

2019 – 2020 Fall and Summer Operational Results: Supplement to the 2018-2019 LEAP 2025 High School Operational Technical Report: English I, English II, Algebra I, and Geometry

Reason for Supplement

School closures due to COVID-19 affected the administration of the 2019–2020 LEAP 2025 High School (HS) tests. The tests were administered as planned in December 2019; however, Louisiana received approval from the federal and state governments to waive the requirement to administer the spring assessments due to school facilities closing in March 2020. Although the summer administration occurred, it was postponed until July 2020, and fewer students than prior summer administrations participated as shown in Table 1, which compares the student count from the 2018–2019 and 2019–2020 fall and summer administrations.

Table 1 Count of Students in Administrations

	Fall 2018	Fall 2019	Summer 2019	Summer 2020
English I	≥6,680	≥7,730	≥1,900	≥630
English II	≥9,590	≥7,960	≥1,690	≥240
Algebra I	≥5,670	≥5,850	≥1,950	≥420
Geometry	≥5,350	≥4,550	≥270	≥50

Typically, a technical report contains information regarding the development of items and forms as well as the operational results of the administrations. Since the spring 2020 administration was cancelled, there is nothing to report regarding the development and results of the spring 2020 forms. Additionally, item and form development activities for the forms used in fall 2019 and summer 2020 were already documented since they are intact forms that were constructed according to the guidance in the 2018–2019 technical report. Due to these circumstances, the decision was made to forego a traditional technical report and document the operational results of the fall 2019 and summer 2020 administrations in this supplement to the 2018–2019 LEAP 2025 High School Operational Technical Report. The tables included in this supplement are the tables that would exist in a stand-alone technical report if it was produced.

When reviewing the reported results, it is important to note that the fall administration includes initial testers who are on a block schedule as well as retesters, while the summer administration is primarily retesters. When a table includes only fall administration results, it is because it is appropriate to report those results based only on initial testers. Since there are few initial testers in the summer administration, summer results were not always reported. For ease of reference to the 2018–2019 technical report, each section and the table numbers in this supplement coincide with what they would be if a full technical report was produced. At times they will seem to skip a number or chapter, and that is due to not having spring results to report.

Executive Summary

Table E.1 presents the percentage of students in 2019–2020 who were classified in each of the achievement levels for each subject test. In general, students testing in the fall are a mix of initial testers on block schedule and retesters, while students testing in the summer are primarily retesters.

Table E.1 Percentage of Students Classified in Achievement Levels Using 2019–2020 Census Data: English Language Arts and Mathematics

Administration	Course	Unsatisfactory	Approaching Basic	Basic	Mastery	Advanced
Fall 2019	English I	28.4	22.7	19.1	23.6	6.1
	English II	30.7	17.1	17.3	22.5	12.4
	Algebra I	20.6	31.3	22.5	24.2	1.5
	Geometry	4.5	25.4	33.5	29.4	7.2
Summer 2020	English I	69.2	23.0	6.4	1.3	0.2
	English II	78.5	13.4	6.1	NR	NR
	Algebra I	35.3	40.9	18.2	3.3	2.3
	Geometry	17.5	61.4	19.3	NR	NR

Test Administration (Chapter 4)

Tables 4.2 and 4.4 summarize accommodations information for the 2019–2020 LEAP 2025 HS administrations. The analyses are based on census data and include only those students who received accommodations or designated features and received a scale score on the ELA or Mathematics LEAP 2025 HS assessments. The percentage represents the percentage of the census population receiving that accommodation or designated feature. Accommodation assignment guidance is provided in the [LEAP 2025 Accommodations and Accessibility Features User Guide](#).

Table 4.2 Fall 2019 Number and Percentage of Students Receiving Accommodations by Accommodation/Designated Feature Type, as identified in DRC INSIGHT Portal (eDIRECT)

Content	Accommodation/Designated Feature	Number	Percentage
English I	Text-to-Speech	≥1,310	17.0
	Accommodated Paper	<50	NR
	Human Read Aloud	≥280	3.7
	Native Language Word-to-Word Dictionary	≥460	6.0
	Directions in Native Language	≥90	1.2
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Extended Time	≥2,500	32.3
	Individual/Small Group Administration	≥1,270	16.4
	Braille	<50	NR

Content	Accommodation/Designated Feature	Number	Percentage
English II	Text-to-Speech	≥900	11.4
	Accommodated Paper	<50	NR
	Human Read Aloud	≥240	3.1
	Native Language Word-to-Word Dictionary	≥480	6.0
	Directions in Native Language	≥80	1.0
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Extended Time	≥2,230	28.1
	Individual/Small Group Administration	≥1,090	13.8
	Braille	<50	NR
Algebra I	Text-to-Speech	≥1,040	17.8
	Accommodated Paper	<50	NR
	Human Read Aloud	≥180	3.2
	Native Language Word-to-Word Dictionary	≥290	5.0
	Directions in Native Language	≥60	1.1
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Calculator	≥950	16.3
	Extended Time	≥1,690	28.9
	Individual/Small Group Administration	≥830	14.2
Braille	<50	NR	
Geometry	Text-to-Speech	≥360	8.1
	Accommodated Paper	<50	NR
	Human Read Aloud	<50	NR
	Native Language Word-to-Word Dictionary	≥170	3.8
	Directions in Native Language	<50	NR
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Calculator	≥280	6.2
	Extended Time	≥710	15.8
	Individual/Small Group Administration	≥350	7.8
Braille	<50	NR	

Table 4.4 Summer 2020 Number and Percentage of Students Receiving Accommodations by Accommodation/Designated Feature Type, as identified in DRC INSIGHT Portal (eDIRECT)

Content	Accommodation/Designated Feature	Number	Percentage
English I	Text-to-Speech	≥220	34.7
	Accommodated Paper	<50	NR
	Human Read Aloud	<50	NR
	Native Language Word-to-Word Dictionary	≥50	8.3
	Directions in Native Language	<50	NR
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Extended Time	≥350	55.1
	Individual/Small Group Administration	≥200	31.6
	Braille	<50	NR
English II	Text-to-Speech	≥60	27.6
	Accommodated Paper	<50	NR
	Human Read Aloud	<50	NR
	Native Language Word-to-Word Dictionary	<50	NR
	Directions in Native Language	<50	NR
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Extended Time	≥120	50.4
	Individual/Small Group Administration	≥70	30.9
	Braille	<50	NR
Algebra I	Text-to-Speech	≥120	28.0
	Accommodated Paper	<50	NR
	Human Read Aloud	<50	NR
	Native Language Word-to-Word Dictionary	<50	NR
	Directions in Native Language	<50	NR
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Calculator	≥100	25.2
	Extended Time	≥170	41.4
	Individual/Small Group Administration	≥100	23.8
	Braille	<50	NR

Content	Accommodation/Designated Feature	Number	Percentage
Geometry	Text-to-Speech	<50	NR
	Accommodated Paper	<50	NR
	Human Read Aloud	<50	NR
	Native Language Word-to-Word Dictionary	<50	NR
	Directions in Native Language	<50	NR
	Communication Assistance	<50	NR
	Transferred Answers	<50	NR
	Answers Recorded	<50	NR
	Calculator	<50	NR
	Extended Time	<50	NR
	Individual/Small Group Administration	<50	NR
	Braille	<50	NR

Scoring of Constructed-Response and Technology-Enhanced Items (Chapter 5)

The tables that follow present scoring information for the ELA and Math constructed-response items. Some of the ELA items across English I and English II (noted in Table 5.1) were scored by an AI engine, Pearson’s Intelligent Essay Assessor (IEA), using scoring models previously developed by Pearson.

Table 5.1 Constructed-Response Operational Scoring

Administration	Course	Handscoring Only	AI Scoring	AI Vendor
Fall 2019	English I	983215	914552	Pearson
	English II	N/A	983642, 983688	Pearson
	Algebra I	All CRs	N/A	
	Geometry	All CRs	N/A	
Summer 2020	English I	N/A	902152, 914552	Pearson
	English II	N/A	906197, 983688	Pearson
	Algebra I	All CRs	N/A	
	Geometry	All CRs	N/A	

A minimum of 10% of the constructed responses in ELA and mathematics were scored independently by a second reader. This was the case regardless of whether the first reader was human or AI. The statistics for inter-rater reliability were calculated for all items at all grades. As shown in Tables 5.8 and 5.10, raters demonstrated at least 99% perfect and adjacent agreement for all ELA handscored items. As shown in Tables 5.11 and 5.13, raters demonstrated 100% perfect and adjacent agreement for mathematics items. As shown in Tables 5.14 and 5.16, raters demonstrated 100% perfect and adjacent agreement for Spanish mathematics items.

Table 5.8 Inter-Rater Agreement, English Language Arts Items, Fall 2019

Course	Task Type	Item ID	Trait	Total Reads	Read 2x	Inter-Rater Reliability %		
						EX	AD	EX + AD
English I	Narrative Writing	983215	Reading Comprehension and Written Expression	≥8500	≥1970	89	11	100
			Written Knowledge and Use of Language Conventions			87	13	100
	Research Simulation	914552	Written Expression	≥8710	≥2240	85	15	100
			Written Knowledge and Use of Language Conventions			82	18	100
English II	Narrative Writing	983642	Reading Comprehension and Written Expression	≥8870	≥2260	92	8	100
			Written Knowledge and Use of Language Conventions			92	8	100
	Research Simulation	983688	Written Expression	≥8910	≥2030	85	14	99
			Written Knowledge and Use of Language Conventions			84	15	99

Table 5.10 Inter-Rater Agreement, English Language Arts Items, Summer 2020

Course	Task Type	Item ID	Trait	Total Reads	Read 2x	Inter-Rater Reliability %		
						EX	AD	EX + AD
English I	Research Simulation	914552	Reading Comprehension and Written Expression	≥750	≥260	91	9	100
			Written Knowledge and Use of Language Conventions	≥750	≥260	90	10	100
	Literary Analysis	902152	Written Expression	≥760	≥250	94	6	100
			Written Knowledge and Use of Language Conventions	≥760	≥250	94	6	100
English II	Research Simulation	983688	Reading Comprehension and Written Expression	≥280	≥100	94	6	100
			Written Knowledge and Use of Language Conventions	≥280	≥100	92	8	100
	Literary Analysis	906197	Reading Comprehension and Written Expression	≥280	≥100	96	4	100
			Written Knowledge and Use of Language Conventions	≥280	≥100	98	2	100

Table 5.11 Inter-Rater Agreement, Mathematics Items, Fall 2019

Course	Question	Part(s)*	Total Reads	Read 2x	Inter-Rater Reliability %		
					EX	AD	EX + AD
Algebra I	13	Part A	≥6520	≥1180	100	0	100
		Part B	≥6520	≥1180	94	6	100
	15	N/A	≥6390	≥1550	98	2	100
	28	Part A	≥6330	≥1530	99	1	100
		Part B	≥6330	≥1530	98	2	100
		Part C	≥6330	≥1530	97	3	100
	29	Part A	≥6470	≥1180	100	0	100
		Part B	≥6470	≥1180	96	4	100
	43	N/A	≥6310	≥1600	98	2	100
	44	N/A	≥6230	≥1940	98	2	100
45	N/A	≥6190	≥1790	99	1	100	
Geometry	13	N/A	≥4920	≥1080	95	5	100
	15	N/A	≥4870	≥1170	98	2	100
	25	N/A	≥4870	≥1160	96	4	100
	28	Part A	≥4900	≥1030	95	5	100
		Part B	≥4900	≥1030	97	3	100
	43	N/A	≥4810	≥1160	98	2	100
	44	N/A	≥4790	≥1170	98	2	100
	45	N/A	≥4760	≥1030	97	3	100

*N/A if an item does not have multiple parts

Table 5.13 Inter-Rater Agreement, Mathematics Items, Summer 2020

Course	Question	Part(s)*	Total Reads	Read 2x	Inter-Rater Reliability %		
					EX	AD	EX + AD
Algebra I	13	Part A	≥500	≥80	100	0	100
		Part B	≥500	≥80	93	7	100
	15	N/A	≥510	≥160	100	0	100
	28	Part A	≥480	≥140	100	0	100
		Part B	≥480	≥140	100	0	100
		Part C	≥480	≥140	99	1	100
	29	Part A	≥500	≥90	100	0	100
		Part B	≥500	≥90	100	0	100
	43	N/A	≥490	≥130	99	1	100
	44	N/A	≥490	≥190	99	1	100
45	Part A	≥490	≥160	99	1	100	
Geometry	13	N/A	≥60	≥20	100	0	100
	15	N/A	≥60	≥20	100	0	100
	25	N/A	≥60	≥10	100	0	100
	28	Part A	≥60	≥20	100	0	100
		Part B	≥60	≥20	100	0	100
	43	N/A	≥60	≥20	100	0	100
	44	N/A	≥60	≥20	100	0	100
45	N/A	≥60	≥20	100	0	100	

*N/A if an item does not have multiple parts

Table 5.14 Inter-Rater Agreement, Spanish Mathematics Items, Fall 2019

Course	Question	Part(s)*	Total Reads	Read 2x**	Inter-Rater Reliability %		
					EX	AD	EX + AD
Algebra I	13	Part A	≥30	N/A	N/A	N/A	N/A
		Part B	≥30	N/A	N/A	N/A	N/A
	15	N/A	≥30	N/A	N/A	N/A	N/A
	28	Part A	≥30	N/A	N/A	N/A	N/A
		Part B	≥30	N/A	N/A	N/A	N/A
		Part C	≥30	N/A	N/A	N/A	N/A
	29	Part A	≥30	N/A	N/A	N/A	N/A
		Part B	≥30	N/A	N/A	N/A	N/A
	43	N/A	≥30	N/A	N/A	N/A	N/A
	44	N/A	≥30	N/A	N/A	N/A	N/A
45	N/A	≥30	N/A	N/A	N/A	N/A	
Geometry	13	N/A	<10	N/A	N/A	N/A	N/A
	15	N/A	<10	<10	NR	NR	NR
	25	N/A	<10	<10	NR	NR	NR
	28	Part A	<10	<10	NR	NR	NR
		Part B	<10	<10	NR	NR	NR
	43	N/A	<10	<10	NR	NR	NR
	44	N/A	<10	<10	NR	NR	NR
	45	N/A	<10	<10	NR	NR	NR

*N/A if an item does not have multiple parts

** Due to low numbers of Spanish Mathematics test takers, Spanish Mathematics responses were scored directly by expert scorers/supervisors and not routed for second reads. As a result, inter-rater reliability percentages were not always generated.

Table 5.16 Inter-Rater Agreement, Spanish Mathematics Items, Summer 2020

Course	Question	Part(s)*	Total Reads	Read 2x**	Inter-Rater Reliability %		
					EX	AD	EX + AD
Algebra I	13	Part A	<10	<10	NR	NR	NR
		Part B	<10	<10	NR	NR	NR
	15	N/A	<10	<10	NR	NR	NR
	28	Part A	<10	<10	NR	NR	NR
		Part B	<10	<10	NR	NR	NR
		Part C	<10	<10	NR	NR	NR
	29	Part A	<10	<10	NR	NR	NR
		Part B	<10	<10	NR	NR	NR
	43	N/A	<10	<10	NR	NR	NR
	44	N/A	<10	<10	NR	NR	NR
45	N/A	<10	<10	NR	NR	NR	
Geometry***	13	N/A	N/A	N/A	N/A	N/A	N/A
	15	N/A	N/A	N/A	N/A	N/A	N/A
	25	N/A	N/A	N/A	N/A	N/A	N/A
	28	Part A	N/A	N/A	N/A	N/A	N/A
		Part B	N/A	N/A	N/A	N/A	N/A
		Part C	N/A	N/A	N/A	N/A	N/A
	43	N/A	N/A	N/A	N/A	N/A	N/A
44	Part C	N/A	N/A	N/A	N/A	N/A	

*N/A if an item does not have multiple parts

** Due to low numbers of Spanish Mathematics test takers, Spanish Mathematics responses were scored directly by expert scorers/supervisors and not routed for second reads. As a result, inter-rater reliability percentages were not always generated.

*** There were no test takers for Spanish Geometry.

Operational Data Analyses (Chapter 6)

The tables that follow present information about the different analyses that were conducted on the operational data. Table 6.1 presents the number of items, score points, mean and standard deviation of the raw scores, and the average form difficulty of each subject test for each administration. Form difficulty for a student was calculated by dividing the student's raw score by the total score points of the test.

Table 6.1 LEAP 2025 High School Means and Standard Deviations for Raw Scores and Form Difficulty

Administration	Course	Form	Total Items*	Total Points	Mean Raw Score (Std. Dev.)	Average Form Difficulty (Std. Dev.)
Fall 2019	English I	E	33	90	39.51 (18.06)	0.48 (0.11)
	English II	E	33	90	41.44 (17.91)	0.47 (0.11)
	Algebra I	D	39	68	22.30 (11.20)	0.38 (0.15)
	Geometry	D	39	68	22.63 (13.28)	0.39 (0.15)
Summer 2020	English I	D	34	94	26.26 (14.50)	0.35 (0.15)
	English II	D	34	94	21.38 (12.95)	0.27 (0.12)
	Algebra I	D	39	68	19.53 (14.83)	0.33 (0.13)
	Geometry	D	39	68	10.74 (4.21)	0.19 (0.15)

*For English I and English II, each writing prompt component is counted as one item. The Written Expression (WE) component is weighted in total points.

Table 6.2 presents the number of items, mean and standard deviation of the item p -values, and item-total correlations (i.e., item discrimination values) of each subject test for each administration.

