

2021-22 Start Strong Summary Results

District: Sayreville

Date: February 1, 2022

What is Start Strong?

“The Start Strong Assessment was developed in response to the disruption in education caused by the pandemic and was designed specifically to inform instruction going forward. Thus, all students are described as possibly needing support regardless of how well they perform on the Start Strong Assessment.

...should only be used with other supporting evidence (assignments, homework, etc.) when drawing conclusions about a student’s overall academic performance.”

NJDOE Start Strong Score Interpretation Guide

What is Start Strong?

Scoring:

- By amount of support that “may be needed”
 - Less support, some support or strong support needed
- By standard
 - Correct, incorrect, partial

Who was tested?

- ELA grades 4-10
- Math grades 4-8, Algebra I and II, Geometry
- Science Grades 6, 9 and 12

Based on a subset of prioritized prior-year academic standards

- Examples:
 - Grade 5 ELA Start Strong is aligned to a subset of the NJSLs for Grade 4 ELA.
 - Algebra I Start Strong is aligned to Grade 8 learning standards relevant to algebraic concepts.

What Start Strong is not

“not designed to predict future student performance on the NJSLA,
...nor was it designed to estimate what score a student would have gotten if they had taken the NJSLA in spring 2021.
...not a summative assessment of student learning following a period of instruction. ...does not cover the full breadth and depth of the NJSLS;”

“Districts **should not** compare any student/school/district Start Strong data to any state-level data for Start Strong, nor should comparisons be made to any NJSLA data.”

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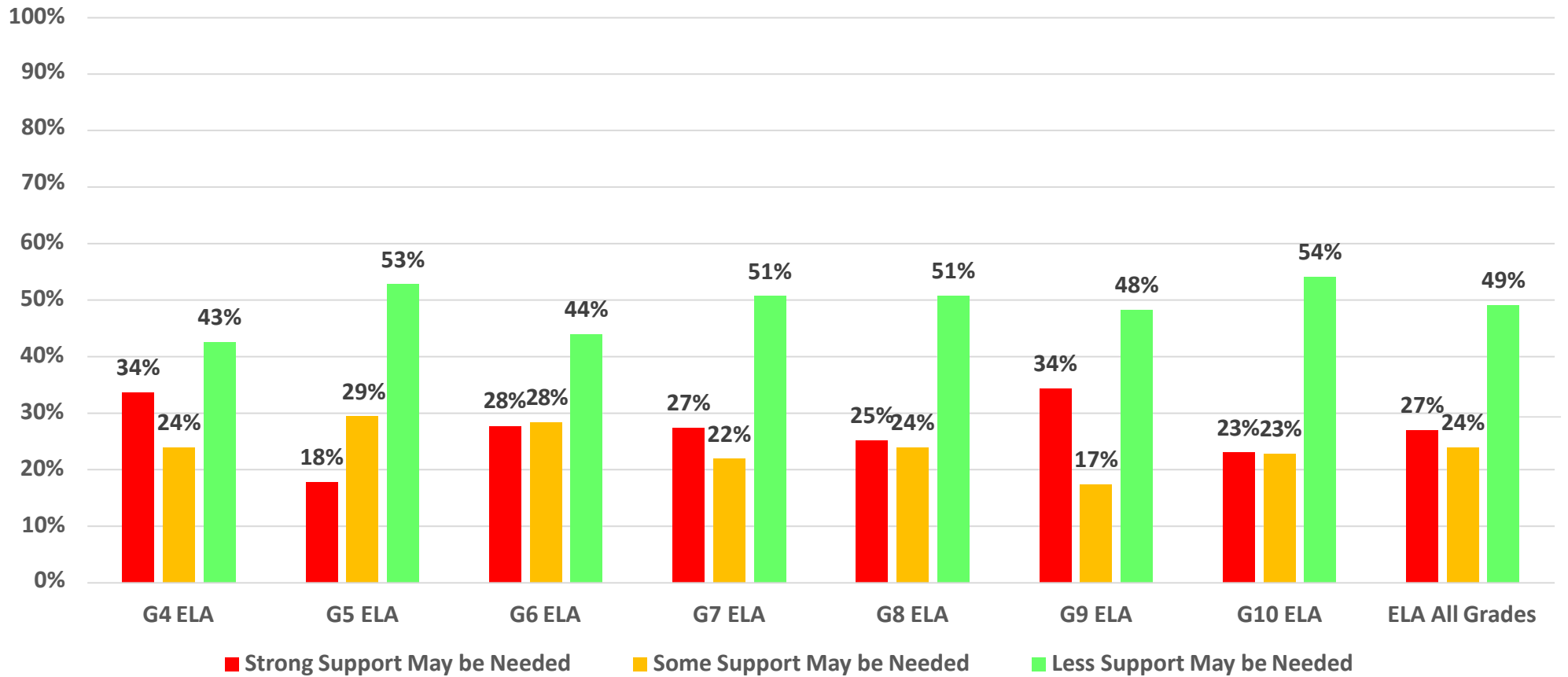
2021-22 Fall Start Strong ELA/Language Arts

Grade	Total # students Tested	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
		# of students	% of total	# of students	% of total	# of students	% of total
4	402	135	34%	96	24%	171	43%
5	415	74	18%	122	29%	219	53%
6	444	123	28%	126	28%	195	44%
7	420	115	27%	92	22%	213	51%
8	488	123	25%	117	24%	248	51%
9	431	148	34%	75	17%	208	48%
10	412	95	23%	94	23%	223	54%
All Grades	3,012	813	27%	722	24%	1,477	49%

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2021-22 Fall Start Strong ELA/Language Arts

