

PASA Annual Participation and Performance Report 2018-2019

2019 *Pennsylvania Alternate System of Assessment (PASA)* English Language Arts, Math, and Science Statewide Results

A Statewide Assessment for Students with Significant Cognitive Disabilities

Executive Summary

This report summarizes results of the 2019 *Pennsylvania Alternate System of Assessment (PASA)* English Language Arts, 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. Per Section 1 of this report, the Pennsylvania Department of Education (PDE) recognizes section 1111(b)(2)(D)(i)(I) of the Elementary and Secondary Education Act of 1965 (ESEA), as amended by the Every Student Succeeds Act (ESSA), which limits the number of students that a state may assess with an alternate assessment aligned to alternate achievement standards (AA-AAS) to no more than 1% of all students in the grades assessed in a state. Statewide PASA participation data, as referenced in Table 2, as well as data collected through the Pennsylvania Information Management System (PIMS), indicate that PA exceeded the 1% cap in the 2019 reporting year. While the State did not meet the criteria of at least 95% of total students with disabilities participating in state assessments in order to apply for a waiver from the US Department of Education, it has developed a comprehensive plan to address the 1% requirement. More information on the 1% cap can be accessed on the PDE website at <https://www.education.pa.gov/K-12/Special%20Education/Assessments/Pages/ESSA-1.0-Percent-Threshold-Justification-Requirements.aspx>

Overall, a total of 18,996 students were assessed in English Language Arts, Math, and 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 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.

In 2019, the *PASA-ELA* and *PASA-Math* assessments were moved from 3 levels to 2 tiers. A new standard setting was performed in June 2019 to accommodate this change. All 2019 results for *PASA-ELA* and *PASA-Math* are reflective of the new cut scores.

Participation and performance results contained in this report are associated with *PASA* enrollment and confirmed assessments derived from the *PASA-Digital* system. Local education agencies and service providers review and verify student level data in the *PASA-Digital* system. Demographics, participation data, and performance results contained herein may vary slightly from state accountability files. Accountability files are based upon student level data within the PA Information Management System (PIMS) as well as attribution and participation rules.

Contents

<i>Executive Summary</i>	<i>i</i>
<i>List of Tables</i>	<i>4</i>
<i>Section 1 - Demographic Information about Students Assessed</i>	<i>6</i>
<i>Participation by Gender</i>	<i>7</i>
<i>Participation by Primary Disability</i>	<i>7</i>
<i>Participation by Ethnicity</i>	<i>10</i>
<i>Participation by Economic Status</i>	<i>10</i>
<i>Participation by English Learner Students</i>	<i>11</i>
<i>Students who Required Accommodations</i>	<i>12</i>
<i>Section 2 – 2019 PASA Assessment Outcomes</i>	<i>16</i>
<i>Testing Terminated</i>	<i>16</i>
<i>Cut Scores</i>	<i>16</i>
<i>Performance Levels Overall by Subject and Test Level</i>	<i>18</i>
<i>Performance Levels Overall by Gender</i>	<i>19</i>
<i>Performance Levels Overall by Primary Disability</i>	<i>20</i>
<i>Performance Levels Overall by Ethnicity</i>	<i>27</i>
<i>Performance Levels Overall by Economic Status</i>	<i>29</i>
<i>Performance Levels Overall for English Learner Students</i>	<i>30</i>
<i>Performance Levels Overall for Students Using Accommodations</i>	<i>31</i>
<i>Performance Levels by Recording Medium</i>	<i>34</i>
<i>Comparison of PASA Results for 2016-2017, 2017-2018, and 2018-2019</i>	<i>35</i>

List of Tables

<i>Table 1. Total Number of Students Assessed in ELA, Math, and Science at Each Assessment Level</i>	6
<i>Table 2. Total Number of Students Excluded from Assessment by Reason Provided</i>	6
<i>Table 3. Number of Students Assessed in ELA, Math, and Science at Each Grade Level as Percentage of Tested State Population</i>	6
<i>Table 4. Number and Percentage of Males and Females Assessed by Content and Test Level</i>	7
<i>Table 5. Number and Percentage of Students Assessed by Primary Disability - ELA</i>	7
<i>Table 6. Number and Percentage of Students Assessed by Primary Disability - Math</i>	8
<i>Table 7. Number and Percentage of Students Assessed by Primary Disability - Science</i>	8
<i>Table 8. Disability Designation for Students taking the PASA for the first time in 2019 (excluding 3rd graders)</i>	9
<i>Table 9. Counts of Students taking the PASA for the first time in 2019 by Content and Test Level</i>	9
<i>Table 10. Number and Percentage of Students Assessed by Ethnicity - ELA</i>	10
<i>Table 11. Number and Percentage of Students Assessed by Ethnicity - Math</i>	10
<i>Table 12. Number and Percentage of Students Assessed by Ethnicity - Science</i>	10
<i>Table 13. Number and Percentage of Students Assessed who are Economically Disadvantaged by Content at Each Test Level</i>	10
<i>Table 14. Number and Percentage of English Learners Assessed by Content at Each Test Level</i>	11
<i>Table 15. Number and Percentage of English Learners Assessed by Primary Disability Category - ELA</i>	11
<i>Table 16. Number and Percentage of English Learners Assessed by Primary Disability Category - Math</i>	11
<i>Table 17. Number and Percentage of English Learners Assessed by Primary Disability Category - Science</i>	12
<i>Table 18. Number of Students Assessed using Specific Accommodations on the 2019 PASA - ELA</i>	12
<i>Table 19. Number of Students Assessed using Specific Accommodations on the 2019 PASA - Math</i>	14
<i>Table 20. Number of Students Assessed using Specific Accommodations on the 2019 PASA - Science</i>	15
<i>Table 21. Number and Percentage of Students Assessed by Content whose Assessments were Terminated Prior to Completion</i>	16
<i>Table 22. Cut Scores and 2019 Test Mean by Grade Level - ELA</i>	16
<i>Table 23. Cut Scores and 2019 Test Mean by Grade Level - Math</i>	17
<i>Table 24. Cut Scores and 2019 Test Mean by Grade Level - Science</i>	17
<i>Table 25. Number and Percentage of Students Classified at Each Performance Level</i>	18
<i>Table 26. Number and Percentage of Students Classified at Each Performance Level by Gender</i>	19
<i>Table 27. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - ELA</i>	20
<i>Table 28. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Math</i>	21
<i>Table 29. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Science</i>	23

<i>Table 30. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - ELA</i>	24
<i>Table 31. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - Math</i>	25
<i>Table 32. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - Science</i>	26
<i>Table 33. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - ELA</i>	27
<i>Table 34. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Math</i>	27
<i>Table 35. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Science</i>	28
<i>Table 36. Number and Percentage of Economically Disadvantaged Students Classified at Each Performance Level</i>	29
<i>Table 37. Number and Percentage of English Learners Classified at Each Performance Level</i>	30
<i>Table 38. Number and Percentage of Students Classified at Each Performance Level using Accommodations-ELA</i>	31
<i>Table 39. Number and Percentage of Students Classified at Each Performance Level using Accommodations-Math</i>	32
<i>Table 40. Number and Percentage of Students Classified at Each Performance Level using Accommodations-Science</i>	33
<i>Table 41. Number and Percentage of Students Classified at Each Performance Level by Assessment Medium</i>	34
<i>Table 42. Percentage of Students Scoring Proficient and Advanced for the Past Three Years</i>	35
<i>Table 43. Current and Past Results by Performance Category for Students Who Completed the Assessment - ELA</i>	36
<i>Table 44. Current and Past Results by Performance Category for Students Who Completed the Assessment – Math</i>	37
<i>Table 45. Current and Past Results by Performance Category for Students Who Completed the Assessment – Science</i>	38