The p -value is a measure of item difficulty and the mean p -value, in the table, is the average of all item p -values for a specific subject test and administration. An item-total correlation is the correlation between an item score and the total test score, where the item score is not included in the total score. The mean item-total correlation (R_{it}), in the table, is the average of all item point-biserial correlations of a specific subject test.

Table 6.2 LEAP 2025 High School p -Values and Item-Total Correlation (R_{it}) Descriptive Statistics

				Item p -Value				Average Item-Total Correlation			
Admin.	Course	Form	Total Items*	Mean	Std. Dev.	Min.	Max	Mean	Std. Dev.	Min.	Max
Fall 2019	English I	E	33	0.48	0.11	0.34	0.80	0.47	0.16	0.22	0.80
	English II	E	33	0.47	0.11	0.28	0.69	0.46	0.16	0.24	0.82
	Algebra I	D	39	0.38	0.15	0.12	0.84	0.38	0.15	0.12	0.64
	Geometry	D	39	0.39	0.15	0.08	0.74	0.47	0.15	0.18	0.75
Summer 2020	English I	D	34	0.35	0.15	0.09	0.68	0.44	0.13	0.04	0.68
	English II	D	34	0.27	0.12	0.12	0.55	0.41	0.20	0.08	0.76
	Algebra I	D	39	0.33	0.13	0.13	0.71	0.53	0.18	0.10	0.85
	Geometry	D	39	0.19	0.15	0.00	0.49	0.16	0.19	-0.25	0.54

*For English I and English II, each writing prompt component is counted as one item. The Written Expression (WE) component is weighted in total points.

Tables 6.13–6.16 provide scale scores at selected percentiles that can be used to compare the distributional characteristics of the LEAP 2025 2019–2020 forms to previous administrations.

Table 6.13 Comparisons of Scale Scores at Selected Percentiles—English I

Percentile	Fall			Spring			Summer		
	2017	2018	2019	2018	2019 Form D	2019 Form E	2018	2019	2020
99	818	821	821	824	820	824	756	750	753
95	795	796	795	799	796	802	736	734	732
90	784	784	782	788	785	790	727	725	719
85	776	774	772	778	777	782	721	719	713
80	771	767	765	773	769	776	715	715	709
75	765	760	756	767	764	770	710	713	704
70	762	755	749	762	759	765	708	709	701
65	757	749	743	757	753	759	704	707	696
60	753	742	736	754	748	756	701	704	696
55	750	737	729	749	743	753	699	702	693
50	745	731	724	745	738	748	693	699	690
45	742	726	718	740	732	744	691	696	686
40	737	720	712	737	729	739	688	693	683
35	734	712	705	731	723	734	684	693	683
30	728	707	700	728	717	729	684	689	679
25	723	700	694	722	713	726	681	686	679
20	717	694	691	716	706	718	677	682	674
15	711	688	684	707	699	712	673	677	669
10	702	681	679	697	686	705	669	677	657
5	693	666	669	685	674	691	658	665	650
1	671	650	650	660	650	669	650	650	650

Table 6.14 Comparisons of Scale Scores at Selected Percentiles—English II

Percentile	Fall			Spring			Summer		
	2017	2018	2019	2018	2019 Form D	2019 Form E	2018	2019	2020
99	838	846	850	846	842	847	760	761	756
95	805	811	818	817	810	818	737	733	737
90	784	788	799	799	795	802	725	722	719
85	772	775	786	788	787	791	720	714	705
80	763	763	778	780	779	783	715	709	700
75	754	754	768	773	771	778	709	704	691
70	748	747	758	765	764	770	703	702	688
65	740	738	749	761	759	765	700	699	684
60	734	731	743	754	752	761	696	693	677
55	726	724	734	749	745	754	689	690	672
50	720	717	728	745	741	749	685	687	672
45	714	712	722	738	734	743	681	684	668
40	707	707	713	733	728	739	676	680	662
35	702	702	706	726	722	732	676	676	656
30	694	693	698	722	715	726	671	672	650
25	688	687	693	714	705	720	666	668	650
20	684	680	683	707	697	713	659	663	650
15	677	672	675	699	688	703	659	663	650
10	668	663	667	687	672	693	652	652	650
5	658	652	656	668	656	675	650	650	650
1	650	650	650	650	650	650	650	650	650

Table 6.15 Comparisons of Scale Scores at Selected Percentiles—Algebra I

Percentile	Fall			Spring			Summer		
	2017	2018	2019	2018	2019 Form D	2019 Form E	2018	2019	2020
99	801	810	811	827	836	839	758	759	819
95	778	785	788	800	799	803	738	739	751
90	761	772	774	787	786	789	730	732	739
85	749	760	766	777	776	780	724	728	728
80	743	754	759	769	768	772	721	725	725
75	733	744	751	763	761	766	718	721	721
70	727	738	742	757	753	761	714	717	717
65	724	734	735	751	748	756	714	717	717
60	721	727	732	748	745	751	710	713	712
55	718	723	725	744	739	746	710	713	708
50	714	719	721	738	735	740	705	708	708
45	710	715	717	734	728	737	705	708	703
40	710	711	712	731	725	734	705	704	703
35	705	711	712	727	721	730	700	704	697
30	705	707	708	723	717	723	700	698	697
25	700	702	703	715	712	719	695	698	697
20	695	696	697	711	708	714	695	692	691
15	695	696	697	707	703	710	688	692	685
10	688	690	691	702	697	704	688	685	685
5	680	683	677	690	691	692	680	675	677
1	669	650	668	673	668	677	655	650	656

Table 6.16 Comparisons of Scale Scores at Selected Percentiles—Geometry

Percentile	Fall			Spring			Summer		
	2017	2018	2019	2018	2019 Form D	2019 Form E	2018	2019	2020
99	797	799	809	796	801	801	820	816	758
95	779	781	788	779	783	784	760	785	744
90	768	771	777	771	774	774	724	738	734
85	761	764	771	764	767	768	719	723	729
80	755	760	764	758	761	763	716	720	726
75	749	754	759	754	755	758	712	717	719
70	744	751	755	749	750	753	712	717	716
65	740	746	750	746	746	750	709	714	716
60	736	742	746	742	742	746	709	710	716
55	732	736	742	738	738	742	705	710	716
50	727	731	738	734	734	738	705	706	712
45	724	729	734	731	731	733	705	706	712
40	722	724	731	727	729	731	701	701	712
35	716	721	729	724	726	728	701	701	707
30	712	715	726	721	723	725	696	696	707
25	709	711	719	718	719	722	696	696	707
20	705	707	716	715	716	719	696	690	701
15	701	702	712	707	712	711	691	690	694
10	696	697	707	702	707	706	685	684	694
5	691	692	701	697	694	701	678	676	686
1	678	677	675	677	675	686	670	666	661

Test Results (Chapter 7)

The number of students who attempted each test, the number of students whose results were reportable from each test, and the number of students whose results were included in the technical report sample for each test are summarized by grade in Tables 7.1–7.4. The “Attempted” category includes all the students who attempted at least one item on the assessment, and the “Reportable” category includes students who finished all sections of the assessment; the numbers for both of these categories include all students in public schools as well as students in private schools and home-study programs. The “Technical Report Sample” category represents the sample of students included in the analyses for this report, and they are the students who finished all sections of the assessment and counted toward the state total score; students in private school and home-study programs were excluded from this sample.

Table 7.1 Count of Students who Attempted, were Reportable, and Included in the Technical Report Sample: English I

Administration	Group	Grade							
		6	7	8	9*	10	11	12	Total
Fall 2019	Attempted	<10	<10	≥10	≥4,570	≥2,370	≥780	≥130	≥7,880
	Reportable	<10	<10	≥10	≥4,530	≥2,310	≥750	≥120	≥7,740
	Accountable	<10	<10	≥10	≥4,520	≥2,310	≥750	≥120	≥7,730
Summer 2020	Attempted	<10	<10	<10	≥150	≥330	≥160	<10	≥660
	Reportable	<10	<10	<10	≥150	≥320	≥160	<10	≥660
	Accountable	<10	<10	<10	≥140	≥320	≥160	<10	≥630

* Grade 9 includes the grade that is coded as "T9."

Table 7.2 Count of Students who Attempted, were Reportable, and Included in the Technical Report Sample: English II

Administration	Group	Grade							
		6	7	8	9*	10	11	12	Total
Fall 2019	Attempted	<10	<10	<10	≥550	≥4,700	≥1,400	≥1,480	≥8,150
	Reportable	<10	<10	<10	≥550	≥4,670	≥1,350	≥1,400	≥7,980
	Accountable	<10	<10	<10	≥540	≥4,660	≥1,350	≥1,400	≥7,960
Summer 2020	Attempted	<10	<10	<10	≥10	≥60	≥150	≥10	≥250
	Reportable	<10	<10	<10	≥10	≥60	≥150	≥10	≥250
	Accountable	<10	<10	<10	≥10	≥60	≥150	≥10	≥240

* Grade 9 includes the grade that is coded as "T9."

Table 7.3 Count of Students who Attempted, were Reportable, and included in the Technical Report Sample: Algebra I

Administration	Group	Grade							
		6	7	8	9*	10	11	12	Total
Fall 2019	Attempted	<10	<10	<10	≥2,820	≥2,060	≥740	≥360	≥5,990
	Reportable	<10	<10	<10	≥2,800	≥2,020	≥700	≥320	≥5,860
	Accountable	<10	<10	<10	≥2,790	≥2,020	≥700	≥320	≥5,850
Summer 2020	Attempted	<10	<10	≥10	≥100	≥200	≥120	<10	≥460
	Reportable	<10	<10	≥10	≥100	≥190	≥120	<10	≥450
	Accountable	<10	<10	≥10	≥90	≥190	≥110	<10	≥420

* Grade 9 includes the grade that is coded as "T9."

Table 7.4 Count of Students who Attempted, were Reportable, and Included in the Technical Report Sample: Geometry

Administration	Group	Grade							
		6	7	8	9*	10	11	12	Total
Fall 2019	Attempted	<10	<10	<10	≥1,100	≥2,500	≥730	≥250	≥4,590
	Reportable	<10	<10	<10	≥1,100	≥2,480	≥720	≥230	≥4,550
	Accountable	<10	<10	<10	≥1,100	≥2,480	≥720	≥230	≥4,550
Summer 2020	Attempted	<10	<10	<10	<10	≥20	≥20	<10	≥60
	Reportable	<10	<10	<10	<10	≥20	≥20	<10	≥60
	Accountable	<10	<10	<10	<10	≥20	≥10	<10	≥50

* Grade 9 includes the grade that is coded as "T9."

Tables 7.21–7.24 summarize the mean scale scores, standard deviations, and the percentage of students in each achievement level for the 2019–2020 administration of the LEAP 2025 HS ELA and mathematics assessments.

Table 7.21 Comparison of Percentage of Students in Each Achievement Level: English I

	Year	Administration	Form	N	Scale Score		Percentage in Achievement Level				
					Mean	SD	1	2	3	4	5
All	2019	Fall	E	≥7,730	726.80	40.18	28.4	22.7	19.1	23.6	6.1
	2020	Summer	D	≥630	690.70	23.10	69.2	23.0	6.4	1.3	0.2
First-Time Testers	2019	Fall	E	≥4,780	746.45	35.63	9.9	17.0	26.1	37.1	9.9
	2020	Summer	D	≥50	709.73	33.76	41.1	21.4	25.0	10.7	1.8
Retester	2019	Fall	E	≥2,670	692.12	20.76	63.0	31.2	5.3	0.5	0.0
	2020	Summer	D	≥550	688.23	20.55	72.7	23.0	3.9	0.4	0.0
Previously Passed	2019	Fall	E	≥280	722.46	27.04	15.7	38.5	30.8	15.0	0.0
	2020	Summer	D	≥20	702.62	24.90	53.8	26.9	19.2	0.0	0.0

Levels: 1 = *Unsatisfactory*, 2 = *Approaching Basic*, 3 = *Basic*, 4 = *Mastery*, 5 = *Advanced*

Table 7.22 Comparison of Percentage of Students in Each Achievement Level: English II

	Year	Administration	Form	N	Scale Score		Percentage in Achievement Level				
					Mean	SD	1	2	3	4	5
All	2019	Fall	E	≥7,960	731.08	49.35	30.7	17.1	17.3	22.5	12.4
	2020	Summer	D	≥240	676.67	28.02	78.5	13.4	6.1	2.0	0.0
First-Time Testers	2019	Fall	E	≥5,590	750.09	44.41	13.1	16.0	21.9	31.4	17.7
	2020	Summer	D	≥40	696.58	36.19	47.9	31.3	10.4	10.4	0.0
Retester	2019	Fall	E	≥2,260	684.62	24.23	74.4	18.9	5.8	0.9	0.0
	2020	Summer	D	≥190	671.92	23.35	85.8	9.1	5.1	0.0	0.0
Previously Passed	2019	Fall	E	≥110	722.05	33.54	24.3	32.4	23.4	18.9	0.9
	2020	Summer	D	<10	NR	NR	NR	NR	NR	NR	NR

Levels: 1 = *Unsatisfactory*, 2 = *Approaching Basic*, 3 = *Basic*, 4 = *Mastery*, 5 = *Advanced*

Table 7.23 Comparison of Percentage of Students in Each Achievement Level: Algebra I

	Year	Administration	Form	N	Scale Score		Percentage in Achievement Level				
					Mean	SD	1	2	3	4	5
All	2019	Fall	D	≥5,850	727.44	33.28	20.6	31.3	22.5	24.2	1.5
	2020	Summer	D	≥420	710.72	28.31	35.3	40.9	18.2	3.3	2.3
First-Time Testers	2019	Fall	D	≥3,340	742.77	32.58	9.1	20.4	27.6	40.5	2.5
	2020	Summer	D	≥70	730.50	47.45	34.2	23.7	19.7	9.2	13.2
Retester	2019	Fall	D	≥2,180	704.17	17.99	38.9	47.4	13.0	NR	NR
	2020	Summer	D	≥330	706.13	19.71	36.1	45.1	17.0	NR	NR
Previously Passed	2019	Fall	D	≥320	725.59	27.93	15.2	35.0	34.4	13.6	1.9
	2020	Summer	D	≥10	712.82	20.41	23.5	35.3	35.3	NR	NR

Levels: 1 = *Unsatisfactory*, 2 = *Approaching Basic*, 3 = *Basic*, 4 = *Mastery*, 5 = *Advanced*

Table 7.24 Comparison of Percentage of Students in Each Achievement Level: Geometry

	Year	Administration	Form	N	Scale Score		Percentage in Achievement Level				
					Mean	SD	1	2	3	4	5
All	2019	Fall	D	≥4,550	740.42	27.79	4.5	25.4	33.5	29.4	7.2
	2020	Summer	D	≥50	712.60	17.34	17.5	61.4	19.3	NR	NR
First-Time Testers	2019	Fall	D	≥4,240	742.32	27.29	3.6	23.0	34.6	31.0	7.7
	2020	Summer	D	≥30	714.55	14.99	13.2	63.2	23.7	NR	NR
Retester	2019	Fall	D	≥200	707.76	14.33	18.1	69.6	12.3	NR	NR
	2020	Summer	D	≥10	707.06	21.19	31.3	56.3	6.3	NR	NR
Previously Passed	2019	Fall	D	≥90	726.07	23.97	12.1	37.4	29.3	20.2	1.0
	2020	Summer	D	<10	NR	NR	NR	NR	NR	NR	NR

Levels: 1 = *Unsatisfactory*, 2 = *Approaching Basic*, 3 = *Basic*, 4 = *Mastery*, 5 = *Advanced*

Evidence of Construct-Related Validity (Chapter 9)

Results reported in this section are based only on initial tester data; therefore, summer results are not included.

Total test reliability measures, such as Cronbach’s coefficient alpha and standard error of measurement (SEM), consider the consistency (i.e., reliability) of performance over all test questions in a given form, the results of which imply how well the questions measure the content domain and could continue to do so over repeated administrations. The reliability coefficients for the fall LEAP 2025 HS assessments are reported in Table 9.2. English I and English II have one writing component (RI or RL) that has the same score as another component (WE). The item score for the RI/RL writing component was excluded from the reliability computation.

Table 9.2 Reliability (no summer)

Administration	Course	Form	Number of Items	Number of Score Points	SEM	Cronbach's Alpha	N-Count
Fall 2019	English I	E	33	90	5.52	0.91	≥4,790
	English II	E	33	90	5.55	0.90	≥5,630
	Algebra I	D	39	68	3.76	0.89	≥3,360
	Geometry	D	39	68	3.76	0.92	≥4,250

The conditional standard error of measurement (CSEM) expresses the degree of measurement error in scale score units and is conditioned on the ability of the student. The CSEMs at the four cut scores that define the performance levels are presented in Table 9.3.

Table 9.3 Conditional Standard Errors of Measurement at the *Approaching Basic, Basic, Mastery, and Advanced* Cut Scores (no summer)

Administration	Course	Form	<i>Approaching Basic</i>		<i>Basic</i>		<i>Mastery</i>		<i>Advanced</i>	
			Cut Score	CSEM	Cut Score	CSEM	Cut Score	CSEM	Cut Score	CSEM
Fall 2019	English I	E	700	9	725	7	750	7	791	8
	English II	E	700	10	725	9	750	9	794	11
	Algebra I	D	700	14	725	11	750	9	805	9
	Geometry	D	700	13	725	8	750	6	783	6

Classification accuracy refers to the agreement between the observed score and the true score, whereas classification consistency refers to the agreement between two observed scores. Classification consistency and classification accuracy conditioned on achievement level (see Tables 9.4 and 9.5) and on cut score (see Tables 9.6 and 9.7) are presented for the fall 2019 LEAP 2025 HS ELA and mathematics assessments in this section of the report.

