

STATISTICAL SUMMARY

SPRING 2025 ADMINISTRATION OF OHIO'S STATE TESTS IN ENGLISH LANGUAGE ARTS,

MATHEMATICS, SCIENCE AND SOCIAL STUDIES

Ohio's State Tests are designed to measure student progress toward achievement of Ohio's Learning Standards. The Ohio Department of Education and Workforce administered Ohio's State Tests to students in grades 3-8 and high school in the spring of 2025.

Ohio's State Tests are fixed form assessments that are intended for online administration. However, paper format is available as accommodation for special circumstances.

The statistics reported here are based on the results of all public school and community school students participating in the spring 2025 administration. Data for grade 3 ELA and all high school tests include both first-time and repeat test takers.

**Table 1 – Operational Summary Statistics**

Test	N-count	Max Raw Score	Raw Score Mean	Raw Score Standard Deviation	Raw Score SEM	Max Scale Score	Min Scale Score	Scale Score Mean	Scale Score Standard Deviation	Scale Score SEM	Reliability
<b>English Language Arts</b>											
<b>Grade 3 ELA</b>	122,135	42	19.30	7.65	2.76	863	545	708.79	50.92	18.31	0.87
<b>Grade 4 ELA</b>	116,328	40	21.50	7.54	2.72	846	549	712.66	49.68	17.71	0.87
<b>Grade 5 ELA</b>	120,188	42	24.44	8.94	2.97	848	552	721.02	52.02	17.19	0.89
<b>Grade 6 ELA</b>	120,856	62	32.95	12.48	3.74	851	555	702.34	44.85	13.31	0.91
<b>Grade 7 ELA</b>	120,899	62	35.39	13.28	3.51	833	568	714.11	46.79	12.69	0.93
<b>Grade 8 ELA</b>	122,285	62	34.39	12.63	3.79	805	586	700.92	33.55	9.84	0.91
<b>High School ELA 2</b>	131,784	62	32.35	12.82	3.85	808	597	705.85	32.06	9.42	0.91
<b>Mathematics</b>											
<b>Grade 3 Math</b>	123,248	49	28.19	11.74	3.11	818	587	717.88	47.80	12.70	0.93
<b>Grade 4 Math</b>	115,550	49	27.02	13.21	3.24	835	605	728.11	54.08	13.43	0.94
<b>Grade 5 Math</b>	118,643	49	23.41	12.61	3.34	804	624	708.88	38.79	10.07	0.93
<b>Grade 6 Math</b>	119,349	54	26.03	13.12	3.21	790	616	702.86	37.20	9.23	0.94
<b>Grade 7 Math</b>	112,845	52	23.66	11.46	3.24	806	605	701.58	36.41	10.14	0.92
<b>Grade 8 Math</b>	102,671	52	23.20	11.60	3.28	774	633	700.84	25.74	7.09	0.92
<b>Algebra</b>	139,668	54	23.61	12.58	3.33	814	618	708.03	35.39	9.66	0.93
<b>Geometry</b>	115,164	54	19.53	12.58	3.56	810	604	697.06	38.46	10.80	0.92
<b>Integrated Math 1</b>	2,372	54	19.02	11.88	3.56	814	618	693.83	34.15	10.01	0.91
<b>Integrated Math 2</b>	2,248	54	19.52	12.76	3.38	813	594	693.16	41.75	11.38	0.93

Test	N-count	Max Raw Score	Raw Score Mean	Raw Score Standard Deviation	Raw Score SEM	Max Scale Score	Min Scale Score	Scale Score Mean	Scale Score Standard Deviation	Scale Score SEM	Reliability
<b>Sciences</b>											
<b>Grade 5 Science</b>	120,270	54	31.13	12.31	3.48	845	559	718.06	51.17	14.30	0.92
<b>Grade 8 Science</b>	121,947	56	26.66	11.44	3.24	868	575	718.53	48.03	13.79	0.92
<b>Biology</b>	125,171	54	25.18	10.84	3.43	823	617	712.24	31.32	9.71	0.90
<b>Social Studies</b>											
<b>American Government</b>	76,791	53	28.65	11.33	3.40	774	642	713.35	20.57	6.20	0.91
<b>American History</b>	118,588	53	28.21	11.46	3.44	800	619	716.23	27.42	8.35	0.91

Note: SEM is standard error of measurement. Min and Max Scale Score and Max Raw Score show the highest and lowest possible scores the students could achieve.

Note: Starting with the Spring 2022 administration, the Elaboration and Organization rubrics for the Grade 3-8 ELA and HS ELA 2 writing prompts are coded from 1-4 to 0-3 for student ability estimation purposes. The Conventions rubric is not coded because its lowest possible score is 0, and nonscorable responses receiving condition codes always earn no points. The data in Table 1 reflect raw scores before coding.