Section 1 - Demographic Information about Students Assessed

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

PASA Test	Tier 1	Tier 2	Total
Reading	11169	7775	18944
Math	11543	7386	18929
	Tier 1	Tier 2	
Science	1521	6387	7908

Table 2. Total Number of Students Excluded from Assessment by Reason Provided

Exclusion Reason	Reading	Math	Science
Religious Reasons	176	176	73
Parental Request	264	264	95
Extended Absent Without Makeup	146	146	80
Other	48	48	22
Deceased Medical Emergency	88	88	45
TOTAL	722	722	315

Table 3. Number of Students Assessed in ELA, 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	2742	14.5	2.2	2733	14.4	2.2	2734	34.6	2.2
4	2737	14.4	2.2	2735	14.4	2.2			
5	2735	14.4	2.1	2739	14.5	2.1			
6	2818	14.9	2.2	2820	14.9	2.2			
7	2720	14.4	2.1	2719	14.4	2.1			
8	2722	14.4	2.2	2715	14.3	2.2	2712	34.3	2.2
11	2470	13	2.0	2468	13.0	2.0	2462	31.1	2.0
TOTAL	18944	100		18929	100		7908	100	

Participation by Gender

Table 4. Number and Percentage of Males and Females Assessed by Content and Test Level

Level	Male	% Males within Reading Tier	% Males within Gender	Female	% Females within Reading Tier	% Females within Gender	Total
Reading							
Tier 1	7594	59.3	68.1	3559	58.2	31.2	11153
Tier 2	5215	40.7	67.1	2552	41.2	32.3	7767
Total	12809	100		6111	100		18920
Math							
Tier 1	7767	60.7	67.4	3759	61.5	32.6	11526
Tier 2	5030	39.3	68.2	2349	38.5	31.8	7379
Total	12797	100		6108	100		18905
Science							
Tier 1	1039	19.6	68.4	480	18.6	31.6	1519
Tier 2	4273	80.4	67.0	2107	81.4	33.0	6380
Total	5312	100		2587	100		7899

Participation by Primary Disability

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

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	6744	35.6	4123	36.9	2621	33.7
Deaf-Blind	25	0.1	22	0.2	3	0.0
Deafness / Hearing Impairment	86	0.5	52	0.5	34	0.4
Emotional Disturbance	276	1.5	121	1.1	155	2.0
Intellectual Disability	7570	40.0	4504	40.3	3066	39.4
Learning Disability	1331	7.0	398	3.6	933	12.0
Multiple Disabilities	1310	6.9	1192	10.7	118	1.5
Orthopedic Impairment	75	0.4	40	0.4	35	0.5
Other Health Impairment	1192	6.3	522	4.7	670	8.6
Speech / Language Impairment	116	0.6	47	0.4	69	0.9
Traumatic Brain Injury	83	0.4	44	0.4	39	0.5
Visual Impairment	136	0.7	104	0.9	32	0.4
TOTAL	18944	100	11169	100	7775	100

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

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	6743	35.6	4230	36.6	2513	34.0
Deaf-Blind	25	0.1	23	0.2	2	0.0
Deafness / Hearing Impairment	87	0.5	53	0.5	34	0.5
Emotional Disturbance	275	1.5	122	1.1	153	2.1
Intellectual Disability	7564	40.0	4725	40.9	2839	38.4
Learning Disability	1328	7.0	390	3.4	938	12.7
Multiple Disabilities	1307	6.9	1212	10.5	95	1.3
Orthopedic Impairment	75	0.4	42	0.4	33	0.4
Other Health Impairment	1192	6.3	547	4.7	645	8.7
Speech / Language Impairment	115	0.6	50	0.4	65	0.9
Traumatic Brain Injury	83	0.4	46	0.4	37	0.5
Visual Impairment	135	0.7	103	0.9	32	0.4
TOTAL	18929	100	11543	100	7386	100

Table 7. Number and Percentage of Students Assessed by Primary Disability - Science

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	2715	34.3	666	43.8	2049	32.1
Deaf-Blind	8	0.1	4	0.3	4	0.1
Deafness / Hearing Impairment	29	0.4	0	0.0	29	0.5
Emotional Disturbance	121	1.5	1	0.1	120	1.9
Intellectual Disability	3265	41.3	402	26.4	2863	44.8
Learning Disability	543	6.9	4	0.3	539	8.4
Multiple Disabilities	565	7.1	353	23.2	212	3.3
Orthopedic Impairment	29	0.4	3	0.2	26	0.4
Other Health Impairment	493	6.2	41	2.7	452	7.1
Speech / Language Impairment	40	0.5	1	0.1	39	0.6
Traumatic Brain Injury	33	0.4	5	0.3	28	0.4
Visual Impairment	67	0.8	41	2.7	26	0.4
TOTAL	7908	100	1521	100	6387	100

Table 8. Disability Designation for Students taking the PASA for the first time in 2019 (excluding 3rd graders)

Primary Disability	Taking PASA for first time in 2019		Students taking PASA in 2019	
	n	%	n	%
Autism	301	22.9	6762	35.6
Deaf-Blind	1	0.1	25	0.1
Deafness / Hearing Impairment	2	0.2	88	0.3
Emotional Disturbance	45	3.4	278	1.5
Intellectual Disability	563	42.9	7590	40.0
Learning Disability	233	17.8	1335	7.0
Multiple Disabilities	28	2.1	1314	6.9
Orthopedic Impairment	5	0.4	75	0.4
Other Health Impairment	109	8.3	1194	6.3
Speech / Language Impairment	14	1.1	116	0.6
Traumatic Brain Injury	6	0.5	83	0.4
Visual Impairment	5	0.4	136	0.7
TOTAL	1312	100	18996	100

Table 9. Counts of Students taking the PASA for the first time in 2019 by Content and Test Level

Level	n	%
Reading		
Tier 1	634	49.0
Tier 2	659	51.0
Total	1293	
Math		
Tier 1	641	49.2
Tier 2	663	50.8
Total	1304	
Science		
Tier 1	45	6.5
Tier 2	643	93.5
Total	688	

Participation by Ethnicity

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

Ethnicity	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
African American/Black	4561	24.1	2654	23.8	1907	24.5
Asian/Pacific Islander	572	3.0	387	3.5	185	2.4
Latino/Hispanic – American	2479	13.1	1629	14.6	850	10.9
Multi-Racial/Ethnic	971	5.1	598	5.4	373	4.8
Native American/Alaskan	32	0.2	24	0.2	8	0.1
White / Not Hispanic	10329	54.5	5877	52.6	4452	57.3

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

Ethnicity	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
African American/Black	4558	24.1	2757	23.9	1801	24.4
Asian/Pacific Islander	577	3.0	391	3.4	186	2.5
Latino/Hispanic – American	2484	13.1	1659	14.4	825	11.2
Multi-Racial/Ethnic	971	5.1	620	5.4	351	4.8
Native American/Alaskan	32	0.2	25	0.2	7	0.1
White / Not Hispanic	10307	54.5	6091	52.8	4216	57.1