Table 9.4 Classification Accuracy Conditioned on Level of Achievement (no summer)

Classification Accuracy							
Administration	Course	Form	Unsatisfactory	Approaching Basic	Basic	Mastery	Advanced
Fall 2019	English I	E	0.73	0.66	0.72	0.81	0.69
	English II	E	0.75	0.61	0.66	0.75	0.76
	Algebra I	D	0.44	0.57	0.66	0.85	0.65
	Geometry	D	0.00	0.77	0.70	0.85	0.78

Table 9.5 Classification Consistency Conditioned on Level of Achievement (no summer)

Classification Consistency							
Administration	Course	Form	Unsatisfactory	Approaching Basic	Basic	Mastery	Advanced
Fall 2019	English I	E	0.68	0.55	0.59	0.72	0.64
	English II	E	0.72	0.50	0.50	0.63	0.73
	Algebra I	D	0.43	0.42	0.51	0.80	0.63
	Geometry	D	0.20	0.56	0.60	0.77	0.76

Table 9.6 Classification Accuracy at Achievement Cut Points (no summer)

Classification Accuracy						
Administration	Course	Form	<i>Unsatisfactory/ Approaching Basic</i>	<i>Approaching Basic/ Basic</i>	<i>Basic/ Mastery</i>	<i>Mastery/ Advanced</i>
Fall 2019	English I	E	0.96	0.93	0.91	0.95
	English II	E	0.95	0.92	0.91	0.93
	Algebra I	D	0.92	0.88	0.90	0.99
	Geometry	D	0.96	0.88	0.93	0.97

Table 9.7 Classification Consistency at Achievement Cut Points (no summer)

Classification Consistency						
Administration	Course	Form	<i>Unsatisfactory/ Approaching Basic</i>	<i>Approaching Basic/ Basic</i>	<i>Basic/ Mastery</i>	<i>Mastery/ Advanced</i>
Fall 2019	English I	E	0.94	0.90	0.87	0.93
	English II	E	0.93	0.89	0.87	0.90
	Algebra I	D	0.89	0.84	0.86	0.98
	Geometry	D	0.93	0.83	0.90	0.96

The item response theory's (IRT) unidimensionality assumption was evaluated through principal components analysis (PCA). This analysis seeks evidence that there exists a single primary factor, the first principal component, which accounts for much of the relationship between items. The presence of a single or dominant factor suggests that a test is sufficiently unidimensional (i.e., that it measures one underlying construct).

For the LEAP 2025 HS ELA and mathematics assessments, the ratio of variance accounted for by the first factor to variance accounted for by the second factor is sufficiently large to indicate that the unidimensionality assumption holds. All the LEAP 2025 HS ELA and mathematics tests exhibit first principal components accounting for more than 20% of the test variance (Tables 9.8–9.11).

Table 9.8 Principal Component Analysis: English I (no summer)

Administration	Form	Components	Eigenvalue	Percentage of Variance Explained	Cumulative Percentage of Variance Explained
Fall 2019	E	First Component	8.79	27.48	27.48
		Second Component	1.18	3.69	31.18
		Ratio (First/Second)	7.44	-	-

Table 9.9 Principal Component Analysis: English II (no summer)

Administration	Form	Components	Eigenvalue	Percentage of Variance Explained	Cumulative Percentage of Variance Explained
Fall 2019	E	First Component	8.51	26.58	26.58
		Second Component	1.37	4.28	30.86
		Ratio (First/Second)	6.20	-	-

Table 9.10 Principal Component Analysis: Algebra I (no summer)

Administration	Form	Components	Eigenvalue	Percentage of Variance Explained	Cumulative Percentage of Variance Explained
Fall 2019	D	First Component	8.00	20.51	20.51
		Second Component	1.32	3.39	23.90
		Ratio (First/Second)	6.06	-	-

Table 9.11 Principal Component Analysis: Geometry (no summer)

Administration	Form	Components	Eigenvalue	Percentage of Variance Explained	Cumulative Percentage of Variance Explained
Fall 2019	D	First Component	10.86	27.86	27.86
		Second Component	1.46	3.74	31.60
		Ratio (First/Second)	7.44	-	-

The strength of the interrelationships among the reporting categories or subcategories by computing the correlation between them are presented in Tables 9.12–9.19. These tables report the uncorrected Pearson product-moment (PPM) correlation coefficients, the PPM corrected for attenuation (CAPPM). The PPM among the categories and subcategories is presented below the diagonal portion of the matrix, the CAPPM is presented above the diagonal portion of the matrix, and the reliability coefficients used are shown in Tables 9.12–9.19.

Table 9.12 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Categories: English I (no summer)

Administration	Form	No.	Category	N Items	1	2
Fall 2019	E	1	Reading	29	.	0.85
		2	Writing	4	0.76	.

Table 9.13 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Subcategories: English I (no summer)

		Subcategory Uncorrected and Corrected Correlation Coefficients: English I							
Administration	Form	No.	Subcategory	N Items	1	2	3	4	5
Fall 2019	E	1	Reading Literary Text	11	.	1.00	1.02	0.87	0.86
		2	Reading Informational Text	12	0.74	.	0.99	0.95	0.93
		3	Reading Vocabulary	6	0.66	0.64	.	0.87	0.86
		4	Written Expression	2	0.67	0.73	0.59	.	1.18
		5	Written Knowledge & Use of Language Conventions	2	0.66	0.72	0.58	0.94	.

Table 9.14 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Categories: English II (no summer)

Administration	Form	No.	Category	N Items	1	2
Fall 2019	E	1	Reading	29	.	0.82
		2	Writing	4	0.74	.

Table 9.15 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Subcategories: English II (no summer)

		Subcategory Uncorrected and Corrected Correlation Coefficients: English I							
Administration	Form	No.	Subcategory	N Items	1	2	3	4	5
Fall 2019	E	1	Reading Literary Text	10	.	0.97	0.96	0.79	0.79
		2	Reading Informational Text	11	0.70	.	1.01	0.94	0.92
		3	Reading Vocabulary	8	0.63	0.68	.	0.71	0.82
		4	Written Expression	2	0.61	0.74	0.59	.	1.14
		5	Written Knowledge & Use of Language Conventions	2	0.61	0.72	0.59	0.95	.

Table 9.16 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Categories: Algebra I (no summer)

Administration	Form	No.	Category	N Items	1	2	3	4
Fall 2019	D	1	A. Major Content	22	.	0.99	0.97	0.97
		2	B. Additional & Supporting Content	10	0.69	.	1.01	0.89
		3	C. Expressing Mathematical Reasoning	3	0.65	0.62	.	0.96
		4	D. Modeling & Application	4	0.71	0.59	0.61	.

Table 9.17 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Categories: Geometry (no summer)

Administration	Form	No.	Category	N Items	1	2	3	4
Fall 2019	D	1	A. Major Content	19	.	0.97	1.01	0.93
		2	B. Additional & Supporting Content	13	0.75	.	1.00	0.97
		3	C. Expressing Mathematical Reasoning	3	0.77	0.69	.	1.08
		4	D. Modeling & Application	4	0.74	0.71	0.76	.

Table 9.18 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Subcategories: Algebra I (no summer)

Administration	Form	No.	Subcategory	N Items	1	2	3
Fall 2019	D	1	A1	6	.	1.13	1.01
		2	A2	7	0.57	.	1.18
		3	A3	6	0.51	0.55	.

Table 9.19 Uncorrected Correlation Coefficient (below Diagonal) and Corrected Correlation Coefficient (above Diagonal) among Categories: Geometry (no summer)

Administration	Form	No.	Subcategory	N Items	1	2
Fall 2019	D	1	A1	11	.	0.99
		2	A2	8	0.72	.

The SEMs associated with the categories and subcategories in Tables 9.20–9.27 are reported in the raw score metric.

Table 9.20 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of English I Categories (no summer)

Administration	Form	Category	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	E	Reading	29	60	28.74	12.00	4.29	0.87
		Writing	4	30	10.77	7.17	2.00	0.92

Table 9.21 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of English I Subcategories (no summer)

Admin.	Form	Subcategory	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	E	Reading Literary Text	11	22	11.16	4.90	2.53	0.73
		Reading Informational Text	12	26	11.29	5.47	2.78	0.74
		Reading Vocabulary	6	12	6.30	3.05	2.01	0.56
		Written Expression	2	24	8.08	5.52	2.48	0.80
		Written Knowledge & Use of Language Conventions	2	6	2.69	1.72	0.76	0.80

Table 9.22 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of English II Categories (no summer)

Administration	Form	Category	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	E	Reading	29	60	27.91	11.56	4.21	0.87
		Writing	4	30	13.53	7.57	1.95	0.93

Table 9.23 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of English II Subcategories (no summer)

Admin.	Form	Subcategory	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	E	Reading Literary Text	10	20	9.72	4.57	2.47	0.71
		Reading Informational Text	11	24	10.16	5.01	2.54	0.74
		Reading Vocabulary	8	16	8.02	3.45	2.14	0.61
		Written Expression	2	24	10.24	5.85	2.41	0.83
		Written Knowledge & Use of Language Conventions	2	6	3.30	1.78	0.72	0.84

Table 9.24 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of Algebra I Categories (no summer)

Administration	Form	Category	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	D	A. Major Content	22	28	12.13	5.15	2.49	0.77
		B. Additional & Supporting Content	10	14	5.14	2.82	1.70	0.64
		C. Expressing Mathematical Reasoning	3	11	1.83	2.17	1.39	0.59
		D. Modeling & Application	4	15	3.19	2.74	1.53	0.69

Table 9.25 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of Algebra I Subcategories (no summer)

Administration	Form	Subcategories	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	D	A1	6	7	2.50	1.72	1.15	0.55
		A2	7	12	5.66	2.42	1.78	0.46
		A3	6	6	2.63	1.44	1.05	0.47

Table 9.26 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of Geometry Categories (no summer)

Administration	Form	Category	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	D	A. Major Content	19	26	11.70	5.84	2.32	0.84
		B. Additional & Supporting Content	13	16	6.62	3.26	1.75	0.71
		C. Expressing Mathematical Reasoning	3	11	2.32	2.67	1.51	0.68
		D. Modeling & Application	4	15	1.99	2.95	1.49	0.74

Table 9.27 Mean, Standard Deviation, and Standard Error of Measurement (SEM) of Geometry Subcategories (no summer)

Administration	Form	Subcategories	Number of Items	Number of Score Points	Mean Raw Score	Raw Score Std. Dev.	SEM	Cronbach's Alpha
Fall 2019	D	A1	11	17	8.31	3.89	1.94	0.75
		A2	8	9	3.40	2.37	1.26	0.72

To assess the divergent validity of the LEAP 2025 HS ELA and mathematics assessments, correlations were computed between the English I, English II, Algebra I, and Geometry total scores for students who took more than one subject test in the fall of 2019. These correlations are based on the census data, and the results are shown in Table 9.28.

Table 9.28 Inter-Correlation of HS Content Area Scale Scores in Fall 2019 Administration (no summer)

	English I	English II	Algebra I	Geometry
English I	-	0.94	0.74	0.73
English II	0.94 (27)*	-	0.70	0.72
Algebra I	0.74 (1,065)	0.70 (225)	-	0.82
Geometry	0.73 (315)	0.72 (1,158)	0.82 (38)	-

*The count of observations in the analysis is in parenthesis.

Fairness (Chapter 10)

Tables 10.6–10.12 show the test form reliability coefficients and SEM by student gender, ethnicity, education classification, economic status, EL status, migrant status, Section 504 status, homeless status, military affiliation, and foster care status. Note that the reliability coefficients are not reported (NR) for subgroups with fewer than 10 students.

Table 10.6 Fall 2019 Administration English I Reliability and SEM by Subgroup

Group	N Count	Cronbach's Alpha	SEM
All Students	≥4,790	0.91	5.52
Gender			
Female	≥2,380	0.90	5.58
Male	≥2,410	0.91	5.41
Ethnicity			
Hispanic/Latino	≥410	0.92	5.33
American Indian or Alaska Native	≥30	0.88	5.84
Asian	≥90	0.92	5.62
Black or African American	≥1,930	0.88	5.38
Native Hawaiian or Other Pacific	<10	NR	NR
White	≥2,200	0.90	5.54
Two or More Races	≥100	0.87	5.64
Education Classification			
Regular Education	≥4,060	0.89	5.55
Special Education	≥400	0.87	4.96
Gifted or Talented	≥320	0.86	5.34
Economic Status			
Economically Disadvantaged	≥3,220	0.90	5.47
Not Economically Disadvantaged	≥1,560	0.89	5.53
English Learner Status			
Not English Learner	≥4,610	0.90	5.54
English Learner	≥180	0.78	4.77
Migrant Status			
Migrant	<10	NR	NR
Not Migrant	≥4,790	0.91	5.53
Section 504 Status			
Non-Section 504	≥4,360	0.91	5.55
Section 504	≥430	0.89	5.29
Homeless Status			
Not Homeless	≥4,750	0.91	5.53
Homeless	≥40	0.92	5.14
Military Affiliation			
Not Military Affiliated	≥4,680	0.91	5.52
Military Affiliated	≥110	0.88	5.66
Foster Care Status			
Not in Foster Care	≥4,790	0.91	5.52
Foster Care	≥40	0.92	5.14

Table 10.8 Fall 2019 Administration English II Reliability and SEM by Subgroup

Group	N Count	Cronbach's Alpha	SEM
All Students	≥5,630	0.90	5.55
Gender			
Female	≥2,840	0.90	5.49
Male	≥2,790	0.91	5.48
Ethnicity			
Hispanic/Latino	≥570	0.91	5.55
American Indian or Alaska Native	≥30	0.90	5.30
Asian	≥120	0.90	5.58
Black or African American	≥2,360	0.88	5.46
Native Hawaiian or Other Pacific	<10	NR	NR
White	≥2,420	0.89	5.51
Two or More Races	≥110	0.90	5.77
Education Classification			
Regular Education	≥4,810	0.89	5.55
Special Education	≥400	0.89	5.11
Gifted or Talented	≥410	0.86	5.42
Economic Status			
Economically Disadvantaged	≥3,720	0.89	5.53
Not Economically Disadvantaged	≥1,910	0.89	5.48
English Learner Status			
Not English Learner	≥5,330	0.90	5.53
English Learner	≥300	0.76	5.26
Migrant Status			
Migrant	<10	NR	NR
Not Migrant	≥5,630	0.90	5.55
Section 504 Status			
Non-Section 504	≥5,200	0.90	5.55
Section 504	≥430	0.90	5.48
Homeless Status			
Not Homeless	≥5,590	0.90	5.55
Homeless	≥40	0.88	5.45
Military Affiliation			
Not Military Affiliated	≥5,480	0.90	5.55
Military Affiliated	≥150	0.87	5.39
Foster Care Status			
Not in Foster Care	≥5,630	0.90	5.55
Foster Care	≥40	0.88	5.45

Table 10.10 Fall 2019 Administration Algebra I Reliability and SEM by Subgroup

Group	N Count	Cronbach's Alpha	SEM
All Students	≥3,360	0.89	3.76
Gender			
Female	≥1,600	0.88	3.81
Male	≥1,760	0.89	3.70
Ethnicity			
Hispanic/Latino	≥290	0.90	3.67
American Indian or Alaska Native	≥20	0.91	3.85
Asian	≥70	0.92	4.08
Black or African American	≥1,430	0.85	3.46
Native Hawaiian or Other Pacific	<10	NR	NR
White	≥1,450	0.88	3.94
Two or More Races	≥70	0.89	3.96
Education Classification			
Regular Education	≥2,950	0.88	3.76
Special Education	≥260	0.81	3.05
Gifted or Talented	≥150	0.86	4.19
Economic Status			
Economically Disadvantaged	≥2,320	0.88	3.64
Not Economically Disadvantaged	≥1,030	0.88	3.95
English Learner Status			
Not English Learner	≥3,200	0.89	3.77
English Learner	≥160	0.88	3.27
Migrant Status			
Migrant	<10	NR	NR
Not Migrant	≥3,360	0.89	3.76
Section 504 Status			
Non-Section 504	≥3,090	0.89	3.78
Section 504	≥260	0.87	3.48
Homeless Status			
Not Homeless	≥3,340	0.89	3.76
Homeless	≥20	0.86	3.37
Military Affiliation			
Not Military Affiliated	≥3,270	0.89	3.74
Military Affiliated	≥80	0.85	4.20
Foster Care Status			
Not in Foster Care	≥3,360	0.89	3.76
Foster Care	≥20	0.86	3.37

Table 10.12 Fall 2019 Administration Geometry Reliability and SEM by Subgroup

Group	N Count	Cronbach's Alpha	SEM
All Students	≥4,250	0.92	3.76
Gender			
Female	≥2,260	0.92	3.78
Male	≥1,980	0.92	3.73
Ethnicity			
Hispanic/Latino	≥480	0.92	3.65
American Indian or Alaska Native	≥10	0.75	3.32
Asian	≥130	0.94	4.25
Black or African American	≥1,650	0.88	3.39
Native Hawaiian or Other Pacific	<10	NR	NR
White	≥1,850	0.92	3.94
Two or More Races	≥90	0.93	3.88
Education Classification			
Regular Education	≥3,610	0.91	3.69
Special Education	≥200	0.90	3.23
Gifted or Talented	≥430	0.92	4.14
Economic Status			
Economically Disadvantaged	≥2,730	0.91	3.56
Not Economically Disadvantaged	≥1,510	0.92	4.01
English Learner Status			
Not English Learner	≥4,060	0.92	3.78
English Learner	≥190	0.83	3.05
Migrant Status			
Migrant	<10	NR	NR
Not Migrant	≥4,250	0.92	3.76
Section 504 Status			
Non-Section 504	≥3,950	0.92	3.78
Section 504	≥300	0.92	3.51
Homeless Status			
Not Homeless	≥4,200	0.92	3.76
Homeless	≥40	0.90	3.16
Military Affiliation			
Not Military Affiliated	≥4,130	0.92	3.75
Military Affiliated	≥120	0.90	4.02
Foster Care Status			
Not in Foster Care	≥4,250	0.92	3.76
Foster Care	≥40	0.90	3.16

One way to evaluate the magnitude of the standardized mean difference (SMD) is to calculate the effect size (ES). Cohen’s *d* was used to calculate the ES and the difference in group means is expressed in terms of the standard deviation. Effect size is reported in Tables 10.14–10.20. Results are not reported (NR) for subgroups with fewer than 10 students.

