



State Report Card 2016-2017

2017 *Pennsylvania Alternate System of Assessment (PASA)* Reading, Math, and Science Statewide Results

A Statewide Assessment for Students with Significant Cognitive Disabilities

Executive Summary

This report summarizes results of the 2017 *Pennsylvania Alternate System of Assessment (PASA)* reading, math, and science assessments. The report is divided into two major sections: Section 1 presents demographic information about students assessed and Section 2 presents the assessment outcomes. Statewide summary data are provided first, followed by detailed data disaggregated by grade level and level of the test administered.

Overall, a total of 18,697 students were assessed in reading, math, or science. The majority of the students assessed were male, white/not Hispanic, with a primary disability being intellectual disability, or autism. Outcome data presented include the numbers of items assessed, mean rubric scores for categories of items, numbers and percentages of students performing in the four performance categories, and numbers and percentages of students in various demographic categories performing in the four different performance categories. Three-year comparisons for student performance levels are also provided.

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Demographic Information about Students Assessed

Table 1. Total Number of Students Assessed in Reading, Math, and Science at Each Assessment Level

PASA Test	Level A	Level B	Level C	Total
Reading	8699	6822	3051	18572
Math	8992	6534	3021	18547
	Tier 1	Tier 2		
Science	3318	4100		7418

Table 2. Number of Students Assessed in Reading, Math, and Science at Each Grade Level as Percentage of Tested State Population

Grade	Reading			Math			Science		
	n	% PASA	% PSSA	n	% PASA	% PSSA	n	% PASA	% PSSA
3	2594	14	2.1	2592	14	2.1			
4	2784	15	2.2	2784	15	2.2	2682	36.2	2.1
5	2758	14.9	2.2	2765	14.9	2.2			
6	2745	14.8	2.2	2741	14.8	2.2			
7	2733	14.7	2.2	2724	14.7	2.2			
8	2669	14.4	2.2	2662	14.4	2.2	2574	34.7	2.1
11	2289	12.3	1.9	2279	12.3	1.8	2162	29.1	1.8

Participation by Gender

Table 3. Number and Percentage of Males and Females Assessed by Content and Test Level

Level	Male	% Males within Reading Level	% Males within Gender	Female	% Females within Reading Level	% Females within Gender	Total
Reading							
A	5884	47.2	67.6	2814	46	32.4	8698
B	4585	36.8	67.2	2235	36.6	32.8	6820
C	1988	16.0	65.2	1062	17.4	34.8	3050
Total	12457	100		6111	100		18568
Math							
A	6001	48.2	66.7	2990	49	33.3	8991
B	4364	35.1	66.8	2168	35.5	33.2	6532
C	2079	16.7	68.8	941	15.4	31.2	3020
Total	12444	100		6099	100		18543
Science							
Tier 1	2174	44.5	65.5	1143	45.1	34.5	3317
Tier 2	2711	55.5	66.1	1389	54.9	33.9	4100
Total	4885	100		2532	100		7417

Participation by Primary Disability

Table 4. Number and Percentage of Students Assessed by Primary Disability - Reading

Primary Disability	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Autism	6172	33.2	3100	35.6	2110	30.9	962	31.5
Deaf-Blind	27	0.1	24	0.3	3	0	0	0
Deafness / Hearing Impairment	108	0.6	57	0.7	33	0.5	18	0.6
Emotional Disturbance	338	1.8	119	1.4	143	2.1	76	2.5
Intellectual Disability	7228	38.9	3359	38.6	2877	42.2	992	32.5
Learning Disability	1782	9.6	341	3.9	844	12.4	597	19.6
Multiple Disabilities	1230	6.6	1072	12.3	124	1.8	34	1.1
Orthopedic Impairment	112	0.6	44	0.5	52	0.8	16	0.5
Other Health Impairment	1198	6.5	377	4.3	522	7.7	299	9.8
Speech / Language Impairment	124	0.7	40	0.5	50	0.7	34	1.1
Traumatic Brain Injury	89	0.5	40	0.5	34	0.5	15	0.5
Visual Impairment	164	0.9	126	1.4	30	0.4	8	0.3
TOTAL	18572	100	8699	100	6822	100	3051	100

Table 5. Number and Percentage of Students Assessed by Primary Disability - Math

Primary Disability	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Autism	6164	33.2	3146	35	2064	31.5	954	31.6
Deaf-Blind	26	0.1	22	0.2	4	0.1	0	0
Deafness / Hearing Impairment	107	0.6	55	0.6	37	0.6	15	0.5
Emotional Disturbance	338	1.8	122	1.4	146	2.2	70	2.3
Intellectual Disability	7227	39	3576	39.8	2734	41.8	917	30.4
Learning Disability	1784	9.6	337	3.7	771	11.8	676	22.4
Multiple Disabilities	1231	6.6	1089	12.1	117	1.8	25	0.8
Orthopedic Impairment	113	0.6	51	0.6	48	0.7	14	0.5
Other Health Impairment	1196	6.4	403	4.5	500	7.7	293	9.7
Speech / Language Impairment	124	0.7	37	0.4	54	0.8	33	1.1
Traumatic Brain Injury	89	0.5	40	0.4	33	0.5	16	0.5
Visual Impairment	148	0.8	114	1.3	26	0.4	8	0.3
TOTAL	18547	100	8992	100	6534	100	3021	100

Table 6. Number and Percentage of Students Assessed by Primary Disability - Science

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	2228	30.5	1076	32.4	1152	28.1
Deaf-Blind	9	0.1	7	0.2	2	0
Deafness / Hearing Impairment	47	0.6	30	0.9	17	0.4
Emotional Disturbance	161	2.2	49	1.5	112	2.7
Intellectual Disability	3120	42.7	1390	41.9	1730	42.2
Learning Disability	735	10.1	115	3.5	620	15.1
Multiple Disabilities	469	6.4	415	12.5	54	1.3
Orthopedic Impairment	47	0.6	19	0.6	28	0.7
Other Health Impairment	336	4.6	130	3.9	316	7.7
Speech / Language Impairment	39	0.5	12	0.4	27	0.7
Traumatic Brain Injury	44	0.6	19	0.6	25	0.6
Visual Impairment	73	1	56	1.7	17	0.4
TOTAL	7308	100	3318	100	4100	100

