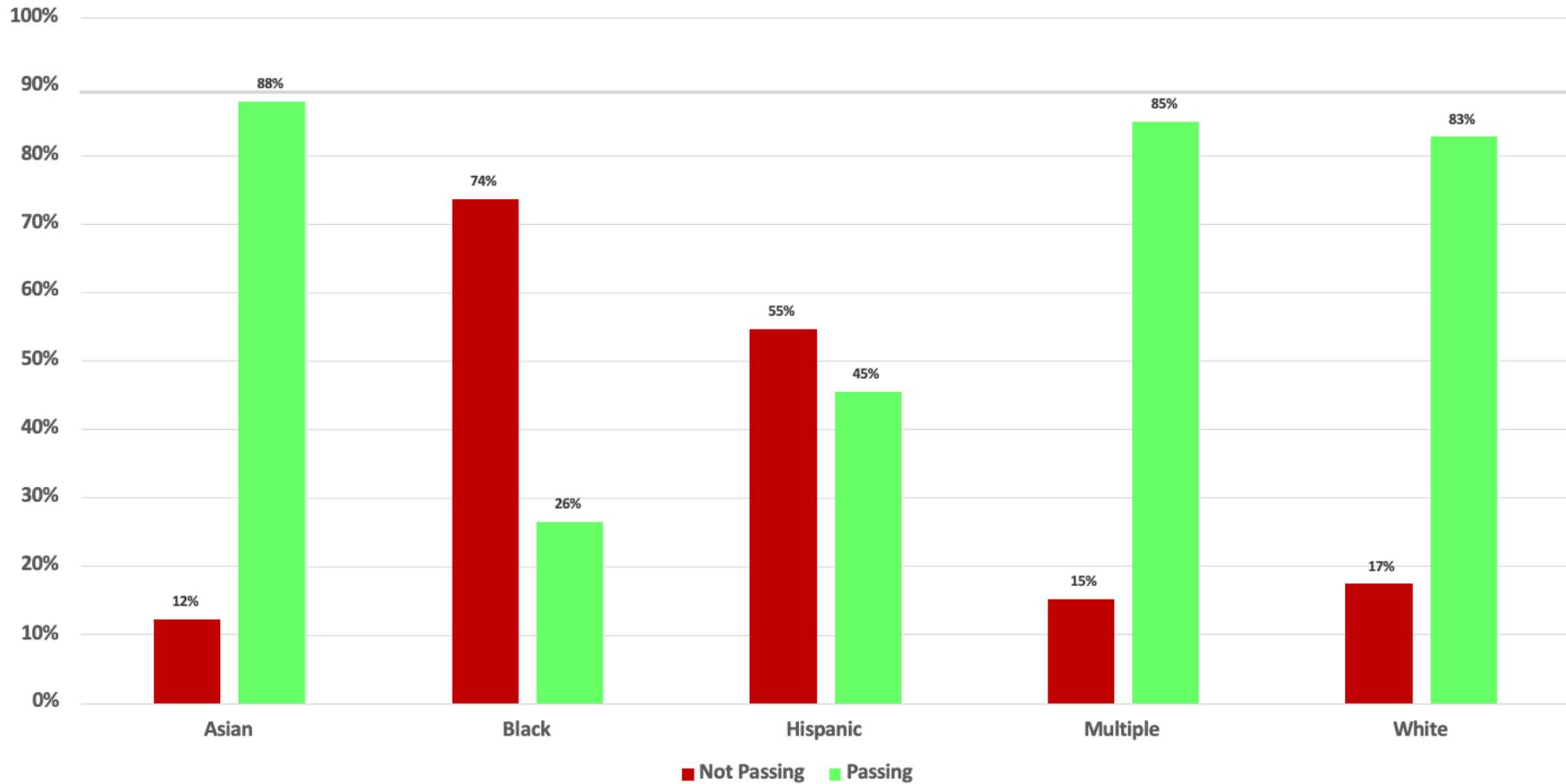
PRINCETON PUBLIC SCHOOLS 2021-22 NJGPA

Subject	Total Tested in District	Achievement Levels			
		Not Passing		Passing	
		District	State	District	State
ELA	370	26%	61%	74%	39%
Math	371	20%	50%	80%	50%
All Results	741	23%	55%	77%	45%