Table 12. Number and Percentage of Students Assessed by Ethnicity - Science

Ethnicity	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
African American/Black	1870	23.6	331	21.8	1539	24.1
Asian/Pacific Islander	238	3.0	62	4.1	176	2.8
Latino/Hispanic – American	964	12.2	176	11.6	788	12.3
Multi-Racial/Ethnic	361	4.6	85	5.6	276	4.3
Native American/Alaskan	14	0.2	6	0.4	8	0.1
White / Not Hispanic	4461	56.4	861	56.6	3600	56.4

Participation by Economic Status

Table 13. Number and Percentage of Students Assessed who are Economically Disadvantaged by Content at Each Test Level

Content	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Reading	11922	62.9	6825	61.1	5097	65.6
Math	11919	63.0	7055	61.1	4864	65.9
Science	4916	62.2	799	52.5	4117	64.5

Participation by English Learner Students

Table 14. Number and Percentage of English Learners Assessed by Content at Each Test Level

Content	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Reading	1093	5.8	734	6.6	359	4.6
Math	1110	5.9	738	6.4	372	5.0
Science	441	5.6	61	4.0	380	5.9

Table 15. Number and Percentage of English Learners Assessed by Primary Disability Category - ELA

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	336	30.7	232	31.6	104	29.0
Deaf-Blind	0	0.0	0	0.0	0	0.0
Deafness / Hearing Impairment	6	0.5	2	0.3	4	1.1
Emotional Disturbance	8	0.7	6	0.8	2	0.6
Intellectual Disability	483	44.2	340	46.3	143	39.8
Learning Disability	114	10.4	49	6.7	65	18.1
Multiple Disabilities	54	4.9	52	7.1	2	0.6
Orthopedic Impairment	4	0.4	2	0.3	2	0.6
Other Health Impairment	67	6.1	40	5.4	27	7.5
Speech / Language Impairment	11	1.0	3	0.4	8	2.2
Traumatic Brain Injury	4	0.4	3	0.4	1	0.3
Visual Impairment	6	0.5	5	0.7	1	0.3

Table 16. Number and Percentage of English Learners Assessed by Primary Disability Category - Math

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	340	30.6	235	31.8	105	28.2
Deaf-Blind	0	0.0	0	0.0	0	0.0
Deafness / Hearing Impairment	7	0.6	3	0.4	4	1.1
Emotional Disturbance	9	0.8	6	0.8	3	0.8
Intellectual Disability	490	44.1	345	46.7	145	39.0
Learning Disability	115	10.4	42	5.7	73	19.6
Multiple Disabilities	56	5.0	55	7.5	1	0.3
Orthopedic Impairment	4	0.4	3	0.4	1	0.3
Other Health Impairment	68	6.1	39	5.3	29	7.8
Speech / Language Impairment	11	1.0	3	0.4	8	2.2
Traumatic Brain Injury	4	0.4	3	0.4	1	0.3
Visual Impairment	6	0.5	4	0.5	2	0.5

Table 17. Number and Percentage of English Learners Assessed by Primary Disability Category - Science

Primary Disability	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Autism	139	31.5	27	44.3	112	29.5
Deaf-Blind	0	0.0	0	0.0	0	0.0
Deafness / Hearing Impairment	4	0.9	0	0.0	4	1.1
Emotional Disturbance	3	0.7	0	0.0	3	0.8
Intellectual Disability	189	42.9	18	29.5	171	45.0
Learning Disability	46	10.4	1	1.6	45	11.8
Multiple Disabilities	18	4.1	11	18.0	7	1.8
Orthopedic Impairment	1	0.2	0	0.0	1	0.3
Other Health Impairment	31	7.0	3	4.9	28	7.4
Speech / Language Impairment	5	1.1	0	0.0	5	1.3
Traumatic Brain Injury	2	0.5	0	0.0	2	0.5
Visual Impairment	3	0.7	1	1.6	2	0.5

Students who Required Accommodations

Table 18. Number of Students Assessed using Specific Accommodations on the 2019 PASA - ELA

Accommodations	Overall	Tier 1	Tier 2
Grade 3			
Used sign language	4	3	1
Used an interpreter	14	14	0
Used tactual adaptations	4	4	0
Used objects (other than those provided by PASA)	9	8	1
Used assistive technology	54	54	0
Used eye gaze	18	18	0
Grade 4			
Used sign language	3	3	0
Used an interpreter	5	5	0
Used tactual adaptations	4	4	0
Used objects (other than those provided by PASA)	7	7	0
Used assistive technology	36	30	6
Used eye gaze	23	22	1
Grade 5			
Used sign language	10	8	2
Used an interpreter	14	14	0
Used tactual adaptations	9	7	2
Used objects (other than those provided by PASA)	10	8	2
Used assistive technology	50	42	8
Used eye gaze	33	32	1

Table 18 (con't). Number of Students Assessed using Specific Accommodations on the 2019 PASA – ELA

Accommodations	Overall	Tier 1	Tier 2
Grade 6			
Used sign language	2	2	0
Used an interpreter	14	10	4
Used tactual adaptations	5	3	2
Used objects (other than those provided by PASA)	2	2	0
Used assistive technology	39	33	6
Used eye gaze	28	26	2
Grade 7			
Used sign language	1	1	0
Used an interpreter	9	7	2
Used tactual adaptations	4	4	0
Used objects (other than those provided by PASA)	10	5	5
Used assistive technology	44	33	11
Used eye gaze	9	9	0
Grade 8			
Used sign language	6	6	0
Used an interpreter	11	3	8
Used tactual adaptations	7	3	4
Used objects (other than those provided by PASA)	2	1	1
Used assistive technology	51	35	16
Used eye gaze	22	21	1
Grade 11			
Used sign language	11	5	6
Used an interpreter	10	8	2
Used tactual adaptations	3	2	1
Used objects (other than those provided by PASA)	8	8	0
Used assistive technology	40	40	0
Used eye gaze	21	20	1
Total			
Used sign language	37	28	9
Used an interpreter	77	61	16
Used tactual adaptations	36	27	9
Used objects (other than those provided by PASA)	48	39	9
Used assistive technology	314	267	47
Used eye gaze	154	148	6

Table 19. Number of Students Assessed using Specific Accommodations on the 2019 PASA - Math

Accommodations	Overall	Tier 1	Tier 2
Grade 3			
Used sign language	4	3	1
Used an interpreter	14	14	0
Used tactual adaptations	10	10	0
Used objects (other than those provided by PASA)	86	77	9
Used assistive technology	54	54	0
Used eye gaze	18	18	0
Grade 4			
Used sign language	3	3	0
Used an interpreter	5	4	1
Used tactual adaptations	12	12	0
Used objects (other than those provided by PASA)	79	59	20
Used assistive technology	36	32	4
Used eye gaze	23	23	0
Grade 5			
Used sign language	10	8	2
Used an interpreter	15	15	0
Used tactual adaptations	19	14	5
Used objects (other than those provided by PASA)	57	35	22
Used assistive technology	48	41	7
Used eye gaze	33	31	2
Grade 6			
Used sign language	3	2	1
Used an interpreter	14	9	5
Used tactual adaptations	12	9	3
Used objects (other than those provided by PASA)	76	42	34
Used assistive technology	41	34	7
Used eye gaze	28	27	1
Grade 7			
Used sign language	1	1	0
Used an interpreter	10	7	3
Used tactual adaptations	8	8	0
Used objects (other than those provided by PASA)	100	40	60
Used assistive technology	44	32	12
Used eye gaze	9	9	0
Grade 8			
Used sign language	6	5	1
Used an interpreter	13	6	7
Used tactual adaptations	11	5	6
Used objects (other than those provided by PASA)	60	26	34
Used assistive technology	51	36	15
Used eye gaze	22	21	1