Table 7. Disability Designation for Students taking the PASA for the first time in 2017 (excluding 3rd graders)

Primary Disability	Taking PASA for first time in 2017		Students taking PASA in 2017	
	n	%	n	%
Autism	1396	33.3	6202	33.2
Deaf-Blind	5	0.1	27	0.1
Deafness / Hearing Impairment	35	0.8	112	0.6
Emotional Disturbance	106	2.5	344	1.8
Intellectual Disability	1454	34.7	7282	38.9
Learning Disability	533	12.7	1793	9.6
Multiple Disabilities	228	5.4	1243	6.6
Orthopedic Impairment	17	0.4	114	0.6
Other Health Impairment	323	7.7	1202	6.4
Speech / Language Impairment	39	0.9	124	0.7
Traumatic Brain Injury	21	0.5	89	0.5
Visual Impairment	32	0.8	165	0.9
TOTAL	4189	100	18697	100

Table 8. Counts of Examinees taking the PASA for the first time in 2017 by Content and Test Level

Level	n	%
Reading		
A	2409	58.1
B	1196	28.8
C	541	13
Total	4146	
Math		
A	2430	58.5
B	1212	29.2
C	514	12.4
Total	4156	
Science		
Tier 1	289	36
Tier 2	513	64
Total	802	

Participation by Ethnicity

Table 9. Number and Percentage of Students Assessed by Ethnicity - Reading

Ethnicity	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
African American/Black	4264	23	1990	22.9	1658	24.3	616	20.2
Asian/Pacific Islander	512	2.8	286	3.3	150	2.2	76	2.5
Latino/Hispanic – American	2225	12	1185	13.6	758	11.1	282	9.2
Multi-Racial/Ethnic	803	4.3	418	4.8	292	4.3	93	3
Native American/Alaskan	28	0.2	12	0.1	11	0.2	5	0.2
White / Not Hispanic	10740	57.8	4808	55.3	3953	57.9	1979	64.9

Table 10. Number and Percentage of Students Assessed by Ethnicity - Math

Ethnicity	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
African American/Black	4255	22.9	2065	23	1605	24.6	585	19.4
Asian/Pacific Islander	516	2.8	289	3.2	145	2.2	82	2.7
Latino/Hispanic – American	2231	12	1215	13.5	720	11	296	9.8
Multi-Racial/Ethnic	803	4.3	423	4.7	280	4.3	100	3.3
Native American/Alaskan	28	0.2	13	0.1	11	0.2	4	0.1
White / Not Hispanic	10714	57.8	4987	55.5	3773	57.7	1954	64.7

Table 11. Number and Percentage of Students Assessed by Ethnicity - Science

Ethnicity	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
African American/Black	1592	21.5	722	21.8	870	21.2
Asian/Pacific Islander	196	2.6	107	3.2	89	2.2
Latino/Hispanic – American	810	10.9	385	11.6	425	10.4
Multi-Racial/Ethnic	300	4	158	4.8	142	3.5
Native American/Alaskan	7	0.1	2	0.1	5	0.1
White / Not Hispanic	4513	60.8	1944	58.6	2569	62.7

Participation by Economic Status

Table 12. Number and Percentage of Students Assessed who are Economically Disadvantaged by Content at Each Test Level

Content	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Reading	11451	61.7	5129	59	4433	65	1889	61.9
Math	11451	61.7	5310	59.1	4257	65.2	1884	62.4
			Tier 1		Tier 2			
Science	4485	60.5	1892	57	2593	63.2		

Participation by LEP Students

Table 13. Number and Percentage of Students Assessed with Limited English Proficiency by Content at Each Test Level

Content	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Reading	991	5.3	502	5.8	364	5.3	125	4.1
Math	1008	5.4	525	5.8	344	5.3	139	4.6
			Tier 1		Tier 2			
Science	374	5	175	5.3	199	4.9		

Table 14. Number and Percentage of Students Assessed with Limited English Proficiency by Primary Disability Category - Reading

Primary Disability	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Autism	246	24.8	136	27.1	79	21.7	31	24.8
Deaf-Blind	1	0.1	1	0.2	0	0	0	0
Deafness / Hearing Impairment	9	0.9	5	1	3	0.8	1	0.8
Emotional Disturbance	9	0.9	3	0.6	5	1.4	1	0.8
Intellectual Disability	415	41.9	225	44.8	153	42	37	29.6
Learning Disability	171	17.3	54	10.8	81	22.3	36	28.8
Multiple Disabilities	41	4.1	34	6.8	6	1.6	1	0.8
Orthopedic Impairment	4	0.4	2	0.4	2	0.5	0	0
Other Health Impairment	73	7.4	32	6.4	25	6.9	16	12.8
Speech / Language Impairment	13	1.3	4	0.8	7	1.9	2	1.6
Traumatic Brain Injury	5	0.5	2	0.4	3	0.8	0	0
Visual Impairment	4	0.4	4	0.8	0	0	0	0

Table 15. Number and Percentage of Students Assessed with Limited English Proficiency by Primary Disability Category - Math

Primary Disability	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Autism	251	24.9	147	28	70	20.3	34	24.5
Deaf-Blind	1	0.1	1	0.2	0	0	0	0
Deafness / Hearing Impairment	9	0.9	5	1	3	0.9	1	0.7
Emotional Disturbance	9	0.9	4	0.8	4	1.2	1	0.7
Intellectual Disability	422	41.9	232	44.2	152	44.2	38	27.3
Learning Disability	174	17.3	54	10.3	77	22.4	43	30.9
Multiple Disabilities	42	4.2	35	6.7	6	1.7	1	0.7
Orthopedic Impairment	5	0.5	3	0.6	2	0.6	0	0
Other Health Impairment	73	7.2	35	6.7	22	6.4	16	11.5
Speech / Language Impairment	13	1.3	3	5.7	5	1.5	5	3.6
Traumatic Brain Injury	5	0.5	2	0.4	3	0.9	0	0
Visual Impairment	4	0.4	4	0.8	0	0	0	0

Table 16. Number and Percentage of Students Assessed with Limited English Proficiency by Primary Disability Category - Science