Distribution by Achievement Level



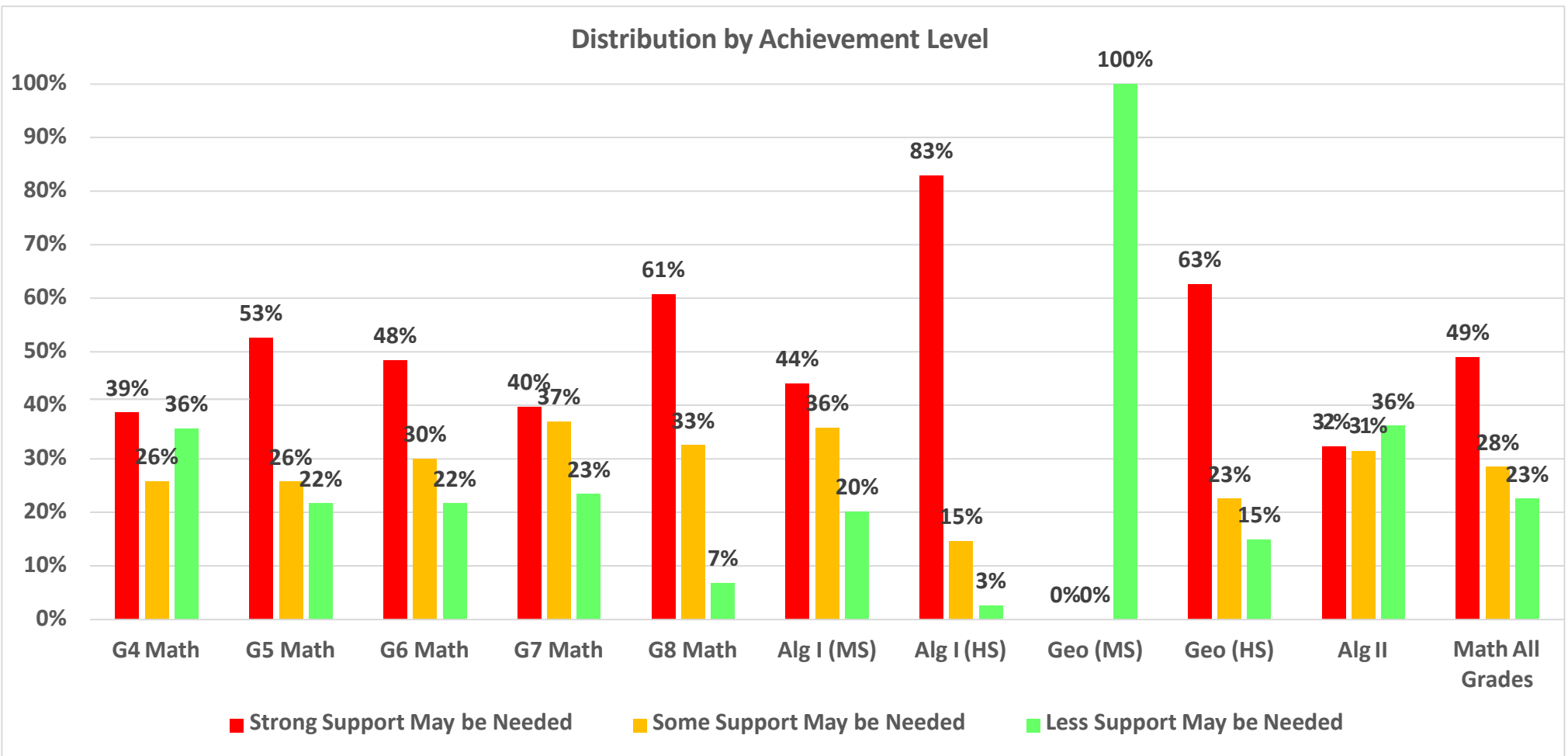
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2021-22 Fall Start Strong Mathematics

Grade	Total # students Tested	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
		# of students	% of total	# of students	% of total	# of students	% of total
4	404	156	39%	104	26%	144	36%
5	420	221	53%	108	26%	91	22%
6	444	215	48%	133	30%	96	22%
7	406	161	40%	150	37%	95	23%
8	206	125	61%	67	33%	14	7%
Alg I (MS)	279	123	44%	100	36%	56	20%
Alg I (HS)	198	164	83%	29	15%	5	3%
Geo (MS)	21	0	0%	0	0%	21	100%
Geo (HS)	417	261	63%	94	23%	62	15%
Alg II	343	111	32%	108	31%	124	36%
All Grades	3,138	1,537	49%	893	28%	708	23%

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2021-22 Fall Start Strong Mathematics



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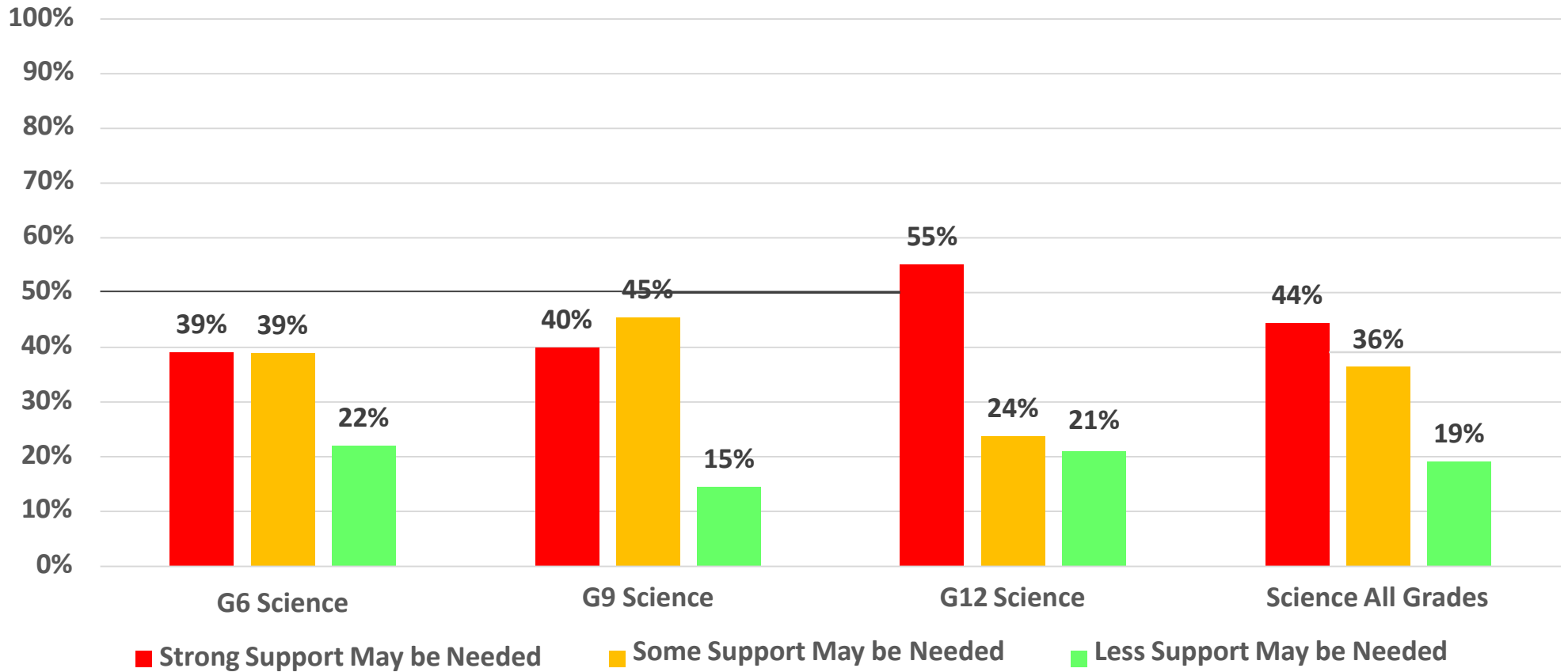
2021-22 Fall Start Strong Science