Table 19 (con't). Number of Students Assessed using Specific Accommodations on the 2019 PASA - Math

Accommodations	Overall	Tier 1	Tier 2
Grade 11			
Used sign language	11	5	6
Used an interpreter	10	9	1
Used tactual adaptations	7	6	1
Used objects (other than those provided by PASA)	30	20	10
Used assistive technology	40	40	0
Used eye gaze	21	20	1
Total			
Used sign language	38	27	11
Used an interpreter	81	64	17
Used tactual adaptations	79	64	15
Used objects (other than those provided by PASA)	488	299	189
Used assistive technology	314	269	45
Used eye gaze	154	149	5

Table 20. Number of Students Assessed using Specific Accommodations on the 2019 PASA - Science

Accommodations	Overall	Tier 1	Tier 2
Grade 4			
Used sign language	3	3	0
Used an interpreter	5	2	3
Used tactual adaptations	4	3	1
Used objects (other than those provided by PASA)	8	6	2
Used assistive technology	34	16	18
Used eye gaze	23	20	3
Grade 8			
Used sign language	6	1	5
Used an interpreter	13	1	12
Used tactual adaptations	9	4	5
Used objects (other than those provided by PASA)	5	2	3
Used assistive technology	46	23	23
Used eye gaze	22	18	4
Grade 11			
Used sign language	11	3	8
Used an interpreter	9	4	5
Used tactual adaptations	7	3	4
Used objects (other than those provided by PASA)	9	4	5
Used assistive technology	41	24	17
Used eye gaze	21	19	2
Total			
Used sign language	20	7	13
Used an interpreter	27	7	20
Used tactual adaptations	20	10	10
Used objects (other than those provided by PASA)	22	12	10
Used assistive technology	121	63	58
Used eye gaze	66	57	9

Section 2 – 2019 PASA Assessment Outcomes

Testing Terminated

Table 21. Number and Percentage of Students Assessed by Content whose Assessments were Terminated Prior to Completion¹

Content	Overall		Tier 1		Tier 2	
	n	%	n	%	n	%
Reading	1518	8.0	1496	13.4	22	0.3
Math	1637	8.6	1599	13.9	38	0.5
Science	613	7.8	585	38.5	28	0.4

Cut Scores

Table 22. Cut Scores and 2019 Test Mean by Grade Level - ELA

Tier	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 3				
Tier 1	269	300	370	275
Tier 2	456	500	535	525
Grade 4				
Tier 1	277	300	341	290
Tier 2	480	500	572	550
Grade 5				
Tier 1	274	300	351	284
Tier 2	450	500	545	519
Grade 6				
Tier 1	276	300	328	271
Tier 2	457	500	587	537
Grade 7				
Tier 1	274	300	346	274
Tier 2	460	500	533	518
Grade 8				
Tier 1	284	300	321	272
Tier 2	462	500	548	513

¹ 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**. The attempts to complete the three skills must be captured on video or narrative notes and must occur within the first four skills of the test for the given subject. **Do not discontinue testing just because three consecutive incorrect responses occur in the middle of the test**; discontinue if you believe the student is unable to participate meaningfully. When you discontinue the test, the student will earn the lowest performance level (emerging) in that subject area, but he or she will be included in the accountability process. Assessors may also discontinue testing for a medical emergency or if the student is engaging in self-injurious or dangerous behavior.

Table 22 (con't). Cut Scores and 2019 Test Mean by Grade Level - ELA

Tier	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 11				
Tier 1	286	300	323	270
Tier 2	484	500	534	542

Table 23. Cut Scores and 2019 Test Mean by Grade Level - Math

Tier	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 3				
Tier 1	266	300	341	282
Tier 2	465	500	568	534
Grade 4				
Tier 1	282	300	345	291
Tier 2	461	500	569	504
Grade 5				
Tier 1	271	300	343	264
Tier 2	468	500	553	504
Grade 6				
Tier 1	275	300	349	270
Tier 2	443	500	559	509
Grade 7				
Tier 1	267	300	336	264
Tier 2	429	500	554	527
Grade 8				
Tier 1	265	300	336	271
Tier 2	478	500	552	508
Grade 11				
Tier 1	285	300	357	273
Tier 2	449	500	514	499

Table 24. Cut Scores and 2019 Test Mean by Grade Level - Science

Tier	Emerging/Novice	Novice/Proficient	Proficient/Advanced	Mean Scale Score
Grade 4				
Tier 1	260	300	379	239
Tier 2	433	500	573	487
Grade 8				
Tier 1	257	300	376	249
Tier 2	430	500	579	494
Grade 11				
Tier 1	267	300	374	262
Tier 2	426	500	578	493

Performance Levels Overall by Subject and Test Level

Table 25. Number and Percentage of Students Classified at Each Performance Level

Tier	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
Tier 1	1197	10.7	2970	26.6	1638	14.7	5364	48.0
Tier 2	2495	32.1	3231	41.6	1411	18.1	638	8.2
Total	3692	19.5	6201	32.7	3049	16.1	6002	31.7
Math								
Tier 1	1123	9.7	2754	23.9	2016	17.5	5650	48.9
Tier 2	1607	21.8	2825	38.2	1997	27.0	957	13.0
Total	2730	14.4	5579	29.5	4013	21.2	6607	34.9
Science								
Tier 1	6	0.4	103	6.8	335	22.0	1077	70.8
Tier 2	95	1.5	3351	52.5	2126	33.3	815	12.8
Total	101	1.3	3454	43.7	2461	31.1	1892	23.9

Performance Levels Overall by Gender

Table 26. Number and Percentage of Students Classified at Each Performance Level by Gender

Male								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
Tier 1	824	10.9	2022	26.6	1078	14.2	3670	48.3
Tier 2	1685	32.3	2164	41.5	920	17.6	446	8.6
Total	2509	19.6	4186	32.7	1998	15.6	4116	32.1
Math								
Tier 1	826	10.6	1843	23.7	1315	16.9	3783	48.7
Tier 2	1184	23.5	1933	38.4	1319	26.2	594	11.8
Total	2010	15.7	3776	29.5	2634	20.6	4377	34.2
Science								
Tier 1	3	0.3	70	6.7	228	21.9	738	71.0
Tier 2	77	1.8	2316	54.2	1358	31.8	522	12.2
Total	80	1.5	2386	44.9	1586	29.9	1260	23.7
Female								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
Tier 1	370	10.4	945	26.6	557	15.7	1687	47.4
Tier 2	808	31.7	1065	41.7	489	19.2	190	7.4
Total	1178	19.3	2010	32.9	1046	17.1	1877	30.7
Math								
Tier 1	295	7.8	908	24.2	695	18.5	1861	49.5
Tier 2	423	18.0	889	37.8	677	28.8	360	15.3
Total	718	11.8	1797	29.4	1372	22.5	2221	36.4
Science								
Tier 1	3	0.6	33	6.9	106	22.1	338	70.4
Tier 2	18	0.9	1031	48.9	765	36.3	293	13.9
Total	21	0.8	1064	41.1	871	33.7	631	24.4