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	73	19.5	40	22.9	33	16.6
Deaf-Blind	0	0	0	0	0	0
Deafness / Hearing Impairment	4	1.1	4	2.3	0	0
Emotional Disturbance	6	1.6	2	1.1	4	2
Intellectual Disability	178	47.6	88	50.3	90	45.2
Learning Disability	66	17.6	13	7.4	53	26.6
Multiple Disabilities	13	3.5	11	6.3	2	1
Orthopedic Impairment	1	0.3	1	0.6	0	0
Other Health Impairment	22	5.9	9	5.1	13	6.5
Speech / Language Impairment	4	1.1	1	0.6	3	1.5
Traumatic Brain Injury	4	1.1	3	1.7	1	0.5
Visual Impairment	3	0.8	3	1.7	0	0

Students who Required Accommodations

Table 177. Number of Students using Accommodated Versions of the 2017 PASA¹

	Reading			Math		
	Level A	Level B	Level C	Level A	Level B	Level C
Grade 3						
Tactile Version	111	8	2	112	7	2
Deaf & Hard of Hearing Version	36	2	0	0	0	0
Grade 4						
Tactile Version	124	11	1	124	11	1
Deaf & Hard of Hearing Version	33	8	1	0	0	0
Grade 5						
Tactile Version	95	12	3	97	11	3
Deaf & Hard of Hearing Version	36	14	4	0	0	0
Grade 6						
Tactile Version	100	20	9	99	20	8
Deaf & Hard of Hearing Version	28	15	9	0	0	0
Grade 7						
Tactile Version	77	24	8	75	19	8
Deaf & Hard of Hearing Version	25	21	12	0	0	0
Grade 8						
Tactile Version	69	22	5	68	15	8
Deaf & Hard of Hearing Version	25	21	12	0	0	0
Grade 11						
Tactile Version	78	21	11	78	21	9
Deaf & Hard of Hearing Version	25	13	7	0	0	0
Total						
Tactile Version	654	118	39	653	104	39
Deaf & Hard of Hearing Version	208	85	42	0	0	0

¹ PASA-Science does not offer alternate versions of the assessment due to the universal design of the assessment. Students take the standard version of the assessment using accommodations outlined in their IEPs.

Table 188. Number of Students using Specific Accommodations on the 2017 PASA-Science

Accommodation	Overall	Tier 1	Tier 2
Grade 4			
Used objects	20	19	1
Used sign language	41	36	5
Grade 8			
Used objects	9	8	1
Used sign language	57	29	28
Grade 11			
Used objects	10	7	3
Used sign language	45	26	19
Total			
Used objects	39	34	5
Used sign language	143	91	52

Section 2 – 2017 PASA Assessment Outcomes²

Testing Terminated

Table 199. Number and Percentage of Students Assessed by Content whose Assessments were Terminated Prior to Completion³

Content	Overall		Level A		Level B		Level C	
	n	%	n	%	n	%	n	%
Reading	680	3.5	664	7.2	16	0.2	0	0.0
Math	745	3.8	724	7.6	21	0.3	0	0.0
			Tier 1		Tier 2			
Science	464	2.4	449	12.1	15	0.3		

² All tables in this section with the exception of Table 19 include all students who attempted the test whether or not the test was completed.

³ If the student is unable to participate meaningfully in the PASA tests despite the accommodations and modifications provided, assessors may discontinue the test. Lack of meaningful participation is demonstrated by three consecutive skills in which the student is only passively participating in the first 4 items of the test. Assessors may also discontinue testing for a medical emergency or if the student is engaging in self-injurious or dangerous behavior.

Cut Scores

Table 20. Cut Scores and 2017 Test Mean by Grade Level - Reading

Level	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 3				
Level A	95	101	106	101
Level B	295	300	305	303
Level C	501	503	511	502
Grade 4				
Level A	97	101	107	102
Level B	295	301	305	308
Level C	501	505	511	509
Grade 5				
Level A	97	102	112	99
Level B	295	301	309	304
Level C	502	505	515	508
Grade 6				
Level A	97	102	113	99
Level B	302	305	309	310
Level C	504	506	515	513
Grade 7				
Level A	97	104	113	98
Level B	302	305	310	308
Level C	504	508	516	516
Grade 8				
Level A	98	105	113	99
Level B	303	305	314	310
Level C	505	514	520	517
Grade 11				
Level A	100	107	113	100
Level B	303	307	315	310
Level C	510	520	523	525

Table 21. Cut Scores and 2017 Test Mean by Grade Level - Math

Level	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 3				
Level A	91	95	104	95
Level B	288	298	306	297
Level C	493	497	511	496
Grade 4				
Level A	91	96	105	95
Level B	292	298	308	303
Level C	494	502	511	504
Grade 5				
Level A	94	102	109	96
Level B	295	301	310	305
Level C	495	503	514	508
Grade 6				
Level A	97	102	110	95
Level B	296	303	311	303
Level C	498	505	515	506
Grade 7				
Level A	100	102	111	96
Level B	299	303	311	304
Level C	504	509	518	508
Grade 8				
Level A	101	105	115	97
Level B	300	309	317	308
Level C	506	512	521	511
Grade 11				
Level A	102	106	116	97
Level B	305	313	320	306
Level C	508	512	529	510

Table 22. Cut Scores and 2017 Test Mean by Grade Level - Science

Level	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 4				
Tier 1	300	400	662	397
Tier 2	300	400	496	387
Grade 8				
Tier 1	300	400	602	356
Tier 2	300	400	545	408
Grade 11				
Tier 1	300	400	610	341
Tier 2	300	400	533	405

Performance Levels Overall by Subject and Test Level

Table 233. Number and Percentage of Students Classified at Each Performance Level

Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
A	2351	27	1698	19.5	1430	16.4	3220	37
B	3034	44.5	1518	22.3	873	12.8	1397	20.5
C	1520	49.8	785	25.7	386	12.7	360	11.8
Total	6905	37.2	4001	21.5	2689	14.5	4977	26.8
Math								
A	1555	17.3	1944	21.6	1611	17.9	3882	43.2
B	1639	25.1	2027	31	1688	25.8	1180	18.1
C	631	20.9	1299	43	629	20.8	462	15.3
Total	3825	20.6	5270	28.4	3928	21.1	5524	29.8
Science								
Tier 1	86	2.6	1185	35.7	822	24.8	1225	36.9
Tier 2	131	3.2	2045	49.9	1733	42.3	191	4.7
Total	217	2.9	3230	43.5	2555	34.4	1416	19.1