Grade	Total # students Tested	Support Levels					
		Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
		2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
		# of students	% of total	# of students	% of total	# of students	% of total
6	445	174	39%	173	39%	98	22%
9	433	173	40%	197	45%	63	15%
12	395	218	55%	94	24%	83	21%
All Grades	1,273	565	44%	464	36%	244	19%

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2021-22 Fall Start Strong Science

Distribution by Achievement Level



Demographic Analysis

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2021-22 Fall Start Strong Performance by Subgroup Race
ELA/Language Arts

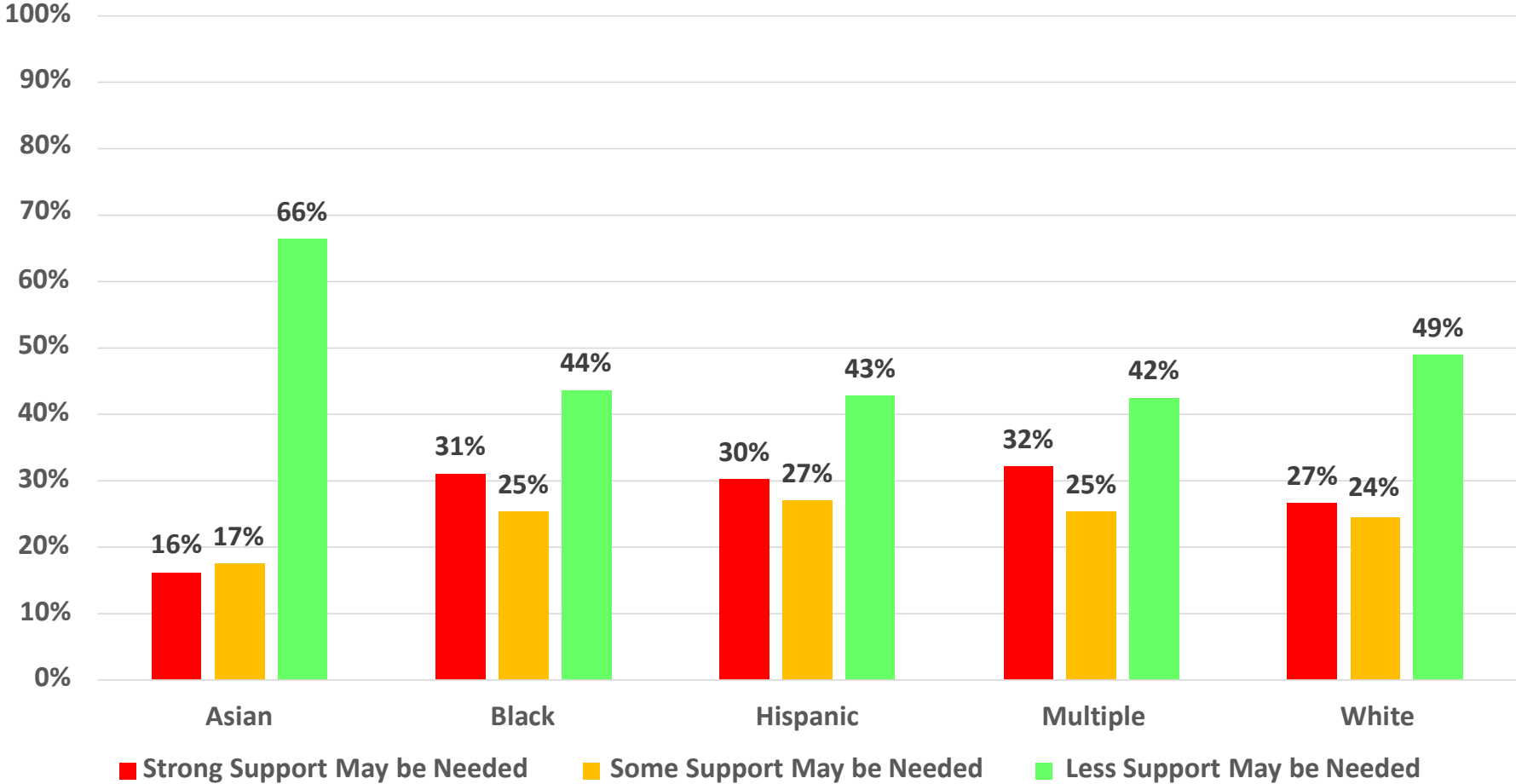
Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	Asian	148	18%	22	15%	28	19%	98	66%
	Black	129	16%	35	27%	35	27%	59	46%
	Hispanic	162	20%	45	28%	50	31%	67	41%
	Multiple	52	6%	17	33%	13	25%	22	42%
	Other	15	2%	9	60%	1	7%	5	33%
	White	311	38%	81	26%	91	29%	139	45%
	All Students	817		209	26%	218	27%	390	48%
MS (G6-G8)	Asian	226	17%	32	14%	41	18%	153	68%
	Black	214	16%	68	32%	58	27%	88	41%
	Hispanic	290	21%	89	31%	81	28%	120	41%
	Multiple	69	5%	21	30%	22	32%	26	38%
	Other	23	2%	9	39%	9	39%	5	22%
	White	530	39%	142	27%	124	23%	264	50%
	All Students	1,352		361	27%	335	25%	656	49%
HS (G9-G12)	Asian	129	15%	27	21%	19	15%	83	64%
	Black	143	17%	48	34%	30	21%	65	45%
	Hispanic	207	25%	65	31%	47	23%	95	46%
	Multiple	25	3%	9	36%	2	8%	14	56%
	Other	11	1%	6	55%	0	0%	5	45%
	White	328	39%	88	27%	71	22%	169	52%
	All Students	843		243	29%	169	20%	431	51%
All Grades	Asian	503	17%	81	16%	88	17%	334	66%
	Black	486	16%	151	31%	123	25%	212	44%
	Hispanic	659	22%	199	30%	178	27%	282	43%
	Multiple	146	5%	47	32%	37	25%	62	42%
	Other	49	2%	24	49%	10	20%	15	31%
	White	1,169	39%	311	27%	286	24%	572	49%
	All Students	3,012		813	27%	722	24%	1,477	49%