PRINCETON PUBLIC SCHOOLS

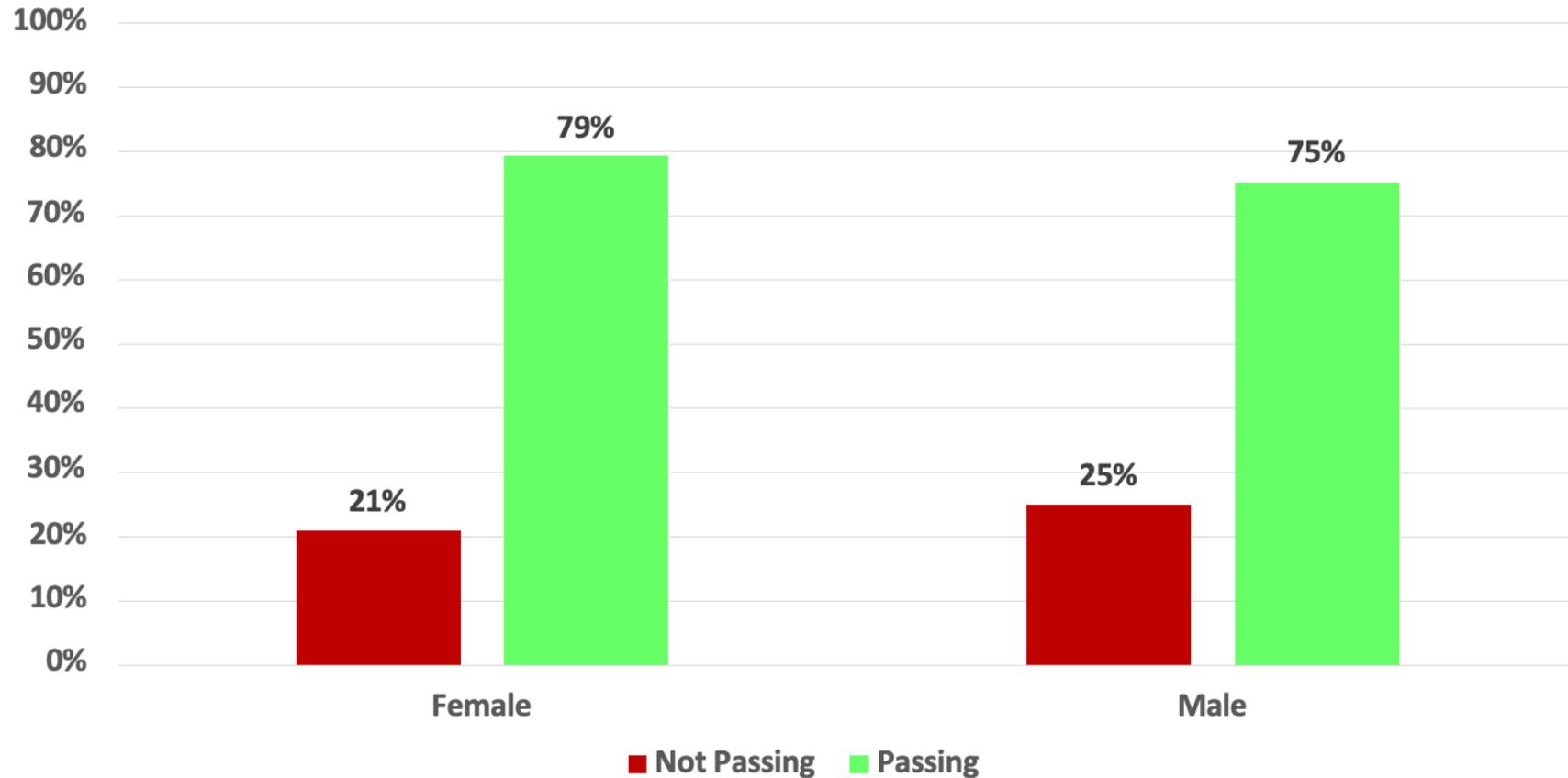
2021-22 NJGPA by Subgroup Race

Distribution by Achievement Level (All Subjects)