Performance Levels Overall by Gender

Table 24. Number and Percentage of Students Classified at Each Performance Level by Gender

Male								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
A	1621	27.5	1102	18.7	985	16.7	2176	37.0
B	2072	45.2	982	21.4	572	12.5	959	20.9
C	1013	51.0	480	24.1	233	11.7	262	13.2
Total	4706	37.8	2564	20.6	1790	14.4	3397	27.3
Math								
A	1066	17.8	1254	20.9	1099	18.3	2583	43.0
B	1139	26.1	1346	30.8	1094	25.1	785	18.0
C	457	22.0	868	41.8	443	21.3	311	15.0
Total	2662	21.4	3468	27.9	2636	21.2	3679	29.6
Science								
Tier 1	64	2.9	757	34.8	518	23.8	836	38.4
Tier 2	88	3.2	1435	52.9	1067	39.4	121	4.5
Total	152	3.1	2192	44.9	1585	32.4	957	19.6
Female								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
A	730	25.9	596	21.2	445	15.8	1043	37.1
B	960	43.0	536	24.0	301	13.5	438	19.6
C	506	47.6	305	28.7	153	14.4	98	9.2
Total	2196	35.9	1437	23.5	899	14.7	1579	25.8
Math								
A	489	16.4	690	23.1	512	17.1	1299	43.4
B	498	23.0	681	31.4	594	27.4	395	18.2
C	173	18.4	431	45.8	186	19.8	151	16.0
Total	1160	19.0	1802	29.5	1292	21.2	1845	30.3
Science								
Tier 1	22	1.9	428	37.4	304	26.6	389	34.0
Tier 2	43	3.1	610	43.9	666	47.9	70	5.0
Total	65	2.6	1038	41.0	970	38.3	459	18.1

Performance Levels Overall by Primary Disability

Table 25. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Reading

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	6172	30.9	19.1	16.5	33.5
Deaf-Blind	27	22.2	11.1	11.1	55.6
Deafness / Hearing Impairment	108	33.3	21.3	15.7	29.6
Emotional Disturbance	338	63.9	20.7	5.6	9.8
Intellectual Disability	7228	36	25.4	16	22.6
Learning Disability	1782	68.5	20.7	7	3.8
Multiple Disabilities	1230	8	10.5	13.4	68.1
Orthopedic Impairment	112	32.1	26.8	17	24.1
Other Health Impairment	1198	53.4	24.1	10.4	12
Speech / Language Impairment	124	50.8	25.8	8.9	14.5
Traumatic Brain Injury	89	47.2	22.5	12.4	18
Visual Impairment	164	22	11.6	11	55.5
Level A					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	3100	20.2	17.7	20	42.1
Deaf-Blind	24	16.7	12.5	12.5	58.3
Deafness / Hearing Impairment	57	22.8	24.6	17.5	35.1
Emotional Disturbance	119	73.1	24.4	0.8	1.7
Intellectual Disability	3359	30.9	24.5	17.7	26.9
Learning Disability	341	76.5	19.1	2.9	1.5
Multiple Disabilities	1072	5.5	8.5	12.4	73.6
Orthopedic Impairment	44	25	22.7	13.6	38.6
Other Health Impairment	377	52.3	22.5	9.3	15.9
Speech / Language Impairment	40	47.5	35	5	12.5
Traumatic Brain Injury	40	40	20	7.5	32.5
Visual Impairment	126	15.9	7.1	9.5	67.5

Table 25, continued. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Reading

Level B					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2110	39.7	18.9	13	28.5
Deaf-Blind	3	66.7	0	0	33.3
Deafness / Hearing Impairment	33	48.5	15.2	15.2	21.2
Emotional Disturbance	143	55.9	18.2	9.8	16.1
Intellectual Disability	2877	39.2	25.4	14.1	21.4
Learning Disability	844	69.3	19.3	7.9	3.4
Multiple Disabilities	124	20.2	25	19.4	35.5
Orthopedic Impairment	52	38.5	32.7	13.5	15.4
Other Health Impairment	522	54.6	23.8	10.9	10.7
Speech / Language Impairment	50	56	16	14	14
Traumatic Brain Injury	34	50	23.5	20.6	5.9
Visual Impairment	30	40	26.7	20	13.3
Level C					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	962	46.3	24.2	13	16.5
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	18	38.9	22.2	11.1	27.8
Emotional Disturbance	76	64.5	19.7	5.3	10.5
Intellectual Disability	992	44.2	28.8	15.8	11.2
Learning Disability	597	62.8	23.6	8	5.5
Multiple Disabilities	34	41.2	20.6	23.5	14.7
Orthopedic Impairment	16	31.3	18.8	37.5	12.5
Other Health Impairment	299	52.8	26.8	11	9.4
Speech / Language Impairment	34	47.1	29.4	5.9	17.6
Traumatic Brain Injury	15	60	26.7	6.7	6.7
Visual Impairment	8	50	25	0	25

Table 26. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Math

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	6164	20.5	25.2	21.8	32.5
Deaf-Blind	26	15.4	19.2	19.2	46.2
Deafness / Hearing Impairment	107	25.2	36.4	14	24.3
Emotional Disturbance	338	30.2	37.9	20.1	11.8
Intellectual Disability	7227	17	30.3	23.5	29.2
Learning Disability	1784	39.7	39.6	14.8	5.9
Multiple Disabilities	1231	4.1	8.2	16.3	71.3
Orthopedic Impairment	113	14.2	32.7	27.4	25.7
Other Health Impairment	1196	30.3	34.3	19.4	16.1
Speech / Language Impairment	124	18.5	48.4	17.7	15.3
Traumatic Brain Injury	89	20.2	25.8	22.5	31.5
Visual Impairment	148	12.2	10.1	19.6	58.1
Level A					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	3146	14.7	19.8	20.2	45.3
Deaf-Blind	22	13.6	18.2	13.6	54.5
Deafness / Hearing Impairment	55	18.2	30.9	14.5	36.4
Emotional Disturbance	122	42.6	36.9	10.7	9.8
Intellectual Disability	3576	16.9	26.1	18.9	38.1
Learning Disability	337	62	27.6	6.5	3.9
Multiple Disabilities	1089	3.2	6.9	14.1	75.8
Orthopedic Impairment	51	15.7	21.6	27.5	35.3
Other Health Impairment	403	35	28.3	13.9	22.8
Speech / Language Impairment	37	27	37.8	10.8	24.3
Traumatic Brain Injury	40	17.5	17.5	22.5	42.5
Visual Impairment	114	10.5	7.9	14	67.5