Performance Levels Overall by Primary Disability

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

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	6744	15.5	28.3	16.4	39.9
Deaf-Blind	25	8.0	4.0	8.0	80.0
Deafness / Hearing Impairment	86	12.8	22.1	26.7	38.4
Emotional Disturbance	276	39.9	46.4	10.5	3.3
Intellectual Disability	7570	18.8	37.0	18.9	25.3
Learning Disability	1331	44.6	46.2	7.1	2.0
Multiple Disabilities	1310	5.0	7.6	9.6	77.8
Orthopedic Impairment	75	21.3	30.7	26.7	21.3
Other Health Impairment	1192	30.3	42.6	14.3	12.8
Speech / Language Impairment	116	29.3	39.7	22.4	8.6
Traumatic Brain Injury	83	22.9	38.6	9.6	28.9
Visual Impairment	136	11.0	12.5	10.3	66.2
Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	4123	7.2	21.8	13.5	57.5
Deaf-Blind	22	4.5	0.0	4.5	90.9
Deafness / Hearing Impairment	52	11.5	17.3	17.3	53.8
Emotional Disturbance	121	36.4	47.1	9.9	6.6
Intellectual Disability	4504	12.2	32.2	18.2	37.4
Learning Disability	398	35.7	54.0	7.5	2.8
Multiple Disabilities	1192	2.8	5.4	8.9	83.0
Orthopedic Impairment	40	15.0	25.0	25.0	35.0
Other Health Impairment	522	19.3	43.7	13.2	23.8
Speech / Language Impairment	47	12.8	40.4	27.7	19.1
Traumatic Brain Injury	44	13.6	27.3	11.4	47.7
Visual Impairment	104	6.7	4.8	5.8	82.7

Table 27 (con't). Number and Percentage of Students Classified at Each Performance Level by Primary Disability - ELA

Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2621	28.5	38.6	20.8	12.1
Deaf-Blind	3	33.3	33.3	33.3	0.0
Deafness / Hearing Impairment	34	14.7	29.4	41.2	14.7
Emotional Disturbance	155	42.6	45.8	11.0	0.6
Intellectual Disability	3066	28.5	44.0	20.0	7.5
Learning Disability	933	48.4	42.9	7.0	1.7
Multiple Disabilities	118	27.1	30.5	16.9	25.4
Orthopedic Impairment	35	28.6	37.1	28.6	5.7
Other Health Impairment	670	38.8	41.8	15.2	4.2
Speech / Language Impairment	69	40.6	39.1	18.8	1.4
Traumatic Brain Injury	39	33.3	51.3	7.7	7.7
Visual Impairment	32	25.0	37.5	25.0	12.5

Table 28. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Math

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	6743	16.1	27.7	18.3	37.9
Deaf-Blind	25	8.0	4.0	4.0	84.0
Deafness / Hearing Impairment	87	18.4	33.3	21.8	26.4
Emotional Disturbance	275	28.4	41.5	21.5	8.7
Intellectual Disability	7564	10.6	30.2	26.4	32.7
Learning Disability	1328	33.5	45.8	15.7	5.0
Multiple Disabilities	1307	1.7	6.5	10.6	81.2
Orthopedic Impairment	75	6.7	34.7	25.3	33.3
Other Health Impairment	1192	19.3	39.3	23.2	18.1
Speech / Language Impairment	115	25.2	42.6	22.6	9.6
Traumatic Brain Injury	83	10.8	27.7	26.5	34.9
Visual Impairment	135	3.7	13.3	8.9	74.1

Table 28 (con't) Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Math

Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	4230	10.5	21.3	15.5	52.7
Deaf-Blind	23	4.3	4.3	4.3	87.0
Deafness / Hearing Impairment	53	13.2	26.4	18.9	41.5
Emotional Disturbance	122	27.9	42.6	20.5	9.0
Intellectual Disability	4725	8.1	27.2	21.6	43.0
Learning Disability	390	36.2	46.2	12.8	4.9
Multiple Disabilities	1212	0.7	5.1	9.1	85.1
Orthopedic Impairment	42	4.8	26.2	19.0	50.0
Other Health Impairment	547	16.1	38.0	18.6	27.2
Speech / Language Impairment	50	20.0	38.0	24.0	18.0
Traumatic Brain Injury	46	6.5	21.7	26.1	45.7
Visual Impairment	103	1.0	8.7	8.7	81.6
Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2513	25.6	38.5	23.0	13.0
Deaf-Blind	2	50.0	0.0	0.0	50.0
Deafness / Hearing Impairment	34	26.5	44.1	26.5	2.9
Emotional Disturbance	153	28.8	40.5	22.2	8.5
Intellectual Disability	2839	14.7	35.3	34.4	15.6
Learning Disability	938	32.4	45.6	16.8	5.1
Multiple Disabilities	95	14.7	24.2	30.5	30.5
Orthopedic Impairment	33	9.1	45.5	33.3	12.1
Other Health Impairment	645	22.0	40.5	27.1	10.4
Speech / Language Impairment	65	29.2	46.2	21.5	3.1
Traumatic Brain Injury	37	16.2	35.1	27.0	21.6
Visual Impairment	32	12.5	28.1	9.4	50.0

Table 29. Number and Percentage of Students Classified at Each Performance Level by Primary Disability - Science

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2715	1.6	38.9	31.8	27.7
Deaf-Blind	8	0.0	0.0	25.0	75.0
Deafness / Hearing Impairment	29	0.0	34.5	44.8	20.7
Emotional Disturbance	121	3.3	78.5	14.9	3.3
Intellectual Disability	3265	0.6	43.5	36.5	19.4
Learning Disability	543	4.1	81.2	13.6	1.1
Multiple Disabilities	565	0.4	9.2	23.4	67.1
Orthopedic Impairment	29	0.0	48.3	37.9	13.8
Other Health Impairment	493	1.2	63.5	24.3	11.0
Speech / Language Impairment	40	7.5	60.0	30.0	2.5
Traumatic Brain Injury	33	0.0	45.5	27.3	27.3
Visual Impairment	67	1.5	19.4	20.9	58.2
Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	666	0.3	7.1	25.5	67.1
Deaf-Blind	4	0.0	0.0	0.0	100.0
Deafness / Hearing Impairment	0	-	-	-	-
Emotional Disturbance	1	0.0	0.0	100.0	0.0
Intellectual Disability	402	0.2	10.0	27.9	61.9
Learning Disability	4	50.0	0.0	25.0	25.0
Multiple Disabilities	353	0.3	2.3	10.2	87.3
Orthopedic Impairment	3	0.0	33.3	0.0	66.7
Other Health Impairment	41	0.0	17.1	24.4	58.5
Speech / Language Impairment	1	0.0	0.0	0.0	100.0
Traumatic Brain Injury	5	0.0	0.0	0.0	100.0
Visual Impairment	41	0.0	0.0	12.2	87.8
Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	2049	2.0	49.3	33.9	14.8
Deaf-Blind	4	0.0	0.0	50.0	50.0
Deafness / Hearing Impairment	29	0.0	34.5	44.8	20.7
Emotional Disturbance	120	3.3	79.2	14.2	3.3
Intellectual Disability	2863	0.7	48.2	37.7	13.4
Learning Disability	539	3.7	81.8	13.5	0.9
Multiple Disabilities	212	0.5	20.8	45.3	33.5
Orthopedic Impairment	26	0.0	50.0	42.3	7.7
Other Health Impairment	452	1.3	67.7	24.3	6.6
Speech / Language Impairment	39	7.7	61.5	30.8	0.0
Traumatic Brain Injury	28	0.0	53.6	32.1	14.3
Visual Impairment	26	3.8	50.0	34.6	11.5