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2021-22 Fall Start Strong Performance by Subgroup Race

ELA/Language Arts

Distribution by Achievement Level (All Grades)



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2021-22 Fall Start Strong Performance by Subgroup **Race**

Mathematics

Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	Asian	149	18%	34	23%	30	20%	85	57%
	Black	132	16%	71	54%	29	22%	32	24%
	Hispanic	162	20%	99	61%	35	22%	28	17%
	Multiple	53	6%	31	58%	16	30%	6	11%
	Other	15	2%	7	47%	6	40%	2	13%
	White	313	38%	135	43%	96	31%	82	26%
	All Students	824		377	46%	212	26%	235	29%
MS (G6-G8)	Asian	226	17%	43	19%	77	34%	106	47%
	Black	214	16%	121	57%	71	33%	22	10%
	Hispanic	290	21%	162	56%	91	31%	37	13%
	Multiple	70	5%	36	51%	23	33%	11	16%
	Other	25	2%	20	80%	4	16%	1	4%
	White	531	39%	242	46%	184	35%	105	20%
	All Students	1,356		624	46%	450	33%	282	21%
HS (G9-G12)	Asian	124	13%	39	31%	28	23%	57	46%
	Black	177	18%	110	62%	45	25%	22	12%
	Hispanic	250	26%	160	64%	60	24%	30	12%
	Multiple	29	3%	17	59%	10	34%	2	7%
	Other	13	1%	9	69%	3	23%	1	8%
	White	365	38%	201	55%	85	23%	79	22%
	All Students	958		536	56%	231	24%	191	20%
All Grades	Asian	499	16%	116	23%	135	27%	248	50%
	Black	523	17%	302	58%	145	28%	76	15%
	Hispanic	702	22%	421	60%	186	26%	95	14%
	Multiple	152	5%	84	55%	49	32%	19	13%
	Other	53	2%	36	68%	13	25%	4	8%
	White	1,209	39%	578	48%	365	30%	266	22%
	All Students	3,138		1,537	49%	893	28%	708	23%

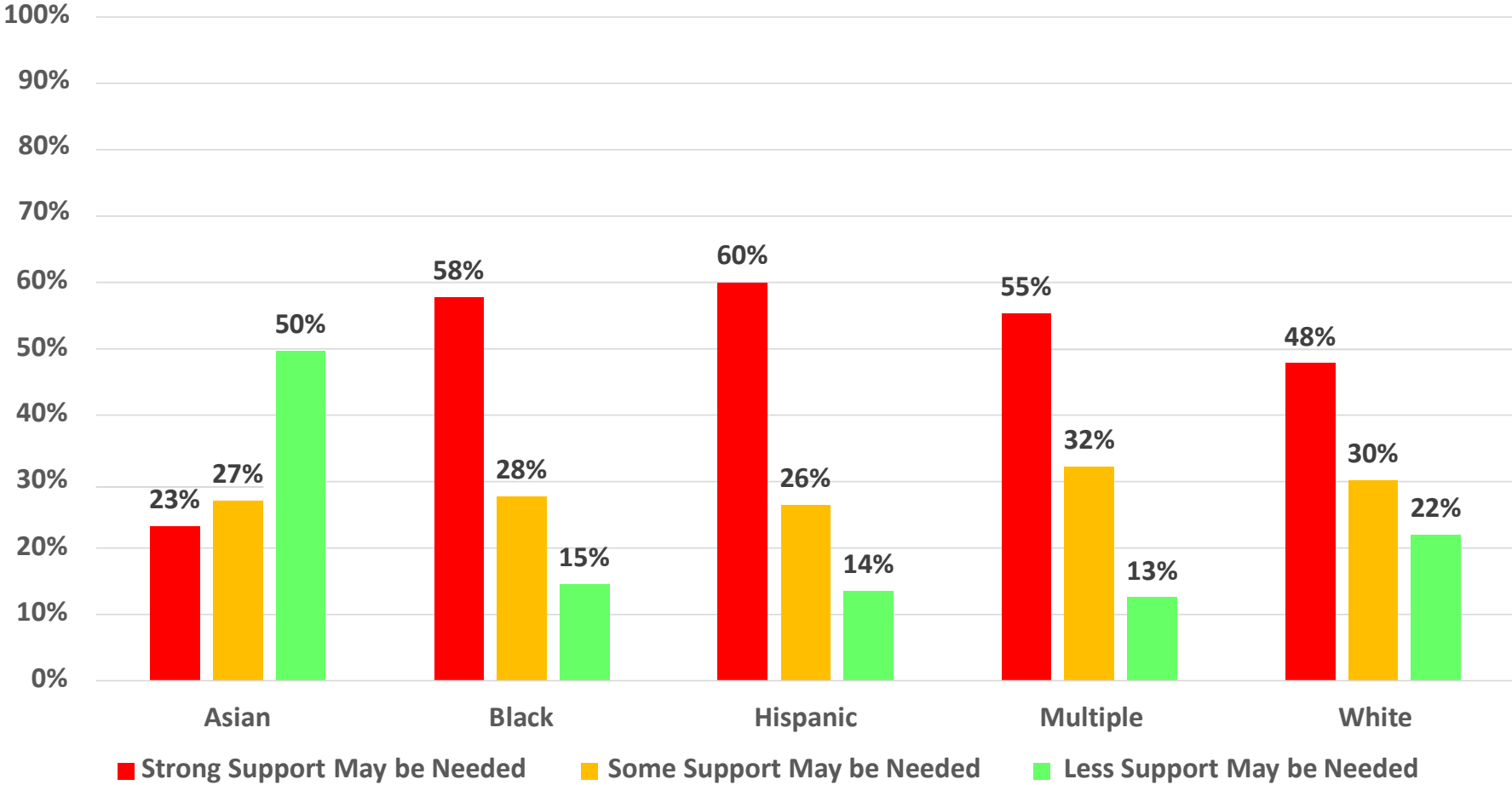
Middle School (MS) Grade Band includes any Algebra I or Geometry results taken in Middle School