Table 26, continued. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Math

Level B					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2064	27.2	28	24.3	20.5
Deaf-Blind	4	25	25	50	0
Deafness / Hearing Impairment	37	32.4	35.1	16.2	16.2
Emotional Disturbance	146	26.7	28.8	27.4	17.1
Intellectual Disability	2734	18.3	31.8	29.6	20.3
Learning Disability	771	42.5	36.8	16.1	4.5
Multiple Disabilities	117	11.1	16.2	34.2	38.5
Orthopedic Impairment	48	12.5	37.5	29.2	20.8
Other Health Impairment	500	31.2	33.2	24.4	11.2
Speech / Language Impairment	54	16.7	50	20.4	13
Traumatic Brain Injury	33	27.3	18.2	24.2	30.3
Visual Impairment	26	23.1	19.2	34.6	23.1
Level C					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	954	25.3	37.2	21.6	15.9
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	15	33.3	60	6.7	0
Emotional Disturbance	70	15.7	58.6	21.4	4.3
Intellectual Disability	917	13.8	42.5	23	20.6
Learning Disability	676	25.3	48.7	17.5	8.6
Multiple Disabilities	25	12	28	28	32
Orthopedic Impairment	14	14.3	57.1	21.4	7.1
Other Health Impairment	293	22.2	44.4	18.4	15.2
Speech / Language Impairment	33	12.1	57.6	21.2	9.1
Traumatic Brain Injury	16	12.5	62.5	18.8	6.3
Visual Impairment	8	0	12.5	50	37.5

Table 27. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Science

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2228	3.1	35.9	36	25
Deaf-Blind	9	0	11.1	44.4	44.4
Deafness / Hearing Impairment	47	4.3	38.3	34	23.4
Emotional Disturbance	161	5	65.2	28.6	1.2
Intellectual Disability	3120	2.4	43.5	39.4	14.7
Learning Disability	735	6.5	75.9	17.3	0.3
Multiple Disabilities	469	0.6	12.2	23.2	64
Orthopedic Impairment	47	0	29.8	55.3	14.9
Other Health Impairment	446	2	60.3	32.5	5.2
Speech / Language Impairment	39	5.1	51.3	38.5	5.1
Traumatic Brain Injury	44	0	52.3	36.4	11.4
Visual Impairment	73	0	11	27.4	61.6
Tier 1					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	1076	1.9	27	27.4	43.8
Deaf-Blind	7	0	0	42.9	57.1
Deafness / Hearing Impairment	30	3.3	26.7	36.7	33.3
Emotional Disturbance	49	8.2	83.7	8.2	0
Intellectual Disability	1390	2.8	43.2	27.4	26.6
Learning Disability	115	13	84.3	2.6	0
Multiple Disabilities	415	0.7	10.1	18.3	70.8
Orthopedic Impairment	19	0	36.8	31.6	31.6
Other Health Impairment	130	3.1	62.3	20	14.6
Speech / Language Impairment	12	0	75	8.3	16.7
Traumatic Brain Injury	19	0	47.4	26.3	26.3
Visual Impairment	56	0	1.8	19.6	78.6
Tier 2					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	1152	4.3	44.2	44.1	7.4
Deaf-Blind	2	0	50	50	0
Deafness / Hearing Impairment	17	5.9	58.8	29.4	5.9
Emotional Disturbance	112	3.6	57.1	47.5	1.8
Intellectual Disability	1730	2.1	43.8	49	5.1
Learning Disability	620	5.3	74.4	20	0.3
Multiple Disabilities	54	0	27.8	61.1	11.1
Orthopedic Impairment	28	0	25	71.4	3.6
Other Health Impairment	316	1.6	59.5	37.7	1.3
Speech / Language Impairment	27	7.4	40.7	51.9	0
Traumatic Brain Injury	25	0	56	44	0
Visual Impairment	17	0	41.2	52.9	5.9

Table 28. Number and Percentage of Students with Limited English Proficiency Classified at Each Performance Level by Primary Disability - Reading

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	246	31.3	19.1	16.7	32.9
Deaf-Blind	1	100	0	0	0
Deafness / Hearing Impairment	9	33.3	11.1	11.1	44.4
Emotional Disturbance	9	66.7	11.1	11.1	11.1
Intellectual Disability	415	28	28	19.3	24.8
Learning Disability	171	64.9	21.6	10.5	2.9
Multiple Disabilities	41	9.8	17.1	9.8	63.4
Orthopedic Impairment	4	25	50	25	0
Other Health Impairment	73	42.5	31.5	13.7	12.3
Speech / Language Impairment	13	46.2	30.8	15.4	7.7
Traumatic Brain Injury	5	20	40	0	40
Visual Impairment	4	0	25	25	50
Level A					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	136	24.3	21.3	19.9	34.6
Deaf-Blind	1	100	0	0	0
Deafness / Hearing Impairment	5	20	20	20	40
Emotional Disturbance	3	66.7	33.3	0	0
Intellectual Disability	225	26.7	25.8	19.1	28.4
Learning Disability	54	74.1	22.2	1.9	1.9
Multiple Disabilities	34	8.8	14.7	11.8	64.7
Orthopedic Impairment	2	50	0	50	0
Other Health Impairment	32	53.1	28.1	12.5	6.3
Speech / Language Impairment	4	25	50	25	0
Traumatic Brain Injury	2	0	50	0	50
Visual Impairment	4	0	25	25	50

Table 28, continued. Number and Percentage of Students with Limited English Proficiency Classified at Each Performance Level by Primary Disability - Reading