Table 30. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - ELA

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	336	11.0	32.1	19.0	37.8
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	6	0.0	16.7	66.7	16.7
Emotional Disturbance	8	37.5	62.5	0.0	0.0
Intellectual Disability	483	12.6	35.6	25.3	26.5
Learning Disability	114	25.4	54.4	16.7	3.5
Multiple Disabilities	54	1.9	1.9	11.1	85.2
Orthopedic Impairment	4	50.0	50.0	0.0	0.0
Other Health Impairment	67	26.9	49.3	9.0	14.9
Speech / Language Impairment	11	18.2	45.5	36.4	0.0
Traumatic Brain Injury	4	0.0	75.0	0.0	25.0
Visual Impairment	6	33.3	33.3	0.0	33.3
Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	232	5.6	25.4	17.7	51.3
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	2	0.0	0.0	100.0	0.0
Emotional Disturbance	6	33.3	66.7	0.0	0.0
Intellectual Disability	340	10.0	34.7	21.8	33.5
Learning Disability	49	20.4	57.1	18.4	4.1
Multiple Disabilities	52	1.9	0.0	11.5	86.5
Orthopedic Impairment	2	50.0	50.0	0.0	0.0
Other Health Impairment	40	25.0	47.5	10.0	17.5
Speech / Language Impairment	3	0.0	66.7	33.3	0.0
Traumatic Brain Injury	3	0.0	66.7	0.0	33.3
Visual Impairment	5	40.0	20.0	0.0	40.0
Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	104	23.1	47.1	22.1	7.7
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	4	0.0	25.0	50.0	25.0
Emotional Disturbance	2	50.0	50.0	0.0	0.0
Intellectual Disability	143	18.9	37.8	33.6	9.8
Learning Disability	65	29.2	52.3	15.4	3.1
Multiple Disabilities	2	0.0	50.0	0.0	50.0
Orthopedic Impairment	2	50.0	50.0	0.0	0.0
Other Health Impairment	27	29.6	51.9	7.4	11.1
Speech / Language Impairment	8	25.0	37.5	37.5	0.0
Traumatic Brain Injury	1	0.0	100.0	0.0	0.0
Visual Impairment	1	0.0	100.0	0.0	0.0

Table 31. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - Math

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	277	25.6	34.3	18.4	21.7
Deaf-Blind	1	0	0	100	0
Deafness / Hearing Impairment	9	33.3	55.6	11.1	0
Emotional Disturbance	10	20	50	10	20
Intellectual Disability	465	22.4	35.7	28	14
Learning Disability	153	35.3	41.2	17	6.5
Multiple Disabilities	55	7.3	20	12.7	60
Orthopedic Impairment	4	0	50	50	0
Other Health Impairment	79	32.9	31.6	26.6	8.9
Speech / Language Impairment	11	54.5	27.3	18.2	0
Traumatic Brain Injury	5	20	40	40	0
Visual Impairment	3	0	33.3	0	66.7
Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	165	30.9	23	16.4	29.7
Deaf-Blind	0	0	0	0	0
Deafness / Hearing Impairment	1	100	0	0	0
Emotional Disturbance	6	33.3	16.7	16.7	33.3
Intellectual Disability	268	31.3	32.1	16.8	19.8
Learning Disability	38	68.4	23.7	2.6	5.3
Multiple Disabilities	52	7.7	19.2	9.6	63.5
Orthopedic Impairment	1	0	0	100	0
Other Health Impairment	39	56.4	20.5	10.3	12.8
Speech / Language Impairment	2	100	0	0	0
Traumatic Brain Injury	4	25	50	25	0
Visual Impairment	3	0	33.3	0	66.7
Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	75	20	44	29.3	6.7
Deaf-Blind	1	0	0	100	0
Deafness / Hearing Impairment	5	20	60	20	0
Emotional Disturbance	4	0	100	0	0
Intellectual Disability	165	9.1	37.6	47.9	5.5
Learning Disability	73	34.2	37	28.8	0
Multiple Disabilities	2	0	0	100	0
Orthopedic Impairment	3	0	66.7	33.3	0
Other Health Impairment	30	10	40	46.7	3.3
Speech / Language Impairment	7	42.9	28.6	28.6	0
Traumatic Brain Injury	1	0	0	100	0
Visual Impairment	0	0	0	0	0

Table 32. Number and Percentage of English Learners Classified at Each Performance Level by Primary Disability - Science

Primary Disability	Overall				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	139	2.9	34.5	35.3	27.3
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	431	0.0	50.0	25.0	25.0
Emotional Disturbance	3	0.0	66.7	33.3	0.0
Intellectual Disability	189	0.0	38.1	36.0	25.9
Learning Disability	46	2.2	73.9	19.6	4.3
Multiple Disabilities	18	0.0	11.1	22.2	66.7
Orthopedic Impairment	31	0.0	67.7	25.8	6.5
Other Health Impairment	1	0.0	0.0	100.0	0.0
Speech / Language Impairment	5	20.0	80.0	0.0	0.0
Traumatic Brain Injury	2	0.0	0.0	50.0	50.0
Visual Impairment	3	0.0	33.3	33.3	33.3
Primary Disability	Tier 1				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	27	0.0	0.0	33.3	66.7
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	0	-	-	-	-
Emotional Disturbance	0	-	-	-	-
Intellectual Disability	18	0.0	11.1	16.7	72.2
Learning Disability	1	100.0	0.0	0.0	0.0
Multiple Disabilities	11	0.0	0.0	18.2	81.8
Orthopedic Impairment	0	-	-	-	-
Other Health Impairment	3	0.0	33.3	0.0	66.7
Speech / Language Impairment	0	-	-	-	-
Traumatic Brain Injury	0	-	-	-	-
Visual Impairment	1	0.0	0.0	0.0	100.0
Primary Disability	Tier 2				
	Tested n	Advanced %	Proficient %	Novice %	Emerging %
Autism	112	3.6	42.9	35.7	17.9
Deaf-Blind	0	-	-	-	-
Deafness / Hearing Impairment	4	0.0	50.0	25.0	25.0
Emotional Disturbance	3	0.0	66.7	33.3	0.0
Intellectual Disability	171	0.0	40.9	38.0	21.1
Learning Disability	45	0.0	75.6	20.0	4.4
Multiple Disabilities	7	0.0	28.6	28.6	42.9
Orthopedic Impairment	28	0.0	71.4	28.6	0.0
Other Health Impairment	1	0.0	0.0	100.0	0.0
Speech / Language Impairment	5	20.0	80.0	0.0	0.0
Traumatic Brain Injury	2	0.0	0.0	50.0	50.0
Visual Impairment	2	0.0	50.0	50.0	0.0