Table 10.14 Fall 2019 Administration Impact Analysis: English I

Group	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
All Students	≥7,730	726.80	40.18	
Gender				
Male	≥4,410	718.92	38.25	
Female	≥3,320	737.27	40.29	-0.47
Ethnicity				
White	≥2,800	746.91	40.18	
Hispanic/Latino	≥850	710.61	38.80	0.91
American Indian or Alaska Native	≥40	735.51	38.91	0.28
Asian	≥120	746.13	45.50	0.02
Black or African American	≥3,770	714.35	33.16	0.90
Native Hawaiian or Other Pacific	<10	NR	NR	NR
Two or More Races	≥130	739.73	37.88	0.18
Education Classification				
Regular Education	≥6,210	729.85	38.20	
Special Education	≥1,180	695.20	26.49	0.95
Gifted or Talented	≥340	780.60	32.59	-1.34
Economic Status				
Not Economically Disadvantaged	≥1,850	754.39	38.60	
Economically Disadvantaged				
English Learner Status				
Not English Learner	≥5,880	718.13	36.60	0.98
English Learner	≥7,120	729.97	39.82	
English Learner	≥610	690.26	22.20	1.03
Migrant Status				
Not Migrant	≥7,720	726.86	40.18	
Migrant	≥10	689.69	18.80	0.93
Section 504 Status				
Non-Section 504	≥6,800	728.97	40.65	
Section 504	≥930	710.89	32.40	0.45
Homeless Status				
Not Homeless	≥7,600	727.20	40.18	
Homeless	≥130	703.56	32.73	0.59
Military Affiliation				
Not Military Affiliated	≥7,610	726.22	39.97	

Group	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
Military Affiliated	≥120	761.61	37.01	-0.89
Foster Care Status				
Not in Foster Care	≥7,720	726.84	40.18	
Foster Care	≥10	695.91	18.05	0.77

Table 10.16 Fall 2019 Administration Impact Analysis: English II

	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
All Students	≥7,960	731.08	49.35	
Gender				
Male	≥4,390	720.93	47.06	
Female	≥3,570	743.59	49.23	-0.47
Ethnicity				
White	≥2,830	756.89	47.63	
Hispanic/Latino	≥930	713.72	45.72	0.92
American Indian or Alaska Native	≥40	748.60	46.95	0.17
Asian	≥150	757.31	55.09	-0.01
Black or African American	≥3,860	714.45	41.68	0.96
Native Hawaiian or Other Pacific	<10	NR	NR	NR
Two or More Races	≥130	752.34	50.52	0.10
Education Classification				
Regular Education	≥6,590	733.06	46.49	
Special Education	≥950	689.56	35.11	0.96
Gifted or Talented	≥420	792.96	40.20	-1.30
Economic Status				
Not Economically Disadvantaged	≥2,230	760.68	48.63	
Economically Disadvantaged				
English Learner Status	≥5,730	719.55	44.59	0.90
Not English Learner	≥7,310	734.78	49.21	
English Learner	≥650	689.86	27.13	0.94
Migrant Status				
Not Migrant	≥7,950	731.09	49.33	
Migrant	≥10	724.45	63.66	0.13
Section 504 Status				
Non-Section 504	≥7,110	733.54	49.59	
Section 504	≥850	710.59	42.00	0.47

	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
Homeless Status				
Not Homeless	≥7,850	731.50	49.38	
Homeless	≥110	701.75	36.60	0.60
Military Affiliation				
Not Military Affiliated	≥7,810	730.14	49.05	
Military Affiliated	≥150	779.85	38.84	-1.02
Foster Care Status				
Not in Foster Care	≥7,960	731.10	49.34	
Foster Care	<10	NR	NR	NR

Table 10.18 Fall 2019 Administration Impact Analysis: Algebra I

	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
All Students	≥5,850	727.44	33.28	
Gender				
Male	≥3,150	725.06	33.18	
Female	≥2,690	730.22	33.17	-0.16
Ethnicity				
White	≥2,050	741.66	34.71	
Hispanic/Latino	≥580	721.56	33.82	0.58
American Indian or Alaska Native	≥30	734.56	34.58	0.20
Asian	≥80	760.16	38.58	-0.53
Black or African American	≥2,980	717.27	27.13	0.80
Native Hawaiian or Other Pacific	<10	NR	NR	NR
Two or More Races	≥110	740.10	33.48	0.05
Education Classification				
Regular Education	≥4,860	730.12	32.64	
Special Education	≥810	703.41	21.55	0.85
Gifted or Talented	≥170	764.03	31.92	-1.04
Economic Status				
Not Economically Disadvantaged	≥1,330	746.21	34.58	
Economically Disadvantaged				
English Learner Status	≥4,510	721.87	30.76	0.77
Not English Learner	≥5,460	728.90	33.37	
English Learner	≥390	706.91	23.93	0.67
Migrant Status				
Not Migrant	≥5,840	727.44	33.29	
Migrant	<10	NR	NR	NR
Section 504 Status				
Non-Section 504	≥5,210	728.81	33.66	
Section 504	≥630	716.16	27.50	0.38
Homeless Status				
Not Homeless	≥5,760	727.66	33.37	
Homeless	≥80	712.72	21.49	0.45
Military Affiliation				
Not Military Affiliated	≥5,750	726.92	33.07	
Military Affiliated	≥100	756.69	31.89	-0.90
Foster Care Status				
Not in Foster Care	≥5,840	727.47	33.28	
Foster Care	<10	NR	NR	NR

Table 10.20 Fall 2019 Administration Impact Analysis: Geometry

Group	N	Scale Score Mean	Scale Score Std. Dev.	Effect Size
All Students	≥4,550	740.42	27.79	
Gender				
Male	≥2,160	740.02	28.73	
Female	≥2,390	740.78	26.91	-0.03
Ethnicity				
White	≥1,900	751.22	26.01	
Hispanic/Latino	≥510	735.89	26.82	0.59
American Indian or Alaska Native	≥10	734.00	15.27	0.66
Asian	≥130	765.76	34.48	-0.55
Black or African American	≥1,860	728.45	23.29	0.92
Native Hawaiian or Other Pacific	<10	NR	NR	NR
Two or More Races	≥100	747.51	28.23	0.14
Education Classification				
Regular Education	≥3,850	738.55	25.88	
Special Education	≥250	721.26	24.75	0.67
Gifted or Talented	≥430	768.33	27.35	-1.14
Economic Status				
Not Economically Disadvantaged	≥1,560	753.23	27.03	
Economically Disadvantaged				
English Learner Status	≥2,980	733.69	25.74	0.75
Not English Learner	≥4,330	741.49	27.69	
English Learner	≥210	718.54	19.61	0.84
Migrant Status				
Not Migrant	≥4,540	740.40	27.78	
Migrant	<10	NR	NR	NR
Section 504 Status				
Non-Section 504	≥4,220	741.25	27.66	
Section 504	≥320	729.60	27.26	0.42
Homeless Status				
Not Homeless	≥4,500	740.61	27.77	
Homeless	≥50	723.43	24.31	0.62
Military Affiliation				
Not Military Affiliated	≥4,420	739.96	27.76	
Military Affiliated	≥120	757.14	23.52	-0.62
Foster Care Status				
Not in Foster Care	≥4,550	740.42	27.79	
Foster Care	<10	NR	NR	NR

Additional data for scale score means are provided in Tables 10.22 and 10.25. These tables report the number of students, scale score means, and standard deviations for each Special Education Classification. Groups that have fewer than 10 students are not reported (NR) in the tables.

Table 10.22 Special Education Classification Scale Score Means and Standard Deviations: English I

Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Fall 2019	E	Gifted	≥140	795.95	27.54	≥7,590	725.53	39.25
		Talented	≥200	770.07	31.64	≥7,530	725.63	39.74
		Autism	<50	NR	NR	≥7,690	726.91	40.19
		Deaf-Blindness	<50	NR	NR	≥7,730	726.80	40.18
		Developmental Delay	<50	NR	NR	≥7,730	726.80	40.18
		Emotional Disturbance	<50	NR	NR	≥7,690	726.92	40.19
		HI—Deaf	<50	NR	NR	≥7,730	726.81	40.17
		HI—Hard-of-Hearing	<50	NR	NR	≥7,720	726.86	40.17
		Mild Mental Disability	≥90	683.77	17.49	≥7,640	727.35	40.09
		Moderate Mental Disability	<50	NR	NR	≥7,730	726.81	40.18
		Orthopedic Impairment	<50	NR	NR	≥7,720	726.80	40.15
		Other Health Impairment	≥210	696.05	26.08	≥7,520	727.68	40.17
		Specific Learning Disability	≥690	692.80	23.08	≥7,040	730.13	39.95
		Speech or Language Impairment	<50	NR	NR	≥7,690	726.86	40.20
		Traumatic Brain Injury	<50	NR	NR	≥7,730	726.81	40.18
		Visual Impairment	<50	NR	NR	≥7,720	726.81	40.18
Other	<50	NR	NR	≥7,730	726.81	40.18		

Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Summer 2020	D	Gifted	<50	NR	NR	≥630	690.70	23.10
		Talented	<50	NR	NR	≥630	690.75	23.12
		Autism	<50	NR	NR	≥630	690.73	23.14
		Deaf-Blindness	<50	NR	NR	≥630	690.70	23.10
		Developmental Delay	<50	NR	NR	≥630	690.70	23.10
		Emotional Disturbance	<50	NR	NR	≥630	690.78	23.11
		HI—Deaf	<50	NR	NR	≥630	690.70	23.10
		HI—Hard-of-Hearing	<50	NR	NR	≥630	690.71	23.15
		Mild Mental Disability	<50	NR	NR	≥630	690.77	23.20
		Moderate Mental Disability	<50	NR	NR	≥630	690.70	23.10
		Orthopedic Impairment	<50	NR	NR	≥630	690.72	23.10
		Other Health Impairment	<50	NR	NR	≥590	691.39	23.09
		Specific Learning Disability	≥100	683.73	19.89	≥530	692.06	23.45
		Speech or Language Impairment	<50	NR	NR	≥630	690.70	23.20
		Traumatic Brain Injury	<50	NR	NR	≥630	690.70	23.10
		Visual Impairment	<50	NR	NR	≥1,890	699.20	20.23
Other	<50	NR	NR	≥1,890	699.18	20.24		

Table 10.23 Special Education Classification Scale Score Means and Standard Deviations: English II

Special Education Classification Scale Score Means and Standard Deviations: English II								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Fall 2019	E	Gifted	≥160	813.58	32.98	≥7,800	729.37	48.16
		Talented	≥260	780.35	39.04	≥7,700	729.39	48.79
		Autism	<50	NR	NR	≥7,930	731.17	49.35
		Deaf-Blindness	<50	NR	NR	≥7,960	731.08	49.35
		Developmental Delay	<50	NR	NR	≥7,960	731.08	49.35
		Emotional Disturbance	<50	NR	NR	≥7,930	731.24	49.34
		HI—Deaf	<50	NR	NR	≥7,960	731.08	49.35
		HI—Hard-of-Hearing	<50	NR	NR	≥7,950	731.10	49.36
		Mild Mental Disability	≥60	668.40	18.30	≥7,900	731.62	49.18
		Moderate Mental Disability	<50	NR	NR	≥7,960	731.08	49.35
		Orthopedic Impairment	<50	NR	NR	≥7,950	731.12	49.34
		Other Health Impairment	≥170	693.06	37.35	≥7,790	731.95	49.25
		Specific Learning Disability	≥550	685.31	29.29	≥7,410	734.48	48.84
		Speech or Language Impairment	<50	NR	NR	≥7,920	731.16	49.33
		Traumatic Brain Injury	<50	NR	NR	≥7,960	731.10	49.34
		Visual Impairment	<50	NR	NR	≥7,960	731.09	49.34
Other	<50	NR	NR	≥7,960	731.10	49.35		

Special Education Classification Scale Score Means and Standard Deviations: English II								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Summer 2020	D	Gifted	<50	NR	NR	≥240	676.67	28.02
		Talented	<50	NR	NR	≥240	676.52	27.98
		Autism	<50	NR	NR	≥240	676.78	28.02
		Deaf-Blindness	<50	NR	NR	≥240	676.67	28.02
		Developmental Delay	<50	NR	NR	≥240	676.67	28.02
		Emotional Disturbance	<50	NR	NR	≥240	676.81	27.94
		HI—Deaf	<50	NR	NR	≥240	676.67	28.02
		HI—Hard-of-Hearing	<50	NR	NR	≥240	676.67	28.07
		Mild Mental Disability	<50	NR	NR	≥230	677.25	28.15
		Moderate Mental Disability	<50	NR	NR	≥240	676.67	28.02
		Orthopedic Impairment	<50	NR	NR	≥240	676.67	28.02
		Other Health Impairment	<50	NR	NR	≥220	677.28	28.19
		Specific Learning Disability	<50	NR	NR	≥200	679.38	28.86
		Speech or Language Impairment	<50	NR	NR	≥240	676.71	28.07
		Traumatic Brain Injury	<50	NR	NR	≥240	676.67	28.02
		Visual Impairment	<50	NR	NR	≥240	676.67	28.02
		Other	<50	NR	NR	≥240	676.67	28.02

Table 10.24 Special Education Classification Scale Score Means and Standard Deviations: Algebra I

Special Education Classification Scale Score Means and Standard Deviations: Algebra I								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Fall 2019	D	Gifted	<50	NR	NR	≥5,800	726.98	32.87
		Talented	≥130	756.44	27.67	≥5,720	726.76	33.10
		Autism	<50	NR	NR	≥5,810	727.53	33.29
		Deaf-Blindness	<50	NR	NR	≥5,850	727.44	33.28
		Developmental Delay	<50	NR	NR	≥5,850	727.44	33.28
		Emotional Disturbance	<50	NR	NR	≥5,820	727.55	33.28
		HI—Deaf	<50	NR	NR	≥5,850	727.44	33.28
		HI—Hard-of-Hearing	<50	NR	NR	≥5,840	727.47	33.29
		Mild Mental Disability	≥50	696.82	14.83	≥5,800	727.71	33.27
		Moderate Mental Disability	<50	NR	NR	≥5,850	727.44	33.28
		Orthopedic Impairment	<50	NR	NR	≥5,840	727.44	33.26
		Other Health Impairment	≥160	704.08	22.24	≥5,680	728.12	33.30
		Specific Learning Disability	≥450	701.15	18.58	≥5,390	729.67	33.29
		Speech or Language Impairment	<50	NR	NR	≥5,820	727.52	33.28
		Traumatic Brain Injury	<50	NR	NR	≥5,850	727.46	33.27
		Visual Impairment	<50	NR	NR	≥5,840	727.44	33.29
Other	<50	NR	NR	≥5,850	727.45	33.28		

Special Education Classification Scale Score Means and Standard Deviations: Algebra I								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Summer 2020	D	Gifted	<50	NR	NR	≥420	708.75	24.55
		Talented	<50	NR	NR	≥420	710.04	26.93
		Autism	<50	NR	NR	≥420	710.82	28.42
		Deaf-Blindness	<50	NR	NR	≥420	710.72	28.31
		Developmental Delay	<50	NR	NR	≥420	710.72	28.31
		Emotional Disturbance	<50	NR	NR	≥420	710.83	28.36
		HI—Deaf	<50	NR	NR	≥420	710.72	28.31
		HI—Hard-of-Hearing	<50	NR	NR	≥420	710.82	28.27
		Mild Mental Disability	<50	NR	NR	≥420	710.82	28.36
		Moderate Mental Disability	<50	NR	NR	≥420	710.72	28.31
		Orthopedic Impairment	<50	NR	NR	≥420	710.72	28.31
		Other Health Impairment	<50	NR	NR	≥400	710.93	28.51
		Specific Learning Disability	≥50	696.50	20.06	≥370	712.86	28.77
		Speech or Language Impairment	<50	NR	NR	≥420	710.93	28.23
		Traumatic Brain Injury	<50	NR	NR	≥420	710.72	28.31
		Visual Impairment	<50	NR	NR	≥420	710.72	28.31
		Other	<50	NR	NR	≥420	710.72	28.31

Table 10.25 Special Education Classification Scale Score Means and Standard Deviations: Geometry

Special Education Classification Scale Score Means and Standard Deviations: Geometry								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Fall 2019	D	Gifted	≥160	785.92	22.74	≥4,380	738.71	26.48
		Talented	≥270	757.59	24.21	≥4,280	739.33	27.64
		Autism	<50	NR	NR	≥4,530	740.43	27.80
		Deaf-Blindness	<50	NR	NR	≥4,550	740.42	27.79
		Developmental Delay	<50	NR	NR	≥4,550	740.42	27.79
		Emotional Disturbance	<50	NR	NR	≥4,530	740.51	27.75
		HI—Deaf	<50	NR	NR	≥4,540	740.45	27.79
		HI—Hard-of-Hearing	<50	NR	NR	≥4,540	740.39	27.78
		Mild Mental Disability	<50	NR	NR	≥4,530	740.52	27.75
		Moderate Mental Disability	<50	NR	NR	≥4,550	740.42	27.79
		Orthopedic Impairment	<50	NR	NR	≥4,540	740.39	27.78
		Other Health Impairment	≥50	726.81	22.16	≥4,490	740.57	27.81
		Specific Learning Disability	≥120	714.85	19.88	≥4,420	741.16	27.63
		Speech or Language Impairment	<50	NR	NR	≥4,530	740.44	27.77
		Traumatic Brain Injury	<50	NR	NR	≥4,550	740.42	27.79
		Visual Impairment	<50	NR	NR	≥4,540	740.40	27.78
		Other	<50	NR	NR	≥4,550	740.42	27.79

Special Education Classification Scale Score Means and Standard Deviations: Geometry								
Admin.	Form	Group	Yes			No		
			N	Mean	Std. Dev.	N	Mean	Std. Dev.
Summer 2020	D	Gifted	<50	NR	NR	≥50	712.60	17.34
		Talented	<50	NR	NR	≥50	712.60	17.34
		Autism	<50	NR	NR	≥50	712.60	17.34
		Deaf-Blindness	<50	NR	NR	≥50	712.60	17.34
		Developmental Delay	<50	NR	NR	≥50	712.60	17.34
		Emotional Disturbance	<50	NR	NR	≥50	712.93	17.31
		HI—Deaf	<50	NR	NR	≥50	712.60	17.34
		HI—Hard-of-Hearing	<50	NR	NR	≥50	712.60	17.34
		Mild Mental Disability	<50	NR	NR	≥50	712.80	17.43
		Moderate Mental Disability	<50	NR	NR	≥50	712.60	17.34
		Orthopedic Impairment	<50	NR	NR	≥50	712.60	17.34
		Other Health Impairment	<50	NR	NR	≥50	712.91	17.66
		Specific Learning Disability	<50	NR	NR	≥50	713.56	16.78
		Speech or Language Impairment	<50	NR	NR	≥50	712.60	17.34
		Traumatic Brain Injury	<50	NR	NR	≥50	712.60	17.34
		Visual Impairment	<50	NR	NR	≥50	712.60	17.34
		Other	<50	NR	NR	≥50	712.60	17.34

Classical Item Statistics (Appendix G)

If a traditional technical report were produced, the classical item statistics would be found in Appendix G. Tables in Appendix G present the item statistics for each operational item included in the regular forms, organized by content area and administration. The tables include item number, *p*-value, item-total correlation (R_{it}), omit rates, total number of students (N), adjusted N (adjusted N excludes omitted responses, responses that were not scored, or responses that received a non-score code), the percentage of students at each score point for polytomous items, and the percentage of students that chose each option for multiple-choice (MC) items.