Level B					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	79	36.7	16.5	15.2	31.6
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	3	66.7	0	0	33.3
Emotional Disturbance	5	60	0	20	20
Intellectual Disability	153	30.1	27.5	20.3	22.2
Learning Disability	81	61.7	22.2	12.3	3.7
Multiple Disabilities	6	16.7	33.3	0	50
Orthopedic Impairment	2	0	100	0	0
Other Health Impairment	25	40	24	16	20
Speech / Language Impairment	7	57.1	14.3	14.3	14.3
Traumatic Brain Injury	3	33.3	33.3	0	33.3
Visual Impairment	0	0	0	0	0
Level C					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	31	48.4	16.1	6.5	29
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	1	0	0	0	100
Emotional Disturbance	1	100	0	0	0
Intellectual Disability	37	27	43.2	16.2	13.5
Learning Disability	36	58.3	19.4	19.4	2.8
Multiple Disabilities	1	0	0	0	100
Orthopedic Impairment	0	0	0	0	0
Other Health Impairment	16	25	50	12.5	12.5
Speech / Language Impairment	2	50	50	0	0
Traumatic Brain Injury	0	0	0	0	0
Visual Impairment	0	0	0	0	0

Table 29. Number and Percentage of Students with Limited English Proficiency Classified at Each Performance Level by Primary Disability - Math

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	251	23.5	28.7	19.1	28.7
Deaf-Blind	1	0	100	0	0
Deafness / Hearing Impairment	9	33.3	44.4	22.2	0
Emotional Disturbance	9	11.1	33.3	22.2	33.3
Intellectual Disability	422	16.8	31.3	23.2	28.7
Learning Disability	174	44.8	36.2	15.5	3.4
Multiple Disabilities	42	4.8	16.7	26.2	52.4
Orthopedic Impairment	5	0	20	60	20
Other Health Impairment	73	30.1	41.1	16.4	12.3
Speech / Language Impairment	13	7.7	61.5	23.1	7.7
Traumatic Brain Injury	5	40	40	0	20
Visual Impairment	4	0	0	0	100
Level A					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	147	23.1	22.4	17	37.4
Deaf-Blind	1	0	100	0	0
Deafness / Hearing Impairment	5	0	60	40	0
Emotional Disturbance	4	25	50	0	25
Intellectual Disability	232	17.7	28.9	16.8	36.6
Learning Disability	54	55.6	38.9	3.7	1.9
Multiple Disabilities	35	5.7	8.6	25.7	60
Orthopedic Impairment	3	0	33.3	33.3	33.3
Other Health Impairment	35	37.1	37.1	14.3	11.4
Speech / Language Impairment	3	0	100	0	0
Traumatic Brain Injury	2	0	50	0	50
Visual Impairment	4	0	0	0	100

Table 29, continued. Number and Percentage of Students with Limited English Proficiency Classified at Each Performance Level by Primary Disability - Math

Level B					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	70	21.4	35.7	24.3	18.6
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	3	66.7	33.3	0	0
Emotional Disturbance	4	0	25	50	25
Intellectual Disability	152	16.4	34.2	29.6	19.7
Learning Disability	77	49.4	27.3	23.4	0
Multiple Disabilities	6	0	50	33.3	16.7
Orthopedic Impairment	2	0	0	100	0
Other Health Impairment	22	36.4	27.3	18.2	18.2
Speech / Language Impairment	5	0	60	20	20
Traumatic Brain Injury	3	66.7	33.3	0	0
Visual Impairment	0	0	0	0	0
Level C					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	34	29.4	41.2	17.6	11.8
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	1	100	0	0	0
Emotional Disturbance	1	0	0	0	100
Intellectual Disability	38	13.2	34.2	36.8	15.8
Learning Disability	43	23.3	48.8	16.3	11.6
Multiple Disabilities	1	0	100	0	0
Orthopedic Impairment	0	0	0	0	0
Other Health Impairment	16	6.3	68.8	18.8	6.3
Speech / Language Impairment	5	20	40	40	0
Traumatic Brain Injury	0	0	0	0	0
Visual Impairment	0	0	0	0	0

Table 30. Number and Percentage of Students with Limited English Proficiency Classified at Each Performance Level by Primary Disability - Science

Overall					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	73	2.7	38.4	37	21.9
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	4	0	0	50	50
Emotional Disturbance	6	0	66.7	16.7	16.7
Intellectual Disability	178	2.8	42.1	38.8	16.3
Learning Disability	66	1.5	74.2	24.2	0
Multiple Disabilities	13	0	7.7	30.8	61.5
Orthopedic Impairment	1	0	100	0	0
Other Health Impairment	22	4.5	68.2	22.7	4.5
Speech / Language Impairment	4	25	75	0	0
Traumatic Brain Injury	4	0	25	50	25
Visual Impairment	3	0	0	33.3	66.7
Tier 1					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	40	2.5	32.5	27.5	37.5
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	4	0	0	50	50
Emotional Disturbance	2	0	100	0	0
Intellectual Disability	88	2.3	46.6	23.9	27.3
Learning Disability	13	0	100	0	0
Multiple Disabilities	11	0	9.1	18.2	72.7
Orthopedic Impairment	1	0	100	0	0
Other Health Impairment	9	11.1	66.7	11.1	11.1
Speech / Language Impairment	1	0	100	0	0
Traumatic Brain Injury	3	0	33.3	33.3	33.3
Visual Impairment	3	0	0	33.3	66.7
Tier 2					
Primary Disability	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	33	3	45.5	48.5	3
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	0	0	0	0	0
Emotional Disturbance	4	0	50	25	25
Intellectual Disability	90	3.3	37.8	53.3	5.6
Learning Disability	53	1.9	67.9	30.2	0
Multiple Disabilities	2	0	0	100	0
Orthopedic Impairment	0	0	0	0	0
Other Health Impairment	13	0	69.2	30.8	0
Speech / Language Impairment	3	33.3	66.7	0	0
Traumatic Brain Injury	1	0	0	100	0
Visual Impairment	0	0	0	0	0