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2021-22 Fall Start Strong Performance by Subgroup Race

Mathematics

Distribution by Achievement Level (All Grades)



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2021-22 Fall Start Strong Performance by Subgroup **Race**

Science

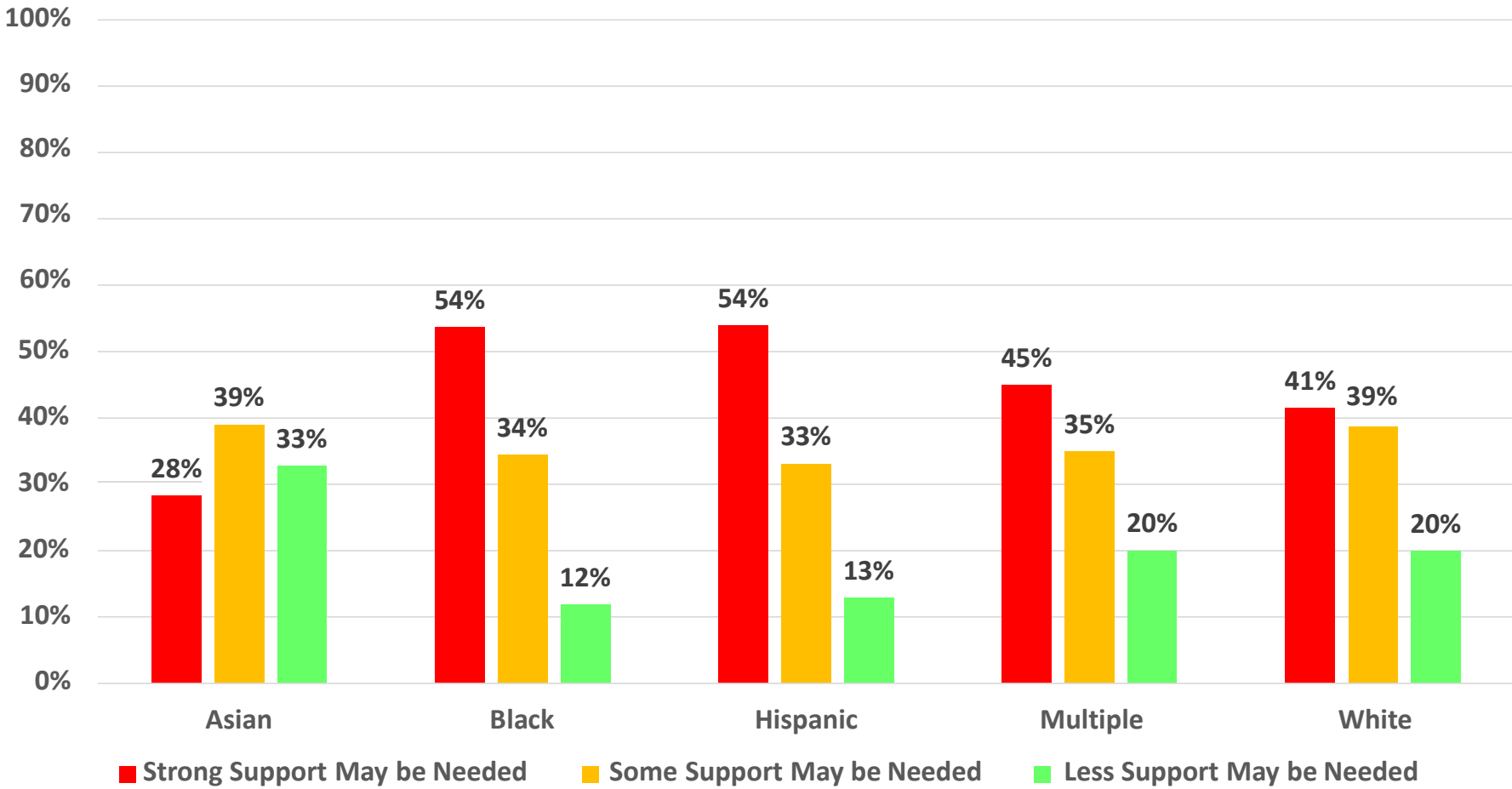
Grade Band	Race	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
MS (G6-G8)	Asian	78	18%	17	22%	34	44%	27	35%
	Black	55	12%	26	47%	20	36%	9	16%
	Hispanic	94	21%	43	46%	36	38%	15	16%
	Multiple	34	8%	14	41%	11	32%	9	26%
	Other	8	2%	8	100%	0	0%	0	0%
	White	176	40%	66	38%	72	41%	38	22%
	<i>All Students</i>	<i>445</i>		<i>174</i>	<i>39%</i>	<i>173</i>	<i>39%</i>	<i>98</i>	<i>22%</i>
HS (G9-G12)	Asian	145	18%	46	32%	53	37%	46	32%
	Black	148	18%	83	56%	50	34%	15	10%
	Hispanic	184	22%	107	58%	56	30%	21	11%
	Multiple	26	3%	13	50%	10	38%	3	12%
	Other	9	1%	4	44%	4	44%	1	11%
	White	316	38%	138	44%	118	37%	60	19%
	<i>All Students</i>	<i>828</i>		<i>391</i>	<i>47%</i>	<i>291</i>	<i>35%</i>	<i>146</i>	<i>18%</i>
All Grades	Asian	223	18%	63	28%	87	39%	73	33%
	Black	203	16%	109	54%	70	34%	24	12%
	Hispanic	278	22%	150	54%	92	33%	36	13%
	Multiple	60	5%	27	45%	21	35%	12	20%
	Other	17	1%	12	71%	4	24%	1	6%
	White	492	39%	204	41%	190	39%	98	20%
	<i>All Students</i>	<i>1,273</i>		<i>565</i>	<i>44%</i>	<i>464</i>	<i>36%</i>	<i>244</i>	<i>19%</i>