Table G.1 Operational Item Statistics—English I Fall 2019 Administration

Item	Item Type	Total N	Adj. N	<i>p</i> -Value	Pbis	% Omit	% at 0	% at 1	% at 2	% at 3	% at 4
1	ESR	≥4,790	≥4,790	0.45	0.35	0.00	51.91	6.07	42.03		
2	MS	≥4,790	≥4,780	0.43	0.50	0.17	41.25	31.31	27.27		
3	TE	≥4,790	≥4,780	0.43	0.34	0.33	38.27	37.38	24.02		
4	ESR	≥4,790	≥4,780	0.58	0.29	0.29	36.54	11.57	51.59		
5	ESR	≥4,790	≥4,770	0.50	0.47	0.40	46.84	6.40	46.36		
6	ESR	≥4,790	≥4,780	0.69	0.36	0.31	29.04	2.98	67.67		
7	MS	≥4,790	≥4,770	0.38	0.49	0.40	50.22	22.85	26.54		
8	TE	≥4,790	≥4,770	0.34	0.52	0.54	37.98	54.58	6.90		
9	CR	≥4,790	≥4,670	0.35	0.80	1.50	16.09	36.00	37.15	7.57	0.65
10	CR	≥4,790	≥4,670	0.35	0.80	1.50	16.09	36.00	37.15	7.57	0.65
11	CR	≥4,790	≥4,670	0.47	0.76	1.50	13.95	37.21	38.44	7.86	
12	ESR	≥4,790	≥4,790	0.61	0.42	0.04	32.48	13.63	53.85		
13	TE	≥4,790	≥4,790	0.55	0.59	0.08	23.39	43.28	33.25		
14	MS	≥4,790	≥4,790	0.38	0.44	0.15	53.26	18.03	28.56		
15	TE	≥4,790	≥4,780	0.37	0.47	0.19	44.11	38.46	17.24		
16	CR	≥4,790	≥4,640	0.35	0.79	1.67	25.89	27.06	28.14	12.70	3.06
17	CR	≥4,790	≥4,640	0.45	0.79	1.67	23.89	28.87	29.69	14.40	
18	ESR	≥4,790	≥4,790	0.58	0.40	0.13	34.06	15.41	50.41		
19	ESR	≥4,790	≥4,790	0.41	0.44	0.13	55.14	7.19	37.54		
20	TE	≥4,790	≥4,790	0.60	0.56	0.15	35.00	9.44	55.41		
21	ESR	≥4,790	≥4,790	0.47	0.43	0.15	42.96	19.80	37.09		
22	TE	≥4,790	≥4,770	0.38	0.43	0.42	41.71	40.17	17.70		
23	MS	≥4,790	≥4,780	0.48	0.57	0.19	30.19	43.67	25.95		
24	ESR	≥4,790	≥4,790	0.80	0.32	0.08	15.43	8.96	75.53		
25	TE	≥4,790	≥4,790	0.46	0.22	0.13	47.32	12.49	40.07		
26	ESR	≥4,790	≥4,780	0.48	0.36	0.21	42.84	18.20	38.75		
27	ESR	≥4,790	≥4,780	0.54	0.35	0.19	38.92	13.88	47.01		
28	MS	≥4,790	≥4,790	0.48	0.38	0.06	33.69	36.75	29.50		
29	ESR	≥4,790	≥4,790	0.57	0.44	0.06	36.19	13.09	50.66		
30	ESR	≥4,790	≥4,790	0.46	0.32	0.15	41.55	25.56	32.75		
31	TE	≥4,790	≥4,780	0.49	0.33	0.17	47.24	7.69	44.90		
32	ESR	≥4,790	≥4,790	0.39	0.43	0.13	50.91	19.37	29.60		
33	TE	≥4,790	≥4,780	0.42	0.48	0.35	38.38	38.15	23.12		

Table G.2 Operational Item Statistics—English II Fall 2019 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1	% at 2	% at 3	% at 4
1	ESR	≥5,630	≥5,630	0.49	0.26	0.02	45.03	12.15	42.80		
2	TE	≥5,630	≥5,620	0.55	0.43	0.16	43.49	3.49	52.86		
3	MS	≥5,630	≥5,630	0.52	0.48	0.11	36.73	22.77	40.39		
4	ESR	≥5,630	≥5,620	0.36	0.38	0.20	41.08	45.14	13.59		
5	ESR	≥5,630	≥5,630	0.29	0.24	0.11	54.56	32.67	12.66		
6	ESR	≥5,630	≥5,620	0.69	0.33	0.16	17.24	27.58	55.02		
7	MS	≥5,630	≥5,620	0.30	0.44	0.21	52.04	36.13	11.62		
8	TE	≥5,630	≥5,620	0.63	0.42	0.23	30.70	12.40	56.67		
9	CR	≥5,630	≥5,510	0.43	0.82	1.47	13.64	24.81	36.72	19.07	3.58
10	CR	≥5,630	≥5,510	0.43	0.82	1.47	13.64	24.81	36.72	19.07	3.58
11	CR	≥5,630	≥5,510	0.58	0.79	1.47	10.71	26.29	39.71	21.11	
12	ESR	≥5,630	≥5,630	0.56	0.50	0.05	34.46	18.14	47.34		
13	ESR	≥5,630	≥5,630	0.58	0.32	0.04	27.88	27.26	44.82		
14	MS	≥5,630	≥5,630	0.37	0.45	0.09	52.80	19.42	27.69		
15	ESR	≥5,630	≥5,630	0.52	0.34	0.09	43.21	10.36	46.35		
16	CR	≥5,630	≥5,440	0.44	0.78	2.45	11.74	24.07	39.32	17.38	4.13
17	CR	≥5,630	≥5,440	0.55	0.79	2.45	13.05	25.93	38.15	19.51	
18	ESR	≥5,630	≥5,630	0.48	0.39	0.14	47.91	8.34	43.61		
19	ESR	≥5,630	≥5,630	0.34	0.32	0.00	62.13	8.27	29.60		
20	ESR	≥5,630	≥5,630	0.43	0.30	0.07	42.43	29.43	28.08		
21	TE	≥5,630	≥5,630	0.28	0.33	0.09	49.88	44.66	5.37		
22	TE	≥5,630	≥5,610	0.68	0.63	0.43	21.44	20.15	57.98		
23	ESR	≥5,630	≥5,620	0.49	0.40	0.21	37.90	25.56	36.32		
24	MS	≥5,630	≥5,630	0.55	0.48	0.02	28.59	32.69	38.70		
25	ESR	≥5,630	≥5,630	0.66	0.39	0.11	31.93	4.90	63.07		
26	ESR	≥5,630	≥5,630	0.45	0.36	0.12	50.27	9.05	40.56		
27	TE	≥5,630	≥5,620	0.44	0.37	0.27	38.35	35.95	25.43		
28	MS	≥5,630	≥5,630	0.51	0.46	0.12	37.66	22.03	40.19		
29	MS	≥5,630	≥5,630	0.45	0.52	0.14	38.75	31.34	29.76		
30	MS	≥5,630	≥5,620	0.43	0.43	0.23	21.75	70.34	7.68		
31	TE	≥5,630	≥5,610	0.44	0.48	0.34	35.17	42.20	22.30		
32	MS	≥5,630	≥5,620	0.30	0.39	0.21	56.46	26.66	16.67		
33	TE	≥5,630	≥5,610	0.34	0.50	0.43	46.95	37.74	14.88		

Table G.3 Operational Item Statistics—Algebra I Fall 2019 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1/A	% at 2/B	% at 3/C	% at 4/D	% at 5	% at 6
1	MC	≥3,360	≥3,360	0.61	0.43	0.09		12.92	14.88	61.35	10.75		
2	MS	≥3,360	≥3,360	0.38	0.43	0.06	61.47	38.47					
3	SA	≥3,360	≥3,300	0.28	0.46	1.75	71.00	27.24					
4	MPSR	≥3,360	≥3,360	0.27	0.37	0.06	63.90	18.21	17.83				
5	MPSR	≥3,360	≥3,350	0.30	0.38	0.21	45.69	47.80	6.30				
6	MC	≥3,360	≥3,340	0.44	0.18	0.68		16.43	14.44	43.97	24.48		
7	MC	≥3,360	≥3,340	0.54	0.28	0.74		21.15	53.74	15.30	9.06		
8	MC	≥3,360	≥3,350	0.42	0.26	0.27		41.89	23.26	23.08	11.50		
9	MC	≥3,360	≥3,360	0.36	0.26	0.12		31.70	36.01	13.78	18.39		
10	SA	≥3,360	≥3,360	0.61	0.56	0.03	9.00	16.28	21.15	28.16	25.37		
11	MC	≥3,360	≥3,360	0.42	0.35	0.12		10.22	41.68	35.20	12.77		
12	CR	≥3,360	≥3,360	0.59	0.60	0.06	12.80	21.63	42.31	23.20			
13	CR	≥3,360	≥3,180	0.30	0.57	3.03	47.62	19.10	16.84	11.11			
14	MC	≥3,360	≥3,360	0.84	0.33	0.18		4.25	84.11	7.04	4.43		
15	MC	≥3,360	≥3,350	0.31	0.12	0.21		19.67	9.15	40.26	30.72		
16	TE	≥3,360	≥3,360	0.31	0.55	0.15	69.10	30.75					
17	TE	≥3,360	≥3,360	0.51	0.50	0.06	48.60	51.34					
18	MC	≥3,360	≥3,350	0.46	0.34	0.21		12.33	16.22	25.25	45.99		
19	MC	≥3,360	≥3,350	0.35	0.28	0.24		34.43	31.02	24.66	9.66		
20	MC	≥3,360	≥3,340	0.35	0.22	0.53		34.37	30.90	21.84	12.36		
21	MPSR	≥3,360	≥3,350	0.41	0.35	0.21	35.77	47.15	16.87				
22	MS	≥3,360	≥3,350	0.40	0.41	0.30	59.54	40.17					
23	SA	≥3,360	≥3,260	0.23	0.57	3.03	60.90	27.93	8.14				
24	MC	≥3,360	≥3,350	0.27	0.18	0.42		14.71	29.80	28.37	26.71		
25	CR	≥3,360	≥3,160	0.12	0.64	3.95	63.13	13.13	7.55	4.63	3.27	2.02	0.21
26	CR	≥3,360	≥3,330	0.13	0.46	0.89	63.19	25.91	5.41	2.41	2.20		
27	MC	≥3,360	≥3,350	0.45	0.24	0.45		26.20	16.25	45.07	12.03		
28	MC	≥3,360	≥3,350	0.33	0.30	0.24		33.30	29.00	30.36	7.10		
29	MPSR	≥3,360	≥3,350	0.37	0.49	0.24	43.17	39.10	17.50				
30	MC	≥3,360	≥3,350	0.63	0.29	0.21		11.11	63.04	19.88	5.76		
31	SA	≥3,360	≥3,350	0.29	0.55	0.30	55.23	31.67	12.80				
32	MC	≥3,360	≥3,350	0.35	0.21	0.21		31.85	12.15	20.59	35.20		
33	MPSR	≥3,360	≥3,350	0.42	0.25	0.24	32.95	50.80	16.01				
34	TE	≥3,360	≥3,360	0.47	0.27	0.18	52.79	47.03					
35	MS	≥3,360	≥3,360	0.36	0.60	0.18	63.43	36.39					
36	MC	≥3,360	≥3,350	0.47	0.12	0.48		10.70	25.91	16.64	46.29		
37	CR	≥3,360	≥3,090	0.13	0.49	5.05	69.10	14.82	2.73	5.23			
38	CR	≥3,360	≥2,850	0.13	0.56	8.79	61.94	12.24	3.77	2.76	3.95		
39	CR	≥3,360	≥2,920	0.16	0.45	8.23	61.76	12.21	10.19	2.82			

Table G.4 Operational Item Statistics—Geometry Fall 2019 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1/A	% at 2/B	% at 3/C	% at 4/D	% at 5	% at 6
1	MPSR	≥4,250	≥4,250	0.36	0.26	0.00	42.13	44.04	13.83				
2	MC	≥4,250	≥4,240	0.51	0.30	0.12		17.21	51.00	13.17	18.50		
3	MC	≥4,250	≥4,240	0.74	0.37	0.09		10.37	5.85	73.76	9.92		
4	TE	≥4,250	≥4,240	0.53	0.61	0.21	47.10	52.69					
5	SA	≥4,250	≥4,170	0.39	0.54	1.90	60.17	37.93					
6	SA	≥4,250	≥4,170	0.34	0.53	1.81	64.47	33.72					
7	MPSR	≥4,250	≥4,230	0.44	0.25	0.33	30.10	51.54	18.03				
8	TE	≥4,250	≥4,240	0.42	0.58	0.19	57.94	41.88					
9	MC	≥4,250	≥4,240	0.66	0.33	0.09		66.07	10.51	13.73	9.59		
10	SA	≥4,250	≥4,250	0.44	0.66	0.05	17.61	25.02	29.67	17.59	10.06		
11	SA	≥4,250	≥4,230	0.22	0.58	0.52	77.33	22.15					
12	CR	≥4,250	≥3,980	0.37	0.61	4.02	38.70	16.04	28.47	10.51			
13	CR	≥4,250	≥3,850	0.08	0.57	6.18	74.94	10.77	3.93	1.06			
14	MC	≥4,250	≥4,250	0.50	0.31	0.02		4.47	6.68	38.87	49.96		
15	MC	≥4,250	≥4,240	0.41	0.41	0.24		9.69	40.96	39.08	10.04		
16	SA	≥4,250	≥4,240	0.48	0.59	0.28	51.70	48.01					
17	MC	≥4,250	≥4,240	0.40	0.35	0.16		39.97	11.29	36.42	12.16		
18	MS	≥4,250	≥4,250	0.39	0.57	0.05	61.44	38.51					
19	TE	≥4,250	≥4,250	0.39	0.29	0.05	32.87	56.22	10.86				
20	MC	≥4,250	≥4,240	0.44	0.30	0.09		8.42	25.32	22.29	43.87		
21	MPSR	≥4,250	≥4,240	0.57	0.36	0.09	19.94	45.71	34.26				
22	CR	≥4,250	≥3,860	0.26	0.72	5.88	55.94	8.28	7.97	6.11	12.65		
23	MPSR	≥4,250	≥4,250	0.52	0.36	0.02	23.32	49.54	27.11				
24	MC	≥4,250	≥4,240	0.41	0.49	0.09		18.69	26.62	14.13	40.47		
25	CR	≥4,250	≥3,990	0.19	0.75	3.88	46.44	20.90	10.30	5.83	6.77	2.63	1.15
26	MC	≥4,250	≥4,240	0.49	0.43	0.14		22.88	21.16	49.00	6.82		
27	SA	≥4,250	≥4,210	0.36	0.47	0.89	63.13	35.97					
28	MC	≥4,250	≥4,240	0.44	0.18	0.14		38.26	43.78	12.27	5.55		
29	MC	≥4,250	≥4,240	0.29	0.31	0.09		30.66	26.40	29.18	13.66		
30	MS	≥4,250	≥4,240	0.27	0.46	0.09	73.15	26.76					
31	TE	≥4,250	≥4,240	0.28	0.28	0.12	53.00	37.76	9.12				
32	SA	≥4,250	≥4,200	0.47	0.57	1.11	52.88	46.01					
33	SA	≥4,250	≥4,190	0.45	0.59	1.32	54.03	44.65					
34	TE	≥4,250	≥4,240	0.52	0.51	0.21	47.87	51.92					
35	MPSR	≥4,250	≥4,240	0.57	0.58	0.14	30.73	25.39	43.73				
36	TE	≥4,250	≥4,230	0.23	0.48	0.52	77.05	22.43					
37	CR	≥4,250	≥3,820	0.10	0.59	6.68	69.27	12.16	5.01	1.81	1.65		
38	CR	≥4,250	≥3,760	0.14	0.61	7.64	71.62	4.58	4.63	7.62			
39	CR	≥4,250	≥3,860	0.12	0.61	6.30	72.25	5.76	10.35	2.52			