Performance Levels Overall by Ethnicity

Table 31. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Reading

Overall					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	4264	38.3	22.2	14.8	24.7
Asian /Pacific Islander	512	23	23.4	17.2	36.3
Latino/ Hispanic –American	2225	37	21.3	13.8	27.8
Multi-Racial/Ethnic	803	37.6	19.1	14.4	28.9
Native American /Alaskan	28	35.7	32.1	10.7	21.4
White /Not Hispanic	10740	37.4	21.4	14.4	26.8
Level A					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1990	30.1	21	15.4	33.6
Asian /Pacific Islander	286	18.9	20.6	18.9	41.6
Latino/ Hispanic –American	1185	29.1	20	15.9	34.9
Multi-Racial/Ethnic	418	31.1	17.2	13.4	38.3
Native American /Alaskan	12	16.7	33.3	16.7	33.3
White /Not Hispanic	4808	25.4	18.9	17.1	38.6
Level B					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1658	45.4	22.4	13.9	18.3
Asian /Pacific Islander	150	25.3	24	16	34.7
Latino/ Hispanic –American	758	44.5	21.8	11.6	22.2
Multi-Racial/Ethnic	292	44.5	19.9	14.4	21.2
Native American /Alaskan	11	36.4	36.4	9.1	18.2
White /Not Hispanic	3953	44.8	22.4	12.3	20.5
Level C					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	616	45.5	25.8	15.3	13.5
Asian /Pacific Islander	76	34.2	32.9	13.2	19.7
Latino/ Hispanic –American	282	50.4	25.9	10.6	13.1
Multi-Racial/Ethnic	93	45.2	24.7	19.4	10.8
Native American /Alaskan	5	80	20	0	0
White /Not Hispanic	1979	51.8	25.5	11.8	10.9

Table 32. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Math

Overall					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	4255	20.2	29.4	22.2	28.1
Asian /Pacific Islander	516	19.0	23.3	22.3	35.5
Latino/ Hispanic –American	2231	23.3	28.2	20.3	28.2
Multi-Racial/Ethnic	803	19.9	26.8	22.2	31.1
Native American /Alaskan	28	14.3	25.7	17.9	32.1
White /Not Hispanic	10714	20.4	28.4	20.8	30.4
Level A					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	2065	19	23.3	19.1	38.6
Asian /Pacific Islander	289	14.2	18.7	18.7	48.4
Latino/ Hispanic –American	1215	21.2	23.1	16.1	39.5
Multi-Racial/Ethnic	423	18	21.7	16.5	43.7
Native American /Alaskan	13	15.4	38.5	15.4	30.8
White /Not Hispanic	4987	15.8	20.7	17.9	45.6
Level B					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1605	23.1	33.3	26.2	17.4
Asian /Pacific Islander	145	22.8	29	28.3	20
Latino/ Hispanic –American	720	28.1	30.3	26	15.7
Multi-Racial/Ethnic	280	23.9	26.4	32.9	16.8
Native American /Alaskan	11	18.2	18.2	18.2	45.5
White /Not Hispanic	3773	25.6	30.7	25	18.7
Level C					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	585	16.8	40.5	22.2	20.5
Asian /Pacific Islander	82	29.3	29.3	24.4	17.1
Latino/ Hispanic –American	296	20.3	44.3	23.3	12.2
Multi-Racial/Ethnic	100	17	49	16	18
Native American /Alaskan	4	0	75	25	0
White /Not Hispanic	1954	22.1	43.8	20.1	14

Table 33. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Science

Overall					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1592	3.2	41.8	37.2	17.8
Asian /Pacific Islander	196	3.6	35.2	33.2	28.1
Latino/ Hispanic –American	810	3.2	48	30.5	18.3
Multi-Racial/Ethnic	300	3	39.7	36	21.3
Native American /Alaskan	7	0	42.9	28.6	28.6
White /Not Hispanic	4513	2.7	44	34.1	19.1
Tier 1					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	722	4	38	24.2	33.8
Asian /Pacific Islander	107	0	29.9	22.4	47.7
Latino/ Hispanic –American	385	2.6	42.1	21	34.3
Multi-Racial/Ethnic	158	3.2	38	22.8	36.1
Native American /Alaskan	2	0	0	100	0
White /Not Hispanic	1944	2.2	33.8	25.9	38.1
Tier 2					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	870	2.5	44.9	48	4.5
Asian /Pacific Islander	89	7.9	41.6	46.1	4.5
Latino/ Hispanic –American	425	3.8	53.4	39.1	3.8
Multi-Racial/Ethnic	142	2.8	41.5	50.7	4.9
Native American /Alaskan	5	0	60	0	40
White /Not Hispanic	2569	3.2	51.7	40.3	4.8

Performance Levels Overall by Economic Status

Table 34. Number and Percentage of Economically Disadvantaged Students Classified at Each Performance Level

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Reading					
A	5129	32.9	20.5	14.6	32
B	4433	48.1	22.4	12	17.5
C	1889	50.6	26.5	12.5	10.4
Total	11451	41.7	22.2	13.3	22.8
Math					
A	5310	21.2	23.2	17	38.7
B	4257	26.6	32.3	35.6	15.5
C	1884	19.6	44.9	20.8	14.7
Total	11451	22.9	30.1	20.8	26.1
Science					
Tier 1	1892	3.4	42	23.5	31.1
Tier 2	2593	3.2	53.2	40.3	3.4
Total	4485	3.3	48.5	33.2	15.1

Performance Levels Overall for Limited English Proficiency Students

Table 35. Number and Percentage of Limited English Proficient Students Classified at Each Performance Level

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Reading					
A	502	31.7	23.7	16.5	28.1
B	364	40.1	23.4	16.2	20.3
C	125	41.6	29.6	13.6	15.2
Total	991	36	24.3	16	23.6
Math					
A	525	23	28.2	15.8	33
B	344	26.2	32.8	26.5	14.5
C	139	20.1	44.6	23	12.2
Total	1008	23.7	32	20.4	23.8
Science					
Tier 1	175	2.3	45.1	22.3	30.3
Tier 2	199	3	49.2	44.2	3.5
Total	374	2.7	47.3	34	16

Performance Levels Overall for Students Taking Adapted Versions of PASA

Table 36. Number and Percentage of Students Assessed using the Tactile Version Classified at Each Performance Level

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Reading					
A	654	9	8.9	11.2	70.9
B	118	36.4	25.4	20.3	17.8
C	39	46.2	25.6	7.7	20.5
Total	811	14.8	12.1	12.3	60.8
Math					
A	653	6	7	11.8	75.2
B	104	13.5	22.1	29.8	34.6
C	39	17.9	33.3	20.5	28.2
Total	796	7.5	10.3	14.6	67.6

Table 37. Number and Percentage of Students Assessed using the Deaf and Hard-of-Hearing Version Classified at Each Performance Level⁴

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
A	208	9.1	18.3	14.4	58.2
B	85	34.1	20	16.5	29.4
C	42	38.1	16.7	21.4	23.8
Total	335	19.1	18.5	15.8	46.6

Table 38. Number and Percentage of Students Assessed using Specific Accommodations Classified at Each Performance Level⁵

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Used Objects					
Tier 1	34	0	0	11.8	88.2
Tier 2	5	0	100	0	0
Total	39	0	12.8	10.3	76.9
Used Sign Language					
Tier 1	91	1.1	20.9	30.8	47.3
Tier 2	52	0	38.5	51.9	9.6
Total	143	0.7	27.3	38.5	33.6

⁴ Deaf and Hard-of-Hearing version not available for math.