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2021-22 Fall Start Strong Performance by Subgroup Race

Science

Distribution by Achievement Level (All Grades)



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2021-22 Fall Start Strong Performance by Subgroup Program
ELA/Language Arts

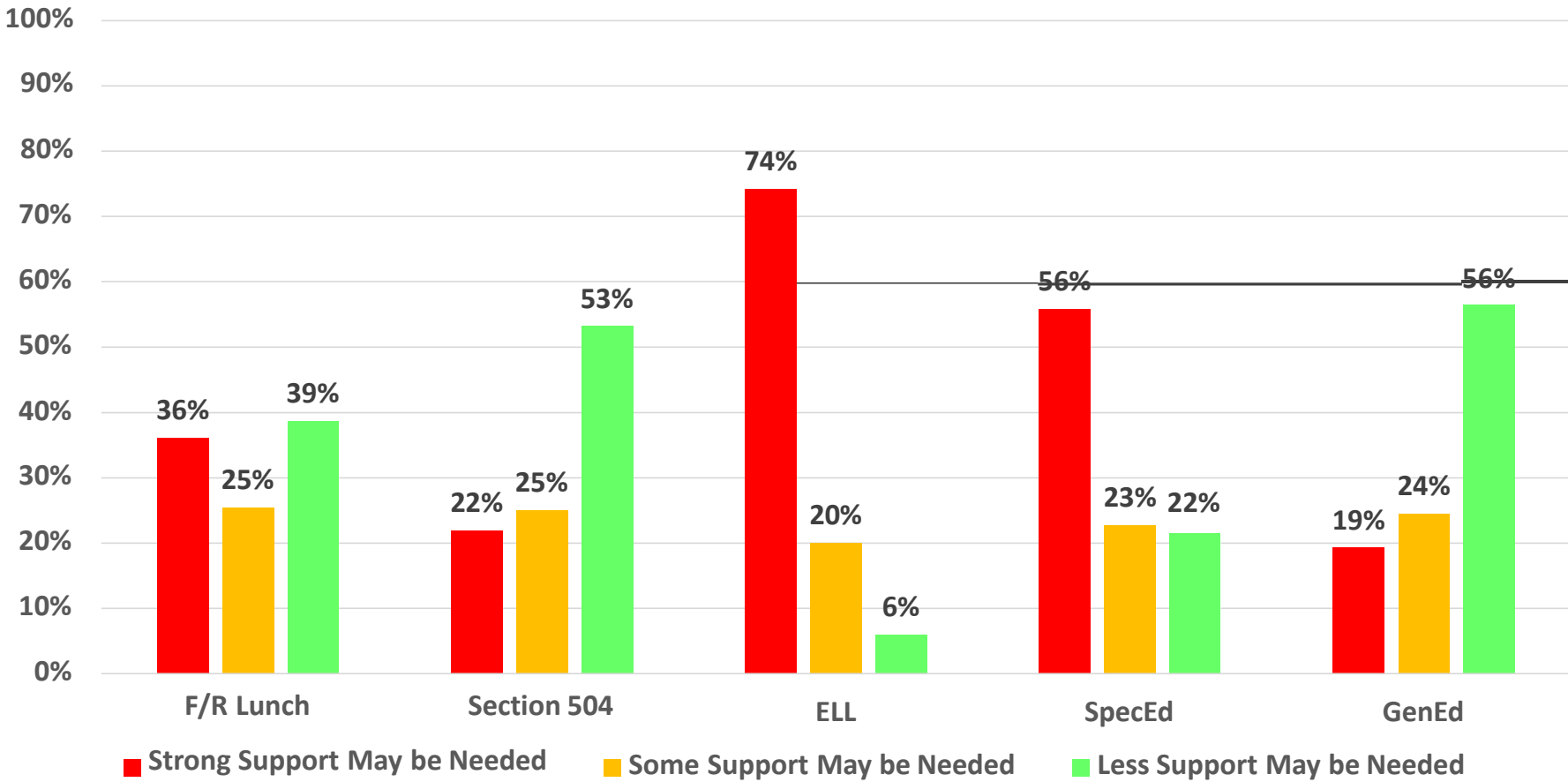
Grade Band	Program	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	F/R Lunch	269	33%	92	34%	77	29%	100	37%
	Section 504	34	4%	7	21%	11	32%	16	47%
	ELL	21	3%	13	62%	6	29%	2	10%
	SpecEd	146	18%	83	57%	33	23%	30	21%
	GenEd	651	80%	114	18%	179	27%	358	55%
	<i>All Students</i>	817		209	26%	218	27%	390	48%
MS (G6-G8)	F/R Lunch	447	33%	162	36%	117	26%	168	38%
	Section 504	44	3%	8	18%	10	23%	26	59%
	ELL	44	3%	34	77%	7	16%	3	7%
	SpecEd	240	18%	130	54%	61	25%	49	20%
	GenEd	1,069	79%	198	19%	267	25%	604	57%
	<i>All Students</i>	1,352		361	27%	335	25%	656	49%
HS (G9-G12)	F/R Lunch	260	31%	98	38%	53	20%	109	42%
	Section 504	18	2%	6	33%	3	17%	9	50%
	ELL	20	2%	16	80%	4	20%	0	0%
	SpecEd	130	15%	75	58%	23	18%	32	25%
	GenEd	693	82%	152	22%	142	20%	399	58%
	<i>All Students</i>	843		243	29%	169	20%	431	51%
All Grades	F/R Lunch	976	32%	352	36%	247	25%	377	39%
	Section 504	96	3%	21	22%	24	25%	51	53%
	ELL	85	3%	63	74%	17	20%	5	6%
	SpecEd	516	17%	288	56%	117	23%	111	22%
	GenEd	2,413	80%	464	19%	588	24%	1,361	56%
	<i>All Students</i>	3,012		813	27%	722	24%	1,477	49%