Table G.13 Operational Item Statistics—English I Summer 2020 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1	% at 2	% at 3	% at 4
1	ESR	≥70	≥70	0.34	0.51	0.00	54.55	22.08	23.38		
2	TE	≥70	≥70	0.30	0.52	1.30	57.14	24.68	16.88		
3	ESR	≥70	≥70	0.53	0.50	0.00	32.47	28.57	38.96		
4	ESR	≥70	≥70	0.30	0.40	0.00	59.74	20.78	19.48		
5	ESR	≥70	≥70	0.62	0.51	0.00	32.47	10.39	57.14		
6	ESR	≥70	≥70	0.45	0.35	0.00	49.35	11.69	38.96		
7	CR	≥70	≥70	0.09	0.59	6.49	61.04	28.57	2.60		
8	CR	≥70	≥70	0.09	0.59	6.49	61.04	28.57	2.60		
9	CR	≥70	≥70	0.16	0.59	6.49	50.65	38.96	2.60		
10	ESR	≥70	≥70	0.36	0.24	0.00	61.04	5.19	33.77		
11	ESR	≥70	≥70	0.40	0.46	0.00	50.65	18.18	31.17		
12	ESR	≥70	≥70	0.49	0.49	0.00	42.86	15.58	41.56		
13	ESR	≥70	≥70	0.53	0.46	0.00	42.86	9.09	48.05		
14	ESR	≥70	≥70	0.34	0.27	0.00	61.04	9.09	29.87		
15	MS	≥70	≥70	0.26	0.52	0.00	58.44	31.17	10.39		
16	TE	≥70	≥70	0.40	0.27	1.30	37.66	42.86	18.18		
17	ESR	≥70	≥70	0.47	0.34	1.30	42.86	19.48	36.36		
18	ESR	≥70	≥70	0.34	0.49	0.00	63.64	5.19	31.17		
19	ESR	≥70	≥70	0.57	0.39	0.00	41.56	2.60	55.84		
20	MS	≥70	≥70	0.28	0.27	0.00	61.04	22.08	16.88		
21	TE	≥70	≥70	0.26	0.42	1.30	50.65	45.45	2.60		
22	CR	≥70	≥60	0.13	0.68	7.79	49.35	35.06	2.60	1.30	
23	CR	≥70	≥60	0.13	0.68	7.79	49.35	35.06	2.60	1.30	
24	CR	≥70	≥60	0.19	0.53	7.79	44.16	40.26	2.60	1.30	
25	ESR	≥70	≥70	0.68	0.56	0.00	28.57	6.49	64.94		
26	TE	≥70	≥70	0.36	0.37	0.00	55.84	15.58	28.57		
27	ESR	≥70	≥70	0.32	0.35	0.00	59.74	16.88	23.38		
28	ESR	≥70	≥70	0.45	0.47	0.00	48.05	14.29	37.66		
29	ESR	≥70	≥70	0.42	0.36	0.00	50.65	15.58	33.77		
30	ESR	≥70	≥70	0.42	0.45	0.00	41.56	32.47	25.97		
31	ESR	≥70	≥70	0.31	0.38	0.00	58.44	20.78	20.78		
32	ESR	≥70	≥70	0.27	0.04	0.00	57.14	31.17	11.69		
33	ESR	≥70	≥70	0.36	0.36	0.00	53.25	20.78	25.97		
34	TE	≥70	≥70	0.28	0.38	1.30	61.04	19.48	18.18		

Table G.14 Operational Item Statistics—English II Summer 2020 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1	% at 2	% at 3	% at 4
1	ESR	≥50	≥50	0.37	0.24	0.00	54.55	16.36	29.09		
2	TE	≥50	≥50	0.25	0.29	0.00	65.45	20.00	14.55		
3	ESR	≥50	≥50	0.19	0.09	0.00	70.91	20.00	9.09		
4	MS	≥50	≥50	0.18	0.15	0.00	70.91	21.82	7.27		
5	MS	≥50	≥50	0.13	0.08	0.00	76.36	21.82	1.82		
6	TE	≥50	≥50	0.32	0.31	0.00	38.18	60.00	1.82		
7	CR	≥50	≥50	0.13	0.69	5.45	54.55	27.27	9.09		
8	CR	≥50	≥50	0.13	0.69	5.45	54.55	27.27	9.09		
9	CR	≥50	≥50	0.16	0.73	5.45	56.36	25.45	9.09		
10	ESR	≥50	≥50	0.42	0.39	0.00	49.09	18.18	32.73		
11	ESR	≥50	≥50	0.36	0.39	0.00	50.91	25.45	23.64		
12	MS	≥50	≥50	0.33	0.34	0.00	50.91	32.73	16.36		
13	TE	≥50	≥50	0.13	0.47	0.00	76.36	21.82	1.82		
14	ESR	≥50	≥50	0.42	0.25	0.00	50.91	14.55	34.55		
15	TE	≥50	≥50	0.34	0.36	0.00	63.64	5.45	30.91		
16	MS	≥50	≥50	0.33	0.15	0.00	41.82	50.91	7.27		
17	ESR	≥50	≥50	0.30	0.42	1.82	52.73	32.73	12.73		
18	ESR	≥50	≥50	0.21	0.19	1.82	63.64	27.27	7.27		
19	ESR	≥50	≥50	0.55	0.50	0.00	36.36	18.18	45.45		
20	MS	≥50	≥50	0.19	0.45	0.00	67.27	27.27	5.45		
21	TE	≥50	≥50	0.47	0.53	0.00	49.09	7.27	43.64		
22	CR	≥50	≥50	0.12	0.76	5.45	54.55	29.09	7.27		
23	CR	≥50	≥50	0.12	0.76	5.45	54.55	29.09	7.27		
24	CR	≥50	≥50	0.17	0.72	5.45	54.55	27.27	9.09		
25	MS	≥50	≥50	0.47	0.60	0.00	34.55	36.36	29.09		
26	ESR	≥50	≥50	0.41	0.33	1.82	54.55	7.27	36.36		
27	ESR	≥50	≥50	0.25	0.20	0.00	69.09	12.73	18.18		
28	TE	≥50	≥50	0.29	0.44	0.00	54.55	32.73	12.73		
29	TE	≥50	≥50	0.25	0.28	0.00	54.55	41.82	3.64		
30	ESR	≥50	≥50	0.22	0.18	0.00	63.64	29.09	7.27		
31	ESR	≥50	≥50	0.22	0.22	0.00	70.91	14.55	14.55		
32	ESR	≥50	≥50	0.35	0.45	0.00	56.36	16.36	27.27		
33	TE	≥50	≥50	0.27	0.59	0.00	63.64	18.18	18.18		
34	ESR	≥50	≥50	0.28	0.57	0.00	47.27	49.09	3.64		

Table G.15 Operational Item Statistics—Algebra I Summer 2020 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1/A	% at 2/B	% at 3/C	% at 4/D	% at 5	% at 6
1	MC	≥100	≥100	0.51	0.37	0.00		22.00	17.00	51.00	10.00		
2	MS	≥100	≥100	0.19	0.60	0.00	81.00	19.00					
3	SA	≥100	≥90	0.23	0.68	2.00	75.00	23.00					
4	MPSR	≥100	≥100	0.26	0.62	0.00	65.00	18.00	17.00				
5	MPSR	≥100	≥90	0.27	0.34	1.00	47.00	50.00	2.00				
6	MC	≥100	≥90	0.37	0.28	2.00		12.00	16.00	36.00	34.00		
7	MC	≥100	≥90	0.49	0.32	1.00		20.00	49.00	19.00	11.00		
8	MC	≥100	≥100	0.38	0.42	0.00		38.00	26.00	26.00	10.00		
9	MC	≥100	≥100	0.35	0.53	0.00		30.00	35.00	23.00	12.00		
10	SA	≥100	≥100	0.57	0.60	0.00	11.00	24.00	15.00	27.00	23.00		
11	MC	≥100	≥100	0.43	0.43	0.00		13.00	43.00	38.00	6.00		
12	CR	≥100	≥100	0.42	0.70	0.00	31.00	26.00	29.00	14.00			
13	CR	≥100	≥80	0.26	0.74	4.00	50.00	17.00	14.00	8.00			
14	MC	≥100	≥100	0.71	0.41	0.00		8.00	71.00	14.00	7.00		
15	MC	≥100	≥100	0.34	0.49	0.00		22.00	10.00	34.00	34.00		
16	TE	≥100	≥100	0.27	0.68	0.00	73.00	27.00					
17	TE	≥100	≥100	0.30	0.64	0.00	70.00	30.00					
18	MC	≥100	≥100	0.42	0.56	0.00		13.00	16.00	29.00	42.00		
19	MC	≥100	≥100	0.33	0.43	0.00		33.00	31.00	30.00	6.00		
20	MC	≥100	≥100	0.30	0.41	0.00		30.00	23.00	30.00	17.00		
21	MPSR	≥100	≥90	0.38	0.33	1.00	37.00	49.00	13.00				
22	MS	≥100	≥100	0.26	0.49	0.00	74.00	26.00					
23	SA	≥100	≥90	0.18	0.68	5.00	69.00	17.00	9.00				
24	MC	≥100	≥90	0.24	0.33	1.00		8.00	35.00	32.00	24.00		
25	CR	≥100	≥80	0.13	0.75	8.00	63.00	9.00	4.00	5.00	1.00	5.00	1.00
26	CR	≥100	≥90	0.13	0.76	1.00	72.00	14.00	7.00	2.00	4.00		
27	MC	≥100	≥90	0.42	0.42	2.00		27.00	16.00	41.00	14.00		
28	MC	≥100	≥100	0.35	0.57	0.00		35.00	32.00	29.00	4.00		
29	MPSR	≥100	≥100	0.32	0.58	0.00	51.00	34.00	15.00				
30	MC	≥100	≥90	0.53	0.47	1.00		12.00	52.00	27.00	8.00		
31	SA	≥100	≥100	0.22	0.81	0.00	69.00	19.00	12.00				
32	MC	≥100	≥100	0.31	0.33	0.00		32.00	14.00	23.00	31.00		
33	MPSR	≥100	≥100	0.36	0.27	0.00	39.00	50.00	11.00				
34	TE	≥100	≥90	0.38	0.46	1.00	61.00	38.00					
35	MS	≥100	≥100	0.25	0.74	0.00	75.00	25.00					
36	MC	≥100	≥100	0.43	0.10	0.00		7.00	31.00	19.00	43.00		
37	CR	≥100	≥90	0.16	0.85	6.00	70.00	8.00	2.00	10.00			
38	CR	≥100	≥80	0.15	0.76	10.00	64.00	6.00	3.00	3.00	7.00		
39	CR	≥100	≥80	0.20	0.73	6.00	59.00	13.00	6.00	9.00			

Table G.16 Operational Item Statistics—Geometry Summer 2020 Administration

Item	Item Type	Total N	Adj. N	p-Value	Pbis	% Omit	% at 0	% at 1/A	% at 2/B	% at 3/C	% at 4/D	% at 5	% at 6
1	MPSR	≥40	≥40	0.37	0.06	0.00	37.21	51.16	11.63				
2	MC	≥40	≥40	0.44	0.03	0.00		25.58	44.19	18.60	11.63		
3	MC	≥40	≥40	0.49	0.08	0.00		27.91	9.30	48.84	13.95		
4	TE	≥40	≥40	0.23	0.44	0.00	76.74	23.26					
5	SA	≥40	≥40	0.09	0.14	0.00	90.70	9.30					
6	SA	≥40	≥40	0.14	0.14	0.00	86.05	13.95					
7	MPSR	≥40	≥40	0.43	0.24	0.00	32.56	48.84	18.60				
8	TE	≥40	≥40	0.07	0.29	0.00	93.02	6.98					
9	MC	≥40	≥40	0.30	0.54	0.00		30.23	32.56	23.26	13.95		
10	SA	≥40	≥40	0.19	0.45	0.00	44.19	41.86	9.30	4.65			
11	SA	≥40	≥40	0.05	0.29	0.00	95.35	4.65					
12	CR	≥40	≥30	0.11	0.19	2.33	69.77	4.65	11.63				
13	CR	≥40	≥30	0.00	.	2.33	90.70						
14	MC	≥40	≥40	0.33	0.03	0.00		9.30	13.95	44.19	32.56		
15	MC	≥40	≥40	0.33	0.35	0.00		32.56	32.56	20.93	13.95		
16	SA	≥40	≥40	0.14	0.36	0.00	86.05	13.95					
17	MC	≥40	≥40	0.28	-0.11	0.00		27.91	23.26	32.56	16.28		
18	MS	≥40	≥40	0.05	0.07	0.00	95.35	4.65					
19	TE	≥40	≥40	0.23	-0.04	0.00	55.81	41.86	2.33				
20	MC	≥40	≥40	0.28	0.16	0.00		18.60	9.30	44.19	27.91		
21	MPSR	≥40	≥40	0.49	-0.05	0.00	25.58	51.16	23.26				
22	CR	≥40	≥30	0.02	0.37	9.30	81.40			2.33			
23	MPSR	≥40	≥40	0.33	0.15	0.00	39.53	55.81	4.65				
24	MC	≥40	≥40	0.14	0.29	0.00		13.95	46.51	25.58	13.95		
25	CR	≥40	≥30	0.02	0.23	4.65	79.07	6.98	2.33				
26	MC	≥40	≥40	0.30	-0.18	0.00		18.60	41.86	30.23	9.30		
27	SA	≥40	≥40	0.14	-0.25	0.00	86.05	13.95					
28	MC	≥40	≥40	0.44	0.05	0.00		27.91	44.19	25.58	2.33		
29	MC	≥40	≥40	0.21	0.20	0.00		34.88	16.28	20.93	27.91		
30	MS	≥40	≥40	0.07	0.18	0.00	93.02	6.98					
31	TE	≥40	≥40	0.17	-0.11	2.33	65.12	32.56					
32	SA	≥40	≥40	0.09	0.22	0.00	90.70	9.30					
33	SA	≥40	≥40	0.05	0.37	2.33	93.02	4.65					
34	TE	≥40	≥40	0.16	-0.02	0.00	83.72	16.28					
35	MPSR	≥40	≥40	0.27	0.18	0.00	55.81	34.88	9.30				
36	TE	≥40	≥40	0.14	0.39	0.00	86.05	13.95					
37	CR	≥40	≥30	0.01	-0.08	9.30	76.74	2.33					
38	CR	≥40	≥30	0.00		9.30	81.40						
39	CR	≥40	≥30	0.00		2.33	86.05						

Student Participation Counts (Appendix H)

The counts and percentages of students in demographic groups by grade for the group of students comprising the technical report supplement sample for the 2019–2020 administrations are included in Tables H.1–H.16.

Table H.1 Count of Students Taking the Fall 2019 Administration: English I

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	<10	<10	≥10	≥4,520	≥2,310	≥750	≥120	≥7,730
Gender								
Female	<10	<10	≥10	≥2,230	≥780	≥240	≥40	≥3,320
Male	<10	<10	<10	≥2,290	≥1,520	≥500	≥80	≥4,410
Ethnicity								
Hispanic/Latino	<10	<10	<10	≥370	≥300	≥150	≥10	≥850
American Indian or Alaska Native	<10	<10	<10	≥30	<10	<10	<10	≥40
Asian	<10	<10	<10	≥80	≥20	<10	<10	≥120
Black or African American	<10	<10	<10	≥1,790	≥1,430	≥460	≥90	≥3,770
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	≥10	≥2,140	≥500	≥110	≥10	≥2,800
Two or More Races	<10	<10	<10	≥90	≥30	<10	<10	≥130
Education Classification								
Regular Education	<10	<10	≥10	≥3,830	≥1,700	≥560	≥90	≥6,210
Special Education	<10	<10	<10	≥370	≥590	≥170	≥30	≥1,180
Gifted Education	<10	<10	<10	≥310	≥10	<10	<10	≥340
Economic Status								
Economically Disadvantaged	<10	<10	≥10	≥3,020	≥2,050	≥680	≥110	≥5,880
Not Economically Disadvantaged	<10	<10	<10	≥1,500	≥250	≥70	≥10	≥1,850
English Learner Status								
Not English Learner	<10	<10	≥10	≥4,380	≥2,010	≥590	≥110	≥7,120
English Learner	<10	<10	<10	≥140	≥290	≥160	≥10	≥610
Migrant Status								
Not Migrant	<10	<10	≥10	≥4,520	≥2,300	≥750	≥120	≥7,720
Migrant	<10	<10	<10	<10	<10	<10	<10	≥10
Section 504 Status								
Non-section 504	<10	<10	≥10	≥4,100	≥1,930	≥640	≥110	≥6,800
Section 504	<10	<10	<10	≥420	≥370	≥110	≥10	≥930
Homeless Status								
Not Homeless	<10	<10	≥10	≥4,480	≥2,240	≥730	≥120	≥7,600
Homeless	<10	<10	<10	≥40	≥60	≥20	<10	≥130
Military Affiliation								
Not Military Affiliated	<10	<10	≥10	≥4,420	≥2,290	≥740	≥120	≥7,610
Military Affiliated	<10	<10	<10	≥100	≥10	<10	<10	≥120
Foster Care Status								
Not in Foster Care	<10	<10	≥10	≥4,520	≥2,300	≥750	≥120	≥7,720
Foster Care	<10	<10	<10	<10	<10	<10	<10	≥10

* Grade 9 includes the grade that is coded as "T9."