⁵ There are no alternate versions of the *PASA-Science*. All students take all items with specific accommodations.

Performance Levels by Recording Medium

Table 39. Number and Percentage of Students Classified at Each Performance Level by Assessment Medium

Video								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
A	2342	27.0	1690	19.5	1428	16.5	3209	37.0
B	3027	44.5	1516	22.3	871	12.8	1391	20.4
C	1519	49.9	784	25.7	386	12.7	358	11.7
Total	6888	37.2	3990	21.5	2685	14.5	4958	26.8
Math								
A	1545	17.2	1941	21.7	1606	17.9	3869	43.2
B	1633	25.1	2021	31.0	1687	25.9	1176	18.0
C	631	20.9	1297	43.0	628	20.8	462	15.3
Total	3809	20.6	5259	28.4	3921	21.2	5507	29.8
Science								
Tier 1	86	2.6	1182	35.7	821	24.8	1221	36.9
Tier 2	131	3.2	2045	49.9	1728	42.2	191	4.7
Total	217	2.9	3227	43.6	2549	34.4	1412	19.1
Narrative Notes								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
A	7	28.0	7	28.0	2	8.0	9	36.0
B	5	38.5	1	7.7	2	15.4	5	38.5
C	1	100.0	0	0.0	0	0.0	0	0.0
Total	13	33.3	8	20.5	4	10.3	14	35.9
Math								
A	8	30.8	3	11.5	5	19.2	10	38.5
B	4	33.3	4	33.3	1	8.3	3	25.0
C	0	0.0	1	100.0	0	0.0	0	0.0
Total	12	30.8	8	20.5	6	15.4	13	33.3
Science								
Tier 1	0	0.0	1	20.0	1	20.0	3	60.0
Tier 2	0	0.0	0	0.0	4	100.0	0	0.0
Total	0	0.0	1	11.1	5	55.6	3	33.3

Comparison of *PASA* Results for 2014-2015, 2015-2016, and 2016-2017

The purpose of this section of the report is to show how students performed on the *PASA* over the past three years in all content areas. The tables capture the state's overall performance results for 2017 by grade level and compares it to the state's results for the years preceding.

Table 40. Percentage of Students Scoring Proficient and Advanced for the Past Three Years⁶

Content	Level A			Level B			Level C		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
Reading	49.5%	40.2%	46.5%	59.0%	52.9%	66.8%	60.3%	60.1%	75.5%
Math	40.2%	30.0%	38.9%	47.9%	41.2%	56.1%	50.7%	46.5%	63.9%
	Level A	Tier 1		Level B	Tier 2		Level C		
	2015	2016	2017	2015	2016	2017	2015		
Science	53.5%	45.1%	38.3%	54.4%	52.4%	53.1%	40.2%		

⁶ The 'Advanced' performance category was not used prior to 2016 for Level A and Level B tests. Prior to 2016, the *PASA-Science* test had three levels (A, B, and C), just as *PASA-Reading* and *PASA-Math*.

Table 41. Current and Past Grade-Level Results by Performance Category for Students Who Completed the Assessment - Reading⁷

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2017	37	22	15	27	59
2016	5	46	33	16	51
2015	5	52	28	15	57
Grade 3					
2017	44	15	12	28	60
2016	2	48	32	19	50
2015	3	53	28	17	56
Grade 4					
2017	48	17	11	24	65
2016	4	48	32	16	52
2015	5	55	27	13	60
Grade 5					
2017	25	30	17	28	55
2016	4	44	35	17	48
2015	4	51	29	16	55
Grade 6					
2017	38	24	11	28	62
2016	6	44	31	19	50
2015	8	49	27	16	57
Grade 7					
2017	36	21	13	31	57
2016	6	44	35	15	50
2015	5	50	30	15	55
Grade 8					
2017	36	20	18	26	56
2016	10	42	34	14	52
2015	7	49	28	16	56
Grade 11					
2017	32	24	20	24	56
2016	6	51	30	13	57
2015	4	56	27	13	60

⁷ New cut scores were introduced in 2017.

Table 42. Current and Past Grade-Level Results by Performance Category for Students Who Completed the Assessment – Math⁸

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2017	21	28	21	30	49
2016	3	36	33	28	39
2015	4	42	28	26	46
Grade 3					
2017	23	32	19	25	56
2016	1	38	31	30	39
2015	1	46	26	27	47
Grade 4					
2017	29	30	17	23	60
2016	2	41	32	25	43
2015	2	50	24	24	52
Grade 5					
2017	28	23	25	24	51
2016	5	40	31	25	45
2015	7	46	24	24	53
Grade 6					
2017	21	22	27	30	43
2016	7	43	25	26	50
2015	11	47	21	22	58
Grade 7					
2017	17	33	15	36	49
2016	2	27	40	31	29
2015	3	33	35	29	36
Grade 8					
2017	15	28	25	31	44
2016	3	28	40	30	31
2015	4	34	36	27	38
Grade 11					
2017	8	31	19	41	40
2016	3	35	33	29	38
2015	3	42	28	27	45

⁸ New cut scores were introduced in 2017.

Table 43. Current and Past Grade-Level Results by Performance Category for Students Who Completed the Assessment – Science⁹

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2017	3	44	34	19	46
2016	5	44	34	18	49
2015	3	51	27	19	54
Grade 4					
2017	3	42	33	22	45
2016	5	49	27	19	54
2015	3	66	21	11	69
Grade 8					
2017	3	45	36	16	48
2016	5	45	36	15	50
2015	3	56	30	10	59
Grade 11					
2017	3	44	34	19	47
2016	4	40	38	18	44
2015	3	39	31	38	32

⁹ New cut scores were introduced in 2016.