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2021-22 Fall Start Strong Performance by Subgroup Program

ELA/Language Arts

Distribution by Achievement Level (All Grades)



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2021-22 Fall Start Strong Performance by Subgroup Program
Mathematics

Grade Band	Program	Total # students Tested	% of students Tested	Support Levels					
				Strong Support May be Needed (Level 1)		Some Support May be Needed (Level 2)		Less Support May be Needed (Level 3)	
				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
ES (G4-G5)	F/R Lunch	269	33%	164	61%	56	21%	49	18%
	Section 504	34	4%	20	59%	10	29%	4	12%
	ELL	25	3%	19	76%	5	20%	1	4%
	SpecEd	146	18%	101	69%	29	20%	16	11%
	GenEd	654	79%	258	39%	178	27%	218	33%
	<i>All Students</i>	824		377	46%	212	26%	235	29%
MS (G6-G8)	F/R Lunch	450	33%	243	54%	151	34%	56	12%
	Section 504	44	3%	22	50%	12	27%	10	23%
	ELL	49	4%	37	76%	11	22%	1	2%
	SpecEd	240	18%	172	72%	51	21%	17	7%
	GenEd	1,068	79%	416	39%	388	36%	264	25%
	<i>All Students</i>	1,356		624	46%	450	33%	282	21%
HS (G9-G12)	F/R Lunch	319	33%	209	66%	71	22%	39	12%
	Section 504	21	2%	13	62%	5	24%	3	14%
	ELL	34	4%	32	94%	2	6%	0	0%
	SpecEd	158	16%	138	87%	16	10%	4	3%
	GenEd	766	80%	366	48%	213	28%	187	24%
	<i>All Students</i>	958		536	56%	231	24%	191	20%
All Grades	F/R Lunch	1,038	33%	616	59%	278	27%	144	14%
	Section 504	99	3%	55	56%	27	27%	17	17%
	ELL	108	3%	88	81%	18	17%	2	2%
	SpecEd	544	17%	411	76%	96	18%	37	7%
	GenEd	2,488	79%	1,040	42%	779	31%	669	27%
	<i>All Students</i>	3,138		1,537	49%	893	28%	708	23%

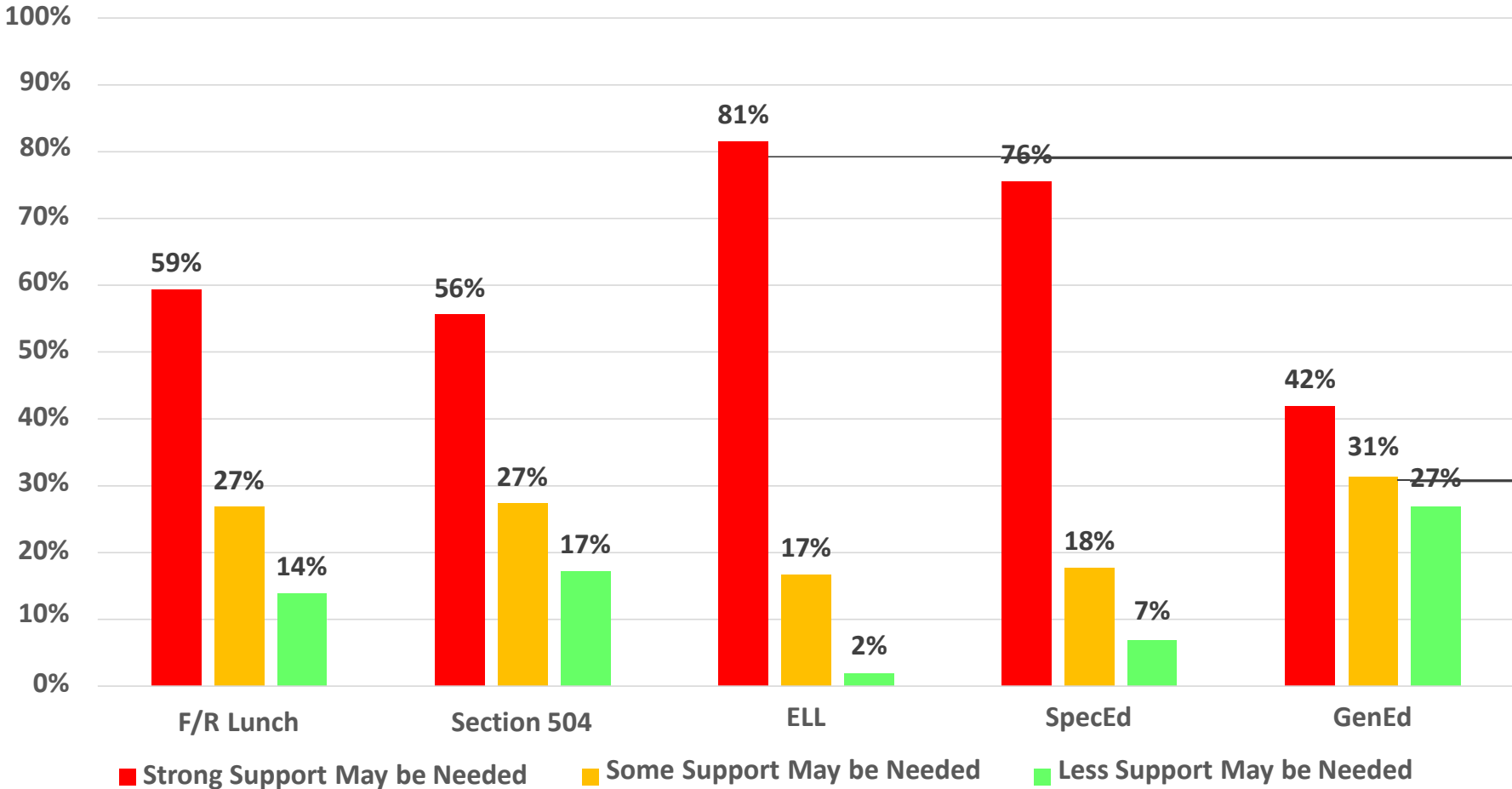
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2021-22 Fall Start Strong Performance by Subgroup Program