Table H.2 Percentage of Students Taking the Fall 2019 Administration: English I

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	0.00	0.00	0.22	58.52	29.85	9.74	1.67	100
Gender								
Female	0.00	0.00	0.39	67.23	23.53	7.49	1.35	100
Male	0.00	0.00	0.09	51.97	34.60	11.44	1.90	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	43.41	36.06	18.44	2.10	100
American Indian or Alaska Native	0.00	0.00	2.44	73.17	12.20	12.20	0.00	100
Asian	0.00	0.00	0.00	70.00	22.50	5.83	1.67	100
Black or African American	0.00	0.00	0.05	47.50	37.89	12.17	2.38	100
Native Hawaiian or Other Pacific	0.00	0.00	0.00	75.00	25.00	0.00	0.00	100
White	0.00	0.00	0.50	76.65	18.06	4.11	0.68	100
Two or More Races	0.00	0.00	0.00	71.53	21.90	6.57	0.00	100
Education Classification								
Regular Education	0.00	0.00	0.16	61.82	27.38	9.16	1.48	100
Special Education	0.00	0.00	0.00	31.81	50.21	15.02	2.95	100
Gifted Education	0.00	0.00	2.03	90.99	4.36	2.03	0.58	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.17	51.38	34.95	11.60	1.90	100
Not Economically Disadvantaged	0.00	0.00	0.38	81.24	13.62	3.84	0.92	100
English Learner Status								
Not English Learner	0.00	0.00	0.24	61.62	28.27	8.30	1.57	100
English Learner	0.00	0.00	0.00	22.82	48.06	26.38	2.75	100
Migrant Status								
Not Migrant	0.00	0.00	0.22	58.61	29.78	9.72	1.67	100
Migrant	0.00	0.00	0.00	7.69	69.23	23.08	0.00	100
Section 504 Status								
Non-section 504	0.00	0.00	0.24	60.24	28.47	9.44	1.62	100
Section 504	0.00	0.00	0.11	45.97	39.96	11.92	2.04	100
Homeless Status								
Not Homeless	0.00	0.00	0.21	58.94	29.53	9.65	1.67	100
Homeless	0.00	0.00	0.77	33.85	48.46	15.38	1.54	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.22	58.08	30.16	9.84	1.69	100
Military Affiliated	0.00	0.00	0.00	85.04	11.02	3.94	0.00	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.22	58.59	29.81	9.70	1.67	100
Foster Care	0.00	0.00	0.00	9.09	54.55	36.36	0.00	100

* Grade 9 includes the grade that is coded as "T9."

Table H.3 Count of Students Taking the Fall 2019 Administration: English II

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	<10	<10	<10	≥540	≥4,660	≥1,350	≥1,400	≥7,960
Gender								
Female	<10	<10	<10	≥270	≥2,370	≥470	≥450	≥3,570
Male	<10	<10	<10	≥270	≥2,280	≥880	≥940	≥4,390
Ethnicity								
Hispanic/Latino	<10	<10	<10	≥60	≥380	≥230	≥240	≥930
American Indian or Alaska Native	<10	<10	<10	<10	≥30	<10	<10	≥40
Asian	<10	<10	<10	≥20	≥80	≥10	≥10	≥150
Black or African American	<10	<10	<10	≥190	≥1,990	≥800	≥880	≥3,860
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	≥240	≥2,070	≥270	≥240	≥2,830
Two or More Races	<10	<10	<10	≥10	≥90	≥10	<10	≥130
Education Classification								
Regular Education	<10	<10	<10	≥410	≥4,020	≥1,050	≥1,090	≥6,590
Special Education	<10	<10	<10	≥20	≥330	≥290	≥290	≥950
Gifted Education	<10	<10	<10	≥100	≥290	≥10	<10	≥420
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥330	≥3,010	≥1,200	≥1,170	≥5,730
Not Economically Disadvantaged	<10	<10	<10	≥200	≥1,640	≥150	≥230	≥2,230
English Learner Status								
Not English Learner	<10	<10	<10	≥530	≥4,520	≥1,120	≥1,130	≥7,310
English Learner	<10	<10	<10	≥10	≥130	≥230	≥270	≥650
Migrant Status								
Not Migrant	<10	<10	<10	≥540	≥4,650	≥1,350	≥1,390	≥7,950
Migrant	<10	<10	<10	<10	<10	<10	<10	≥10
Section 504 Status								
Non-section 504	<10	<10	<10	≥490	≥4,280	≥1,180	≥1,140	≥7,110
Section 504	<10	<10	<10	≥50	≥370	≥170	≥250	≥850
Homeless Status								
Not Homeless	<10	<10	<10	≥540	≥4,610	≥1,320	≥1,370	≥7,850
Homeless	<10	<10	<10	<10	≥40	≥30	≥20	≥110
Military Affiliation								
Not Military Affiliated	<10	<10	<10	≥530	≥4,520	≥1,350	≥1,400	≥7,810
Military Affiliated	<10	<10	<10	<10	≥130	<10	<10	≥150
Foster Care Status								
Not in Foster Care	<10	<10	<10	≥540	≥4,650	≥1,350	≥1,400	≥7,960
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.4 Percentage of Students Taking the Fall 2019 Administration: English II

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	0.00	0.00	0.00	6.88	58.50	17.02	17.61	100
Gender								
Female	0.00	0.00	0.00	7.56	66.52	13.19	12.74	100
Male	0.00	0.00	0.00	6.32	51.99	20.13	21.56	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	7.14	41.04	25.37	26.44	100
American Indian or Alaska Native	0.00	0.00	0.00	0.00	80.95	16.67	2.38	100
Asian	0.00	0.00	0.00	18.67	56.00	12.67	12.67	100
Black or African American	0.00	0.00	0.00	4.94	51.47	20.81	22.78	100
Native Hawaiian or Other Pacific	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100
White	0.00	0.00	0.00	8.68	73.09	9.56	8.68	100
Two or More Races	0.00	0.00	0.00	12.12	69.70	12.12	6.06	100
Education Classification								
Regular Education	0.00	0.00	0.00	6.31	61.09	15.96	16.64	100
Special Education	0.00	0.00	0.00	2.42	35.58	30.74	31.26	100
Gifted Education	0.00	0.00	0.00	25.53	69.56	2.81	2.11	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.00	5.91	52.62	21.03	20.44	100
Not Economically Disadvantaged	0.00	0.00	0.00	9.36	73.59	6.71	10.34	100
English Learner Status								
Not English Learner	0.00	0.00	0.00	7.36	61.84	15.33	15.48	100
English Learner	0.00	0.00	0.00	1.53	21.22	35.88	41.37	100
Migrant Status								
Not Migrant	0.00	0.00	0.00	6.87	58.52	17.04	17.57	100
Migrant	0.00	0.00	0.00	9.09	45.45	0.00	45.45	100
Section 504 Status								
Non-section 504	0.00	0.00	0.00	7.00	60.28	16.58	16.13	100
Section 504	0.00	0.00	0.00	5.85	43.68	20.61	29.86	100
Homeless Status								
Not Homeless	0.00	0.00	0.00	6.91	58.72	16.83	17.54	100
Homeless	0.00	0.00	0.00	4.46	42.86	30.36	22.32	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.00	6.90	57.87	17.31	17.92	100
Military Affiliated	0.00	0.00	0.00	5.92	90.79	1.97	1.32	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.00	6.88	58.52	17.01	17.60	100
Foster Care	0.00	0.00	0.00	0.00	42.86	28.57	28.57	100

* Grade 9 includes the grade that is coded as "T9."

Table H.5 Count of Students Taking the Fall 2019 Administration: Algebra I

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	<10	<10	<10	≥2,790	≥2,020	≥700	≥320	≥5,850
Gender								
Female	<10	<10	<10	≥1,350	≥900	≥300	≥130	≥2,690
Male	<10	<10	<10	≥1,430	≥1,120	≥400	≥190	≥3,150
Ethnicity								
Hispanic/Latino	<10	<10	<10	≥240	≥200	≥90	≥30	≥580
American Indian or Alaska Native	<10	<10	<10	≥10	≥10	<10	<10	≥30
Asian	<10	<10	<10	≥60	≥10	<10	<10	≥80
Black or African American	<10	<10	<10	≥1,040	≥1,250	≥450	≥220	≥2,980
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	≥1,350	≥490	≥140	≥50	≥2,050
Two or More Races	<10	<10	<10	≥60	≥30	≥10	<10	≥110
Education Classification								
Regular Education	<10	<10	<10	≥2,480	≥1,600	≥510	≥250	≥4,860
Special Education	<10	<10	<10	≥150	≥400	≥180	≥60	≥810
Gifted Education	<10	<10	<10	≥150	≥10	<10	<10	≥170
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥1,840	≥1,760	≥610	≥280	≥4,510
Not Economically Disadvantaged	<10	<10	<10	≥940	≥260	≥80	≥40	≥1,330
English Learner Status								
Not English Learner	<10	<10	<10	≥2,700	≥1,840	≥620	≥280	≥5,460
English Learner	<10	<10	<10	≥90	≥170	≥80	≥40	≥390
Migrant Status								
Not Migrant	<10	<10	<10	≥2,790	≥2,020	≥700	≥320	≥5,840
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	<10	≥2,560	≥1,770	≥590	≥270	≥5,210
Section 504	<10	<10	<10	≥220	≥250	≥100	≥50	≥630
Homeless Status								
Not Homeless	<10	<10	<10	≥2,770	≥1,980	≥680	≥320	≥5,760
Homeless	<10	<10	<10	≥20	≥40	≥10	<10	≥80
Military Affiliation								
Not Military Affiliated	<10	<10	<10	≥2,700	≥2,010	≥700	≥320	≥5,750
Military Affiliated	<10	<10	<10	≥80	≥10	<10	<10	≥100
Foster Care Status								
Not in Foster Care	<10	<10	<10	≥2,790	≥2,020	≥700	≥320	≥5,840
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.6 Percentage of Students Taking the Fall 2019 Administration: Algebra I

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	0.00	0.00	0.03	47.68	34.65	12.05	5.59	100
Gender								
Female	0.00	0.00	0.07	50.22	33.49	11.13	5.08	100
Male	0.00	0.00	0.00	45.52	35.64	12.83	6.02	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	42.20	35.51	15.61	6.69	100
American Indian or Alaska Native	0.00	0.00	0.00	33.33	44.44	19.44	2.78	100
Asian	0.00	0.00	0.00	75.29	17.65	0.00	7.06	100
Black or African American	0.00	0.00	0.07	35.00	42.08	15.20	7.65	100
Native Hawaiian or Other Pacific	0.00	0.00	0.00	50.00	50.00	0.00	0.00	100
White	0.00	0.00	0.00	66.18	24.32	6.97	2.53	100
Two or More Races	0.00	0.00	0.00	58.26	31.30	9.57	0.87	100
Education Classification								
Regular Education	0.00	0.00	0.04	51.02	33.02	10.64	5.29	100
Special Education	0.00	0.00	0.00	19.53	50.12	22.36	7.99	100
Gifted Education	0.00	0.00	0.00	85.39	8.43	3.37	2.81	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.04	40.95	39.00	13.71	6.29	100
Not Economically Disadvantaged	0.00	0.00	0.00	70.40	19.96	6.43	3.21	100
English Learner Status								
Not English Learner	0.00	0.00	0.04	49.44	33.85	11.44	5.24	100
English Learner	0.00	0.00	0.00	23.08	45.90	20.51	10.51	100
Migrant Status								
Not Migrant	0.00	0.00	0.03	47.72	34.64	12.02	5.59	100
Migrant	0.00	0.00	0.00	0.00	50.00	50.00	0.00	100
Section 504 Status								
Non-section 504	0.00	0.00	0.02	49.25	33.95	11.48	5.29	100
Section 504	0.00	0.00	0.16	34.85	40.35	16.64	8.01	100
Homeless Status								
Not Homeless	0.00	0.00	0.02	48.07	34.43	11.93	5.55	100
Homeless	0.00	0.00	1.14	22.73	48.86	19.32	7.95	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.03	47.06	35.07	12.17	5.67	100
Military Affiliated	0.00	0.00	0.00	83.17	10.89	4.95	0.99	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.03	47.74	34.60	12.03	5.60	100
Foster Care	0.00	0.00	0.00	11.11	66.67	22.22	0.00	100

* Grade 9 includes the grade that is coded as "T9."

Table H.7 Count of Students Taking the Fall 2019 Administration: Geometry

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	<10	<10	<10	≥1,100	≥2,480	≥720	≥230	≥4,550
Gender								
Female	<10	<10	<10	≥600	≥1,350	≥320	≥100	≥2,390
Male	<10	<10	<10	≥490	≥1,130	≥390	≥130	≥2,160
Ethnicity								
Hispanic/Latino	<10	<10	<10	≥110	≥260	≥110	≥30	≥510
American Indian or Alaska Native	<10	<10	<10	<10	≥10	<10	<10	≥10
Asian	<10	<10	<10	≥60	≥60	<10	<10	≥130
Black or African American	<10	<10	<10	≥370	≥970	≥350	≥160	≥1,860
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	≥520	≥1,110	≥230	≥30	≥1,900
Two or More Races	<10	<10	<10	≥20	≥60	≥10	<10	≥100
Education Classification								
Regular Education	<10	<10	<10	≥830	≥2,190	≥630	≥200	≥3,850
Special Education	<10	<10	<10	≥20	≥120	≥70	≥30	≥250
Gifted Education	<10	<10	<10	≥240	≥170	≥10	<10	≥430
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥570	≥1,640	≥560	≥200	≥2,980
Not Economically Disadvantaged	<10	<10	<10	≥520	≥840	≥160	≥30	≥1,560
English Learner Status								
Not English Learner	<10	<10	<10	≥1,090	≥2,400	≥630	≥200	≥4,330
English Learner	<10	<10	<10	≥10	≥80	≥80	≥30	≥210
Migrant Status								
Not Migrant	<10	<10	<10	≥1,100	≥2,480	≥720	≥230	≥4,540
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	<10	≥1,060	≥2,280	≥660	≥210	≥4,220
Section 504	<10	<10	<10	≥40	≥200	≥50	≥20	≥320
Homeless Status								
Not Homeless	<10	<10	<10	≥1,080	≥2,460	≥710	≥230	≥4,500
Homeless	<10	<10	<10	≥10	≥20	<10	<10	≥50
Military Affiliation								
Not Military Affiliated	<10	<10	<10	≥1,050	≥2,410	≥710	≥230	≥4,420
Military Affiliated	<10	<10	<10	≥40	≥60	<10	<10	≥120
Foster Care Status								
Not in Foster Care	<10	<10	<10	≥1,100	≥2,480	≥720	≥230	≥4,550
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.8 Percentage of Students Taking the Fall 2019 Administration: Geometry

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	0.00	0.00	0.00	24.19	54.67	15.91	5.23	100
Gender								
Female	0.00	0.00	0.00	25.26	56.63	13.63	4.48	100
Male	0.00	0.00	0.00	23.01	52.50	18.43	6.06	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	21.75	50.68	21.75	5.83	100
American Indian or Alaska Native	0.00	0.00	0.00	22.22	72.22	5.56	0.00	100
Asian	0.00	0.00	0.00	44.12	46.32	6.62	2.94	100
Black or African American	0.00	0.00	0.00	19.98	52.33	18.80	8.89	100
Native Hawaiian or Other Pacific	0.00	0.00	0.00	0.00	25.00	50.00	25.00	100
White	0.00	0.00	0.00	27.44	58.29	12.38	1.89	100
Two or More Races	0.00	0.00	0.00	27.62	59.05	12.38	0.95	100
Education Classification								
Regular Education	0.00	0.00	0.00	21.62	56.82	16.36	5.21	100
Special Education	0.00	0.00	0.00	9.69	48.06	28.68	13.57	100
Gifted Education	0.00	0.00	0.00	55.63	39.54	4.37	0.46	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.00	19.37	54.99	18.90	6.74	100
Not Economically Disadvantaged	0.00	0.00	0.00	33.38	54.05	10.21	2.36	100
English Learner Status								
Not English Learner	0.00	0.00	0.00	25.15	55.35	14.71	4.79	100
English Learner	0.00	0.00	0.00	4.69	40.85	40.38	14.08	100
Migrant Status								
Not Migrant	0.00	0.00	0.00	24.21	54.66	15.90	5.23	100
Migrant	0.00	0.00	0.00	0.00	66.67	33.33	0.00	100
Section 504 Status								
Non-section 504	0.00	0.00	0.00	25.10	54.01	15.80	5.09	100
Section 504	0.00	0.00	0.00	12.35	63.27	17.28	7.10	100
Homeless Status								
Not Homeless	0.00	0.00	0.00	24.20	54.80	15.89	5.11	100
Homeless	0.00	0.00	0.00	23.53	43.14	17.65	15.69	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.00	23.84	54.62	16.17	5.37	100
Military Affiliated	0.00	0.00	0.00	36.89	56.56	6.56	0.00	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.00	24.20	54.68	15.91	5.21	100
Foster Care	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100

* Grade 9 includes the grade that is coded as "T9."