Performance Levels Overall by Ethnicity

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

Overall					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	4561	18.6	36.2	17.3	27.9
Asian /Pacific Islander	572	8.7	26.4	20.6	44.2
Latino/ Hispanic –American	2479	16.9	33.2	17.1	32.8
Multi-Racial/Ethnic	971	18.0	30.7	17.6	33.7
Native American /Alaskan	32	6.3	31.3	9.4	53.1
White /Not Hispanic	10329	21.3	31.7	14.9	32.1
Tier 1					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	2654	11.9	29.8	15.4	42.8
Asian /Pacific Islander	387	3.6	18.9	16.5	61.0
Latino/ Hispanic –American	1629	11.2	27.9	15.8	45.0
Multi-Racial/Ethnic	598	9.4	25.3	15.7	49.7
Native American /Alaskan	24	0.0	20.8	12.5	66.7
White /Not Hispanic	5877	10.7	25.4	13.8	50.1
Tier 2					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1907	28.1	44.9	19.9	7.1
Asian /Pacific Islander	185	19.5	42.2	29.2	9.2
Latino/ Hispanic –American	850	27.9	43.2	19.5	9.4
Multi-Racial/Ethnic	373	31.9	39.4	20.6	8.0
Native American /Alaskan	8	25.0	62.5	0.0	12.5
White /Not Hispanic	4452	35.2	39.9	16.5	8.4

Table 34. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Math

Overall					
Ethnicity	Tested n	Advanced %	Proficient %	Novice %	Emerging %
African American / Black	4558	12.7	33.1	22.2	32.0
Asian /Pacific Islander	577	17.2	22.9	16.5	43.5
Latino/ Hispanic –American	2484	14.3	29.1	22.5	34.0
Multi-Racial/Ethnic	971	14.1	28.6	20.9	36.4
Native American /Alaskan	32	6.3	25.0	15.6	53.1
White /Not Hispanic	10307	15.1	28.4	20.8	35.7

Table 34 (con't). Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Math

Ethnicity	Tested n	Tier 1			
		Advanced %	Proficient %	Novice %	Emerging %
African American / Black	2757	9.7	27.6	18.5	44.2
Asian /Pacific Islander	391	9.2	17.9	15.1	57.8
Latino/ Hispanic –American	1659	10.2	25.3	19.2	45.3
Multi-Racial/Ethnic	620	11.1	21.1	17.7	50.0
Native American /Alaskan	25	8.0	12.0	12.0	68.0
White /Not Hispanic	6091	9.5	22.5	16.7	51.4

Ethnicity	Tested n	Tier 2			
		Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1801	17.3	41.5	27.8	13.4
Asian /Pacific Islander	186	33.9	33.3	19.4	13.4
Latino/ Hispanic –American	825	22.5	36.8	29.2	11.4
Multi-Racial/Ethnic	351	19.4	41.9	26.5	12.3
Native American /Alaskan	7	0.0	71.4	28.6	0.0
White /Not Hispanic	4216	23.2	37.0	26.7	13.1

Table 35. Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Science

Ethnicity	Tested n	Overall			
		Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1870	0.5	44.5	34.4	20.5
Asian /Pacific Islander	238	0.8	32.4	37.4	29.4
Latino/ Hispanic –American	964	1.3	41.4	30.9	26.3
Multi-Racial/Ethnic	361	0.3	42.7	25.2	31.9
Native American /Alaskan	14	0.0	28.6	14.3	57.1
White /Not Hispanic	4461	1.7	44.5	30.0	23.8

Ethnicity	Tested n	Tier 1			
		Advanced %	Proficient %	Novice %	Emerging %
African American / Black	331	0.0	7.9	23.6	68.6
Asian /Pacific Islander	62	0.0	9.7	25.8	64.5
Latino/ Hispanic –American	176	0.6	4.5	18.8	76.1
Multi-Racial/Ethnic	85	0.0	4.7	17.6	77.6
Native American /Alaskan	6	0.0	0.0	0.0	100.0
White /Not Hispanic	861	0.6	6.9	22.4	70.2

Table 35 (con't). Number and Percentage of Students Classified at Each Performance Level by Ethnicity - Science

Ethnicity	Tested n	Tier 2 Advanced %	Proficient %	Novice %	Emerging %
African American / Black	1539	0.6	52.4	36.8	10.1
Asian /Pacific Islander	176	1.1	40.3	41.5	17.0
Latino/ Hispanic –American	788	1.5	49.6	33.6	15.2
Multi-Racial/Ethnic	276	0.4	54.3	27.5	17.8
Native American /Alaskan	8	0.0	50.0	25.0	25.0
White /Not Hispanic	3600	1.9	53.6	31.8	12.7

Performance Levels Overall by Economic Status

Table 36. Number and Percentage of Economically Disadvantaged Students Classified at Each Performance Level

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Reading					
Tier 1	6825	12.8	30.7	14.7	41.8
Tier 2	5097	33.0	43.5	17.2	6.3
Total	11922	21.5	36.2	15.8	26.6
Math					
Tier 1	7055	11.3	27.2	18.2	43.3
Tier 2	4864	21.3	40.2	27.1	11.4
Total	11919	15.4	32.5	21.8	30.3
Science					
Tier 1	799	0.4	6.5	21.3	71.8
Tier 2	4117	1.3	56.1	31.8	10.8
Total	4916	1.2	48.0	30.1	20.7

Performance Levels Overall for English Learner Students

Table 37. Number and Percentage of English Learners Classified at Each Performance Level

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Reading					
Tier 1	734	9.9	31.9	18.7	39.5
Tier 2	359	22.8	44.6	24.5	8.1
Total	1093	14.2	36.0	20.6	29.2
Math					
Tier 1	738	10.2	27.5	22.4	40.0
Tier 2	372	21.8	39.2	26.6	12.4
Total	1110	14.1	31.4	23.8	30.7
Science					
Tier 1	61	1.6	4.9	23.0	70.5
Tier 2	380	1.3	48.2	33.9	16.6
Total	441	1.4	42.2	32.4	24.0

Performance Levels Overall for Students Using Accommodations

Table 38. Number and Percentage of Students Classified at Each Performance Level using Accommodations-ELA

Tier	Total n	Advanced %	Proficient %	Novice %	Emerging %
Used Sign Language					
Tier 1	28	3.6	21.4	21.4	53.6
Tier 2	9	33.3	44.4	11.1	11.1
Total	37	10.8	27.0	18.9	43.2
Used Interpreter					
Tier 1	61	1.6	8.2	13.1	77.1
Tier 2	16	6.3	25.0	37.5	31.3
Total	77	2.6	11.7	18.2	67.5
Used Tactual					
Tier 1	27	3.7	11.1	7.4	77.8
Tier 2	9	22.2	33.3	33.3	11.1
Total	36	8.3	16.7	13.9	61.1
Used Objects					
Tier 1	39	5.1	12.8	10.3	71.8
Tier 2	9	22.2	22.2	33.3	22.2
Total	48	8.3	14.6	14.6	62.5
Used Assistive Technology					
Tier 1	267	2.6	7.87	11.2	78.3
Tier 2	47	19.2	42.6	19.2	19.2
Total	314	5.1	13.1	12.4	69.4
Used Eye Gaze					
Tier 1	148	0.7	4.7	1.4	93.2
Tier 2	6	-	16.7	16.7	66.7
Total	154	0.7	5.2	2.0	92.2

Table 39. Number and Percentage of Students Classified at Each Performance Level using Accommodations-Math