Mathematics

Distribution by Achievement Level (All Grades)



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2021-22 Fall Start Strong Performance by Subgroup Program

Science

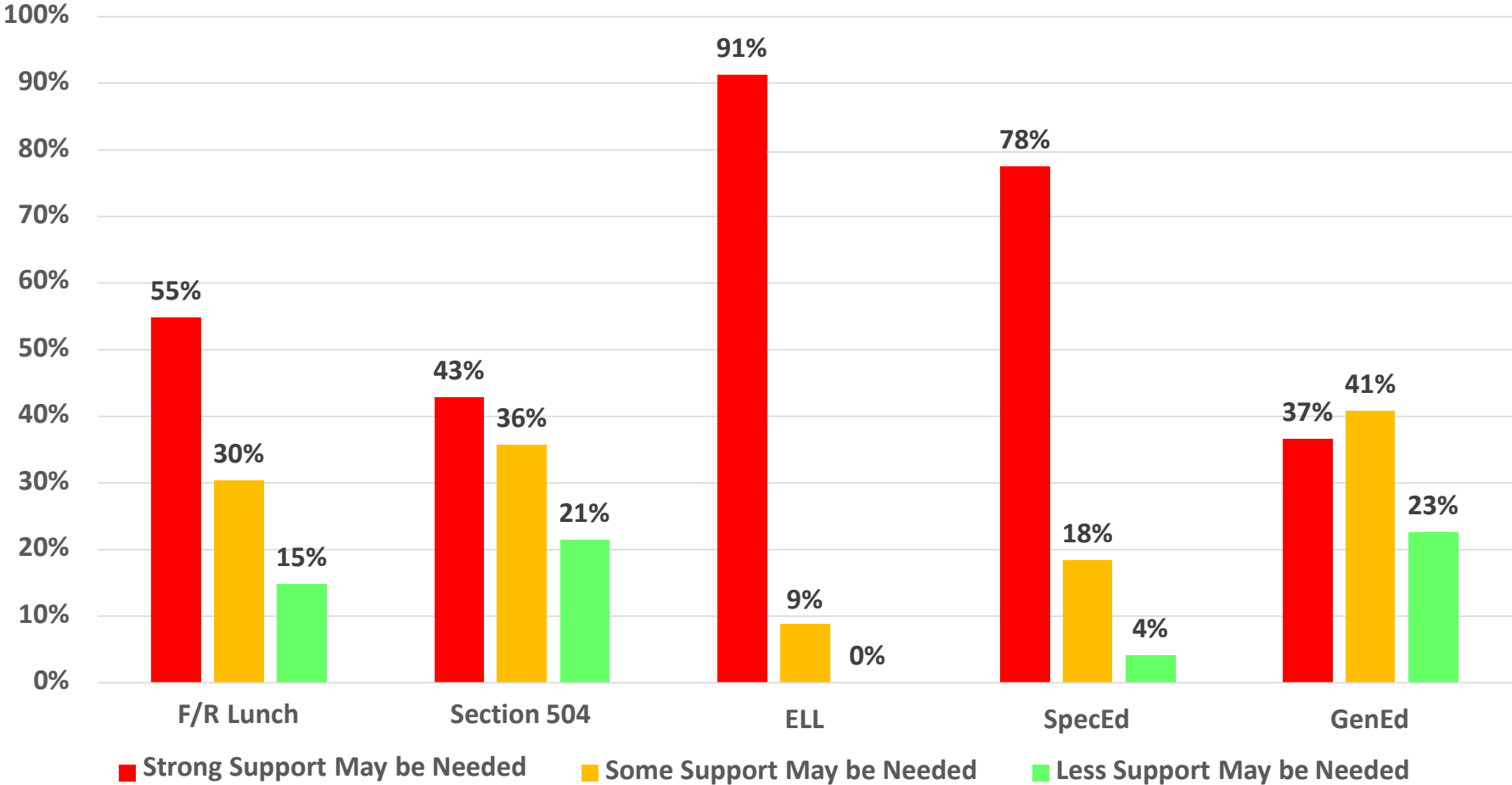
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				2021-22	2021-22	2021-22	2021-22	2021-22	2021-22
				# of students	% of total	# of students	% of total	# of students	% of total
MS (G6-G8)	F/R Lunch	150	34%	81	54%	44	29%	25	17%
	Section 504	19	4%	7	37%	8	42%	4	21%
	ELL	17	4%	14	82%	3	18%	0	0%
	SpecEd	69	16%	53	77%	13	19%	3	4%
	GenEd	359	81%	107	30%	157	44%	95	26%
	<i>All Students</i>	445		174	39%	173	39%	98	22%
HS (G9-G12)	F/R Lunch	255	31%	141	55%	79	31%	35	14%
	Section 504	23	3%	11	48%	7	30%	5	22%
	ELL	17	2%	17	100%	0	0%	0	0%
	SpecEd	127	15%	99	78%	23	18%	5	4%
	GenEd	684	83%	275	40%	268	39%	141	21%
	<i>All Students</i>	828		391	47%	291	35%	146	18%
All Grades	F/R Lunch	405	32%	222	55%	123	30%	60	15%
	Section 504	42	3%	18	43%	15	36%	9	21%
	ELL	34	3%	31	91%	3	9%	0	0%
	SpecEd	196	15%	152	78%	36	18%	8	4%
	GenEd	1,043	82%	382	37%	425	41%	236	23%
	<i>All Students</i>	1,273		565	44%	464	36%	244	19%

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2021-22 Fall Start Strong Performance by Subgroup Program

Science

Distribution by Achievement Level (All Grades)



Intervention Strategies Based on Data

- Supervisors immediately began analyzing the data and focused on data analysis at department meetings
- Use of data across departments and grade levels
 - Identify trends in performance based on state standards
 - Focus on specific standards in need of attention
- Ongoing benchmark assessments
- Math and Literacy Academies for general education and special education students
- ELL afterschool tutorials
- Academic Support Instruction (ASI)
- Tier 3 interventions through RTI process
- Middle School Afterschool Homework Help
- Targeted classroom instruction through small groups