Table H.9 Count of Students Taking the Summer 2020 Administration: English I

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	<10	<10	<10	≥140	≥320	≥160	<10	≥630
Gender								
Female	<10	<10	<10	≥30	≥80	≥40	<10	≥160
Male	<10	<10	<10	≥110	≥240	≥110	<10	≥470
Ethnicity								
Hispanic/Latino	<10	<10	<10	<10	≥30	≥20	<10	≥70
American Indian or Alaska Native	<10	<10	<10	<10	<10	<10	<10	<10
Asian	<10	<10	<10	<10	<10	<10	<10	<10
Black or African American	<10	<10	<10	≥80	≥230	≥100	<10	≥430
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	≥40	≥50	≥20	<10	≥120
Two or More Races	<10	<10	<10	<10	<10	<10	<10	<10
Education Classification								
Regular Education	<10	<10	<10	≥100	≥230	≥110	<10	≥460
Special Education	<10	<10	<10	≥30	≥80	≥50	<10	≥170
Gifted Education	<10	<10	<10	<10	<10	<10	<10	<10
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥110	≥280	≥140	<10	≥540
Not Economically Disadvantaged	<10	<10	<10	≥20	≥40	≥20	<10	≥90
English Learner Status								
Not English Learner	<10	<10	<10	≥130	≥280	≥130	<10	≥560
English Learner	<10	<10	<10	≥10	≥30	≥25	<10	≥70
Migrant Status								
Not Migrant	<10	<10	<10	≥140	≥320	≥160	<10	≥630
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	<10	≥100	≥250	≥130	<10	≥500
Section 504	<10	<10	<10	≥30	≥70	≥30	<10	≥130
Homeless Status								
Not Homeless	<10	<10	<10	≥140	≥320	≥150	<10	≥620
Homeless	<10	<10	<10	<10	<10	<10	<10	≥10
Military Affiliation								
Not Military Affiliated	<10	<10	<10	≥140	≥320	≥160	<10	≥630
Military Affiliated	<10	<10	<10	<10	<10	<10	<10	<10
Foster Care Status								
Not in Foster Care	<10	<10	<10	≥140	≥320	≥160	<10	≥630
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.10 Percentage of Students Taking the Summer 2020 Administration: English I

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	0.00	0.00	0.00	22.07	51.33	25.51	1.10	100
Gender								
Female	0.00	0.00	0.00	18.90	53.66	26.83	0.61	100
Male	0.00	0.00	0.00	23.16	50.53	25.05	1.26	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	8.45	53.52	36.62	1.41	100
American Indian or Alaska Native	0.00	0.00	0.00	0.00	0.00	66.67	33.33	100
Asian	0.00	0.00	0.00	20.00	60.00	20.00	0.00	100
Black or African American	0.00	0.00	0.00	20.70	53.49	25.35	0.47	100
Native Hawaiian or Other Pacific								
White	0.00	0.00	0.00	34.40	44.00	19.20	2.40	100
Two or More Races	0.00	0.00	0.00	40.00	40.00	20.00	0.00	100
Education Classification								
Regular Education	0.00	0.00	0.00	23.59	51.30	24.03	1.08	100
Special Education	0.00	0.00	0.00	18.29	50.86	29.71	1.14	100
Gifted Education	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.00	21.59	51.66	26.20	0.55	100
Not Economically Disadvantaged	0.00	0.00	0.00	24.74	49.48	21.65	4.12	100
English Learner Status								
Not English Learner	0.00	0.00	0.00	23.13	51.42	24.56	0.89	100
English Learner	0.00	0.00	0.00	14.29	50.65	32.47	2.60	100
Migrant Status								
Not Migrant	0.00	0.00	0.00	22.10	51.41	25.39	1.10	100
Migrant	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Section 504 Status								
Non-section 504	0.00	0.00	0.00	21.63	50.99	26.39	0.99	100
Section 504	0.00	0.00	0.00	23.70	52.59	22.22	1.48	100
Homeless Status								
Not Homeless	0.00	0.00	0.00	22.33	51.83	24.72	1.12	100
Homeless	0.00	0.00	0.00	8.33	25.00	66.67	0.00	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.00	21.98	51.33	25.59	1.10	100
Military Affiliated	0.00	0.00	0.00	50.00	50.00	0.00	0.00	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.00	22.14	51.18	25.59	1.10	100
Foster Care	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100

* Grade 9 includes the grade that is coded as "T9."

Table H.11 Count of Students Taking the Summer 2020 Administration: English II

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	<10	<10	<10	≥10	≥60	≥150	≥10	≥240
Gender								
Female	<10	<10	<10	<10	≥10	≥40	<10	≥60
Male	<10	<10	<10	≥10	≥50	≥100	≥10	≥180
Ethnicity								
Hispanic/Latino	<10	<10	<10	<10	<10	≥20	<10	≥30
American Indian or Alaska Native	<10	<10	<10	<10	<10	<10	<10	<10
Asian	<10	<10	<10	<10	<10	<10	<10	<10
Black or African American	<10	<10	<10	<10	≥30	≥100	<10	≥150
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	<10	≥10	≥20	<10	≥50
Two or More Races	<10	<10	<10	<10	<10	<10	<10	<10
Education Classification								
Regular Education	<10	<10	<10	≥10	≥40	≥100	≥10	≥170
Special Education	<10	<10	<10	<10	≥10	≥40	<10	≥60
Gifted Education	<10	<10	<10	<10	<10	<10	<10	<10
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥10	≥40	≥120	<10	≥190
Not Economically Disadvantaged	<10	<10	<10	<10	≥10	≥20	≥10	≥50
English Learner Status								
Not English Learner	<10	<10	<10	≥10	≥60	≥120	≥10	≥210
English Learner	<10	<10	<10	<10	<10	≥20	<10	≥30
Migrant Status								
Not Migrant	<10	<10	<10	≥10	≥60	≥150	≥10	≥240
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	<10	≥10	≥50	≥120	≥10	≥200
Section 504	<10	<10	<10	<10	<10	≥20	<10	≥40
Homeless Status								
Not Homeless	<10	<10	<10	≥10	≥60	≥140	≥10	≥240
Homeless	<10	<10	<10	<10	<10	<10	<10	<10
Military Affiliation								
Not Military Affiliated	<10	<10	<10	≥10	≥60	≥150	≥10	≥240
Military Affiliated	<10	<10	<10	<10	<10	<10	<10	<10
Foster Care Status								
Not in Foster Care	<10	<10	<10	≥10	≥60	≥140	≥10	≥240
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.12 Percentage of Students Taking the Summer 2020 Administration: English II

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	0.00	0.00	0.00	5.69	26.42	60.98	6.91	100
Gender								
Female	0.00	0.00	0.00	1.56	20.31	70.31	7.81	100
Male	0.00	0.00	0.00	7.14	28.57	57.69	6.59	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	3.03	18.18	60.61	18.18	100
American Indian or Alaska Native	0.00	0.00	0.00	0.00	50.00	50.00	0.00	100
Asian	0.00	0.00	0.00	25.00	0.00	50.00	25.00	100
Black or African American	0.00	0.00	0.00	5.16	25.16	64.52	5.16	100
Native Hawaiian or Other Pacific								
White	0.00	0.00	0.00	7.84	37.25	50.98	3.92	100
Two or More Races	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Education Classification								
Regular Education	0.00	0.00	0.00	6.21	26.55	57.63	9.60	100
Special Education	0.00	0.00	0.00	4.41	25.00	70.59	0.00	100
Gifted Education	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.00	6.32	25.79	66.32	1.58	100
Not Economically Disadvantaged	0.00	0.00	0.00	3.57	28.57	42.86	25.00	100
English Learner Status								
Not English Learner	0.00	0.00	0.00	6.10	28.64	60.56	4.69	100
English Learner	0.00	0.00	0.00	3.03	12.12	63.64	21.21	100
Migrant Status								
Not Migrant	0.00	0.00	0.00	5.69	26.42	60.98	6.91	100
Migrant								
Section 504 Status								
Non-section 504	0.00	0.00	0.00	6.31	27.18	59.71	6.80	100
Section 504	0.00	0.00	0.00	2.50	22.50	67.50	7.50	100
Homeless Status								
Not Homeless	0.00	0.00	0.00	5.83	26.67	60.42	7.08	100
Homeless	0.00	0.00	0.00	0.00	16.67	83.33	0.00	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.00	5.69	26.42	60.98	6.91	100
Military Affiliated								
Foster Care Status								
Not in Foster Care	0.00	0.00	0.00	5.71	26.53	60.82	6.94	100
Foster Care	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100

* Grade 9 includes the grade that is coded as "T9."

Table H.13 Count of Students Taking the Summer 2020 Administration: Algebra I

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	<10	<10	≥10	≥90	≥190	≥110	<10	≥420
Gender								
Female	<10	<10	<10	≥20	≥90	≥40	<10	≥170
Male	<10	<10	≥10	≥60	≥100	≥70	<10	≥250
Ethnicity								
Hispanic/Latino	<10	<10	<10	<10	≥10	≥10	<10	≥20
American Indian or Alaska Native	<10	<10	<10	<10	<10	<10	<10	<10
Asian	<10	<10	<10	<10	<10	<10	<10	<10
Black or African American	<10	<10	<10	≥50	≥130	≥80	<10	≥260
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	≥10	≥30	≥40	≥20	<10	≥120
Two or More Races	<10	<10	<10	<10	<10	<10	<10	<10
Education Classification								
Regular Education	<10	<10	<10	≥70	≥150	≥80	<10	≥310
Special Education	<10	<10	<10	≥10	≥40	≥30	<10	≥90
Gifted Education	<10	<10	≥10	<10	<10	<10	<10	≥10
Economic Status								
Economically Disadvantaged	<10	<10	<10	≥60	≥170	≥90	<10	≥340
Not Economically Disadvantaged	<10	<10	≥10	≥20	≥20	≥10	<10	≥80
English Learner Status								
Not English Learner	<10	<10	≥10	≥80	≥180	≥100	<10	≥390
English Learner	<10	<10	<10	<10	≥10	≥11	<10	≥30
Migrant Status								
Not Migrant	<10	<10	≥10	≥90	≥190	≥110	<10	≥420
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	≥10	≥70	≥170	≥90	<10	≥360
Section 504	<10	<10	<10	≥20	≥20	≥20	<10	≥60
Homeless Status								
Not Homeless	<10	<10	≥10	≥80	≥190	≥110	<10	≥420
Homeless	<10	<10	<10	<10	<10	<10	<10	<10
Military Affiliation								
Not Military Affiliated	<10	<10	≥10	≥90	≥190	≥110	<10	≥420
Military Affiliated	<10	<10	<10	<10	<10	<10	<10	<10
Foster Care Status								
Not in Foster Care	<10	<10	≥10	≥90	≥190	≥110	<10	≥420
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.14 Percentage of Students Taking the Summer 2020 Administration: Algebra I

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	0.00	0.00	3.74	21.03	46.03	27.34	1.87	100
Gender								
Female	0.00	0.00	3.53	13.53	53.53	27.06	2.35	100
Male	0.00	0.00	3.88	25.97	41.09	27.52	1.55	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	11.54	42.31	38.46	7.69	100
American Indian or Alaska Native	0.00	0.00	0.00	0.00	50.00	50.00	0.00	100
Asian	0.00	0.00	0.00	33.33	66.67	0.00	0.00	100
Black or African American	0.00	0.00	0.74	18.59	49.44	30.48	0.74	100
Native Hawaiian or Other Pacific								
White	0.00	0.00	11.20	28.80	37.60	19.20	3.20	100
Two or More Races	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100
Education Classification								
Regular Education	0.00	0.00	1.88	22.57	47.96	25.39	2.19	100
Special Education	0.00	0.00	0.00	17.71	43.75	37.50	1.04	100
Gifted Education	0.00	0.00	76.92	7.69	15.38	0.00	0.00	100
Economic Status								
Economically Disadvantaged	0.00	0.00	0.87	19.36	49.71	28.61	1.45	100
Not Economically Disadvantaged	0.00	0.00	15.85	28.05	30.49	21.95	3.66	100
English Learner Status								
Not English Learner	0.00	0.00	4.03	21.41	46.60	26.70	1.26	100
English Learner	0.00	0.00	0.00	16.13	38.71	35.48	9.68	100
Migrant Status								
Not Migrant	0.00	0.00	3.75	21.08	46.14	27.17	1.87	100
Migrant	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Section 504 Status								
Non-section 504	0.00	0.00	4.44	19.44	47.22	26.94	1.94	100
Section 504	0.00	0.00	0.00	29.41	39.71	29.41	1.47	100
Homeless Status								
Not Homeless	0.00	0.00	3.80	20.90	46.08	27.32	1.90	100
Homeless	0.00	0.00	0.00	28.57	42.86	28.57	0.00	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	3.75	21.08	46.14	27.17	1.87	100
Military Affiliated	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Foster Care Status								
Not in Foster Care	0.00	0.00	3.74	21.03	46.03	27.34	1.87	100
Foster Care								

* Grade 9 includes the grade that is coded as "T9."

Table H.15 Count of Students Taking the Summer 2020 Administration: Geometry

Group	Grade							Total
	6	7	8	9*	10	11	12	
All Students	<10	<10	<10	<10	≥20	≥10	<10	≥50
Gender								
Female	<10	<10	<10	<10	≥10	<10	<10	≥20
Male	<10	<10	<10	<10	≥10	≥10	<10	≥30
Ethnicity								
Hispanic/Latino	<10	<10	<10	<10	<10	<10	<10	<10
American Indian or Alaska Native	<10	<10	<10	<10	<10	<10	<10	<10
Asian	<10	<10	<10	<10	<10	<10	<10	<10
Black or African American	<10	<10	<10	<10	≥10	≥10	<10	≥40
Native Hawaiian or Other Pacific	<10	<10	<10	<10	<10	<10	<10	<10
White	<10	<10	<10	<10	<10	<10	<10	≥10
Two or More Races	<10	<10	<10	<10	<10	<10	<10	<10
Education Classification								
Regular Education	<10	<10	<10	<10	≥20	≥10	<10	≥40
Special Education	<10	<10	<10	<10	<10	<10	<10	≥10
Gifted Education	<10	<10	<10	<10	<10	<10	<10	<10
Economic Status								
Economically Disadvantaged	<10	<10	<10	<10	≥10	≥10	<10	≥40
Not Economically Disadvantaged	<10	<10	<10	<10	<10	<10	<10	≥10
English Learner Status								
Not English Learner	<10	<10	<10	<10	≥20	≥10	<10	≥50
English Learner	<10	<10	<10	<10	<10	<10	<10	<10
Migrant Status								
Not Migrant	<10	<10	<10	<10	≥20	≥10	<10	≥50
Migrant	<10	<10	<10	<10	<10	<10	<10	<10
Section 504 Status								
Non-section 504	<10	<10	<10	<10	≥20	≥10	<10	≥50
Section 504	<10	<10	<10	<10	<10	<10	<10	<10
Homeless Status								
Not Homeless	<10	<10	<10	<10	≥20	≥10	<10	≥50
Homeless	<10	<10	<10	<10	<10	<10	<10	<10
Military Affiliation								
Not Military Affiliated	<10	<10	<10	<10	≥20	≥10	<10	≥50
Military Affiliated	<10	<10	<10	<10	<10	<10	<10	<10
Foster Care Status								
Not in Foster Care	<10	<10	<10	<10	≥20	≥10	<10	≥50
Foster Care	<10	<10	<10	<10	<10	<10	<10	<10

* Grade 9 includes the grade that is coded as "T9."

Table H.16 Percentage of Students Taking the Summer 2020 Administration: Geometry

Group	Grade							
	6	7	8	9*	10	11	12	Total
All Students	0.00	0.00	0.00	12.28	45.61	33.33	8.77	100
Gender								
Female	0.00	0.00	0.00	8.70	47.83	39.13	4.35	100
Male	0.00	0.00	0.00	14.71	44.12	29.41	11.76	100
Ethnicity								
Hispanic/Latino	0.00	0.00	0.00	0.00	66.67	33.33	0.00	100
American Indian or Alaska Native								
Asian	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100
Black or African American	0.00	0.00	0.00	14.63	39.02	36.59	9.76	100
Native Hawaiian or Other Pacific								
White	0.00	0.00	0.00	0.00	66.67	25.00	8.33	100
Two or More Races								
Education Classification								
Regular Education	0.00	0.00	0.00	13.33	44.44	31.11	11.11	100
Special Education	0.00	0.00	0.00	8.33	50.00	41.67	0.00	100
Gifted Education								
Economic Status								
Economically Disadvantaged	0.00	0.00	0.00	12.20	41.46	39.02	7.32	100
Not Economically Disadvantaged	0.00	0.00	0.00	12.50	56.25	18.75	12.50	100
English Learner Status								
Not English Learner	0.00	0.00	0.00	12.50	46.43	32.14	8.93	100
English Learner	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Migrant Status								
Not Migrant	0.00	0.00	0.00	12.28	45.61	33.33	8.77	100
Migrant								
Section 504 Status								
Non-section 504	0.00	0.00	0.00	12.00	46.00	36.00	6.00	100
Section 504	0.00	0.00	0.00	14.29	42.86	14.29	28.57	100
Homeless Status								
Not Homeless	0.00	0.00	0.00	10.71	46.43	33.93	8.93	100
Homeless	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100
Military Affiliation								
Not Military Affiliated	0.00	0.00	0.00	12.50	46.43	32.14	8.93	100
Military Affiliated	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100
Foster Care Status								
Not in Foster Care	0.00	0.00	0.00	12.28	45.61	33.33	8.77	100
Foster Care								

* Grade 9 includes the grade that is coded as "T9."