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Used Sign Language					
Tier 1	27	3.7	18.5	18.5	59.3
Tier 2	11	9.1	18.2	54.6	18.2
Total	38	5.3	18.4	29.0	47.4
Used Interpreter					
Tier 1	64	3.1	18.8	14.1	64.1
Tier 2	17	17.7	41.2	41.2	-
Total	81	6.2	23.5	19.8	50.6
Used Tactual					
Tier 1	64	1.6	7.8	10.9	79.7
Tier 2	15	20.0	20.0	13.3	46.7
Total	79	5.1	10.1	11.4	73.4
Used Objects					
Tier 1	299	8.4	26.8	18.4	46.5
Tier 2	189	15.3	41.8	29.6	13.2
Total	488	11.1	32.6	22.8	33.6
Used Assistive Technology					
Tier 1	269	4.1	10.0	11.2	74.7
Tier 2	45	26.7	24.4	22.2	26.7
Total	314	7.3	12.1	12.7	67.8
Used Eye Gaze					
Tier 1	149	0.7	1.3	3.4	94.6
Tier 2	5	-	-	20.0	80.0
Total	154	0.7	1.3	3.9	94.2

Table 40. Number and Percentage of Students Classified at Each Performance Level using Accommodations-Science

Level	Total n	Advanced %	Proficient %	Novice %	Emerging %
Used Sign Language					
Tier 1	7	-	-	-	100
Tier 2	13	-	46.2	38.5	15.4
Total	20	-	30	25	45
Used Interpreter					
Tier 1	7	-	14.3	28.6	57.1
Tier 2	20	-	20	60	20
Total	27	-	18.5	51.9	29.6
Used Tactual					
Tier 1	10	-	-	20	80
Tier 2	10	-	50	30	20
Total	20	-	25	25	50
Used Objects					
Tier 1	12	-	8.3	16.7	75
Tier 2	10	-	20	40	40
Total	22	-	13.6	27.3	59.1
Used Assistive Technology					
Tier 1	63	-	1.6	25.4	73
Tier 2	58	1.7	25.9	41.4	31
Total	121	0.8	13.2	33.1	52.9
Used Eye Gaze					
Tier 1	57	-	1.8	8.8	89.5
Tier 2	9	-	-	66.7	33.3
Total	66	-	1.5	16.7	81.8

Performance Levels by Recording Medium

Table 41. Number and Percentage of Students Classified at Each Performance Level by Assessment Medium

Video								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
Tier 1	1195	10.7	2968	26.6	1636	14.7	5358	48.0
Tier 2	2491	32.1	3227	41.6	1410	18.2	638	8.2
Total	3686	19.5	6195	32.7	3046	16.1	5996	31.7
Math								
Tier 1	1121	9.7	2752	23.9	2014	17.5	5644	48.9
Tier 2	1604	21.7	2822	38.3	1994	27.0	957	13.0
Total	2725	14.4	5574	29.5	4008	21.2	6601	34.9
Science								
Tier 1	6	0.4	103	6.8	335	22.0	1076	70.8
Tier 2	93	1.5	3345	52.5	2124	33.3	815	12.8
Total	99	1.3	3448	43.7	2459	31.1	1891	23.9
Narrative Notes								
Level	Advanced		Proficient		Novice		Emerging	
	n	%	n	%	n	%	n	%
Reading								
Tier 1	2	16.7	2	16.7	2	16.7	6	50.0
Tier 2	4	44.4	4	44.4	1	11.1	0	0.0
Total	6	28.6	6	28.6	3	14.3	6	28.6
Math								
Tier 1	2	16.7	2	16.7	2	16.7	6	50.0
Tier 2	0	0.0	3	33.3	3	33.3	3	33.3
Total	2	9.5	5	23.8	5	23.8	9	42.9
Science								
Tier 1	0	0.0	0	0.0	0	0.0	1	100.0
Tier 2	2	20.0	6	60.0	2	20.0	0	0.0
Total	2	18.2	6	54.5	2	18.2	1	9.1

Comparison of PASA Results for 2016-2017, 2017-2018, and 2018-2019

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 2019 by grade level and compares it to the state’s results for the years preceding.

Table 42. Percentage of Students Scoring Proficient and Advanced for the Past Three Years²

Content	Level A		Tier 1	Level B		Tier 2	Level C	
	2017	2018	2019	2017	2018	2019	2017	2018
Reading	46.5%	46.8%	37.3%	66.8%	72.4%	73.7%	75.5%	76.7%
Math	38.9%	53.1%	33.6%	56.1%	53.6%	60.0%	63.9%	71.8%
	Tier 1			Tier 2				
	2017	2018	2019	2017	2018	2019		
Science	38.3%	35.5%	7.2%	53.1%	54.0%	53.4%		

² Prior to 2019, the *PASA-ELA* and *PASA-Math* tests had three levels (A, B, and C).

Table 43. Current and Past Results by Performance Category for Students Who Completed the Assessment - ELA

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2019	21	36	17	26	57
2018	27	34	18	21	61
2017	37	22	15	27	59
Grade 3					
2019	8	42	21	29	50
2018	31	31	17	21	62
2017	44	15	12	28	60
Grade 4					
2019	24	40	13	24	64
2018	30	32	16	22	62
2017	48	17	11	24	65
Grade 5					
2019	15	43	21	21	58
2018	33	30	16	20	63
2017	25	30	17	28	55
Grade 6					
2019	15	42	18	24	58
2018	31	32	17	20	63
2017	38	24	11	28	62
Grade 7					
2019	28	28	20	25	55
2018	18	38	22	22	56
2017	36	21	13	31	57
Grade 8					
2019	20	32	22	26	52
2018	22	39	20	19	61
2017	36	20	18	26	56
Grade 11					
2019	39	22	5	34	60
2018	23	36	19	22	59
2017	32	24	20	24	56

Table 44. Current and Past Results by Performance Category for Students Who Completed the Assessment – Math

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2019	16	32	23	29	48
2018	22	35	23	20	57
2017	21	28	21	30	49
Grade 3					
2019	19	33	21	28	52
2018	25	31	19	25	56
2017	23	32	19	25	56
Grade 4					
2019	17	38	17	28	55
2018	34	27	19	20	61
2017	29	30	17	23	60
Grade 5					
2019	10	28	22	40	38
2018	24	31	22	23	55
2017	28	23	25	24	51
Grade 6					
2019	11	38	22	29	49
2018	26	34	22	19	60
2017	21	22	27	30	43
Grade 7					
2019	19	34	28	19	53
2018	10	40	29	21	50
2017	17	33	15	36	49
Grade 8					
2019	13	34	27	25	47
2018	16	41	25	18	57
2017	15	28	25	31	44
Grade 11					
2019	22	20	25	33	42
2018	15	38	27	20	53
2017	8	31	19	41	40

Table 45. Current and Past Results by Performance Category for Students Who Completed the Assessment – Science

Year	Advanced %	Proficient %	Novice %	Emerging %	Proficient and Above %
Overall					
2019	1	44	31	24	45
2018	2	43	34	21	45
2017	3	44	34	19	46
Grade 4					
2019	1	42	25	33	42
2018	2	43	31	24	45
2017	3	42	33	22	45
Grade 8					
2019	1	46	33	20	47
2018	2	43	36	19	45
2017	3	45	36	16	48
Grade 11					
2019	2	43	37	18	45
2018	2	43	34	21	45
2017	3	44	34	19	47