PRINCETON PUBLIC SCHOOLS
2021-22 NJGPA by Subgroup Gender

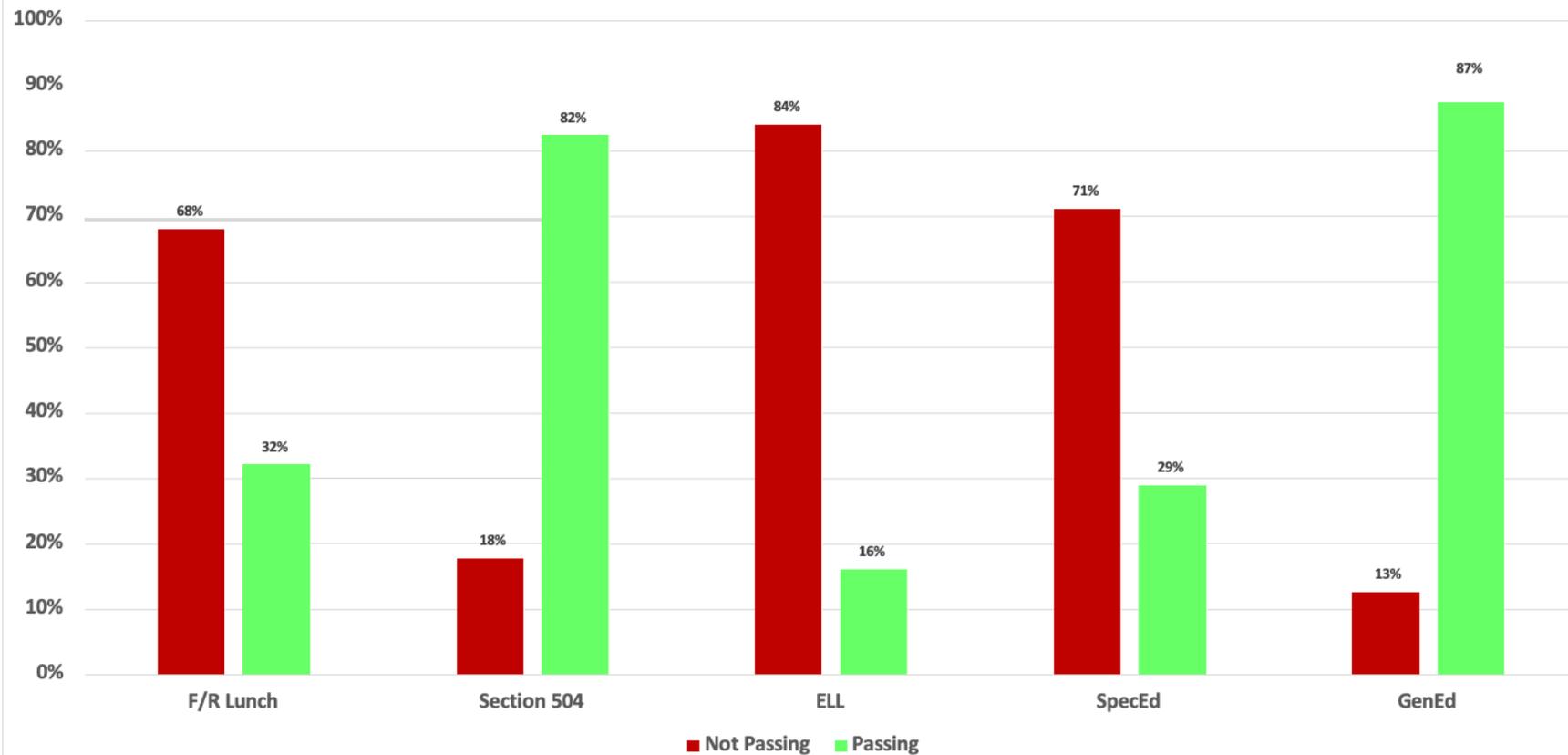
Distribution by Achievement Level (All Subjects)



PRINCETON PUBLIC SCHOOLS

2021-22 NJGPA by Subgroup Program

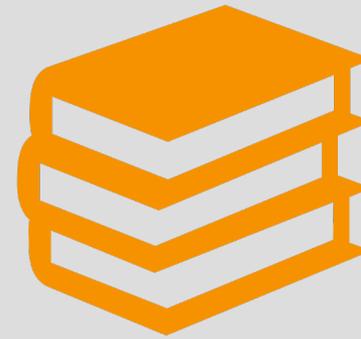
Distribution by Achievement Level (All Subjects)



NEXT STEPS



The same strategies that we're utilizing to support students from our Start Strong scores will be utilized for to strengthen student understanding for NJGPA



We've also rebooted our I&RS program to better identify students in need of support as well as instructional strategies and resources that meet their needs



QUESTIONS?

Thank you!