**Table 2 – Scale Score Cut Points for the Basic, Proficient, Accelerated, and Advanced Performance Levels**

Test	Basic	Proficient	Accomplished	Advanced
<b>English Language Arts</b>				
Grade 3 ELA	672	700	725	752
Grade 4 ELA	674	700	725	753
Grade 5 ELA	669	700	725	755
Grade 6 ELA	668	700	725	751
Grade 7 ELA	670	700	725	749
Grade 8 ELA	682	700	725	744
High School ELA 2	679	700	725	742
<b>Mathematics</b>				
Grade 3 Math	683	700	725	753
Grade 4 Math	686	700	725	759
Grade 5 Math	687	700	725	749
Grade 6 Math	682	700	725	744
Grade 7 Math	684	700	725	755
Grade 8 Math	690	700	725	744
Algebra	682	700	725	754
Geometry	678	700	725	756
Integrated Math 1	682	700	725	754
Integrated Math 2	677	700	725	758
<b>Science</b>				
Grade 5 Science	664	700	725	753
Grade 8 Science	674	700	725	766
Biology	685	700	725	735
<b>Social Studies</b>				
American Government	687	700	725	739
American History	684	700	725	738

**Table 3 – Percentage of Students at Each Performance Level**

Test	N-Count	Limited	Basic	Proficient	Accomplished	Advanced	At or Above Proficient
<b>English Language Arts</b>							
Grade 3 ELA	122,135	24	17	19	18	23	59
Grade 4 ELA	116,328	18	19	20	19	24	62
Grade 5 ELA	120,188	17	15	17	21	31	68
Grade 6 ELA	120,856	22	23	20	20	15	55
Grade 7 ELA	120,899	19	17	19	19	25	63
Grade 8 ELA	122,285	27	18	29	14	11	55
High School ELA 2	131,784	21	21	26	16	15	58
<b>Mathematics</b>							
Grade 3 Math	123,248	24	11	18	21	26	65
Grade 4 Math	115,550	23	8	16	23	31	70
Grade 5 Math	118,643	30	13	23	16	17	57
Grade 6 Math	119,349	29	19	22	14	16	52
Grade 7 Math	112,845	33	17	23	19	8	50
Grade 8 Math	102,671	39	13	30	12	6	48
Algebra	139,668	25	21	24	19	11	54
Geometry	115,164	36	19	19	17	8	45
Integrated Math 1	2,372	43	16	22	13	6	41
Integrated Math 2	2,248	41	20	14	15	9	39
<b>Science</b>							
Grade 5 Science	120,270	16	20	17	19	28	64
Grade 8 Science	121,947	18	19	19	26	18	63
Biology	125,171	20	16	29	10	25	64
<b>Social Studies</b>							
American Government	76,791	7	22	43	16	12	71
American History	118,588	12	18	32	16	22	70

## Subscale data

Table 4 – Raw Score Ranges for Below Proficient, At/Near Proficient and Above Proficient

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
Grade 3 ELA	RI	0-5	6-8	9-16
	RL	0-5	6-9	10-16
	W	0	1-2	3-8
Grade 4 ELA	RI	0-6	7-9	10-15
	RL	0-5	6-8	9-15
	W	0-1	2-3	4-8
Grade 5 ELA	RI	0-5	6-9	10-16
	RL	0-6	7-10	11-16
	W	0-1	2-3	4-8
Grade 6 ELA	RI	0-10	11-15	16-24
	RL	0-6	7-11	12-18
	W	0-5	6-8	9-16
Grade 7 ELA	RI	0-9	10-14	15-22
	RL	0-9	10-13	14-20
	W	0-2	3-6	7-16
Grade 8 ELA	RI	0-9	10-14	15-22
	RL	0-9	10-14	15-20
	W	0-5	6-8	9-16
High School ELA 2	RI	0-9	10-14	15-24
	RL	0-6	7-11	12-18
	W	0-4	5-7	8-16

Note: RL = Reading Literary Text; RI = Reading Informational Text; W = Writing. The ranges are based on the online test form.

Note: Starting with the Spring 2022 administration, the Elaboration and Organization rubrics for the Grade 3-8 ELA and HS ELA 2 writing prompts are coded from 1-4 to 0-3 for student ability estimation purposes. The Conventions rubric is not coded because its lowest possible score is 0, and nonscorable responses receiving condition codes always earn no points. The data in Table 4 reflect raw scores after coding.

Table 4 – Continued

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
Grade 3 Math	FRA	0-5	6-8	9-13
	G	0-4	5-7	8-12
	MUD	0-4	5-8	9-13
	MR	0-11	12-16	17-30
	NO	0-2	3-5	6-11
Grade 4 Math	FRA	0-5	6-8	9-17
	G	0-3	4-7	8-13
	MUD	0-4	5-8	9-19
	MR	0-8	9-13	14-33
Grade 5 Math	D	0-5	6-9	10-19
	FRA	0-4	5-8	9-18
	G	0-4	5-7	8-12
	MR	0-8	9-13	14-28
Grade 6 Math	EE	0-6	7-9	10-19
	GS	0-2	3-5	6-11
	MR	0-8	9-14	15-28
	NS	0-4	5-7	8-11
	RP	0-5	6-8	9-13
Grade 7 Math	G	0-3	4-6	7-13
	MR	0-7	8-12	13-24
	NS	0-4	5-8	9-15
	RP	0-4	5-7	8-12
	SP	0-4	5-7	8-12
Grade 8 Math	EE	0-4	5-7	8-14
	F	0-3	4-6	7-11
	G	0-4	5-8	9-15
	MR	0-8	9-13	14-29
	NS	0-3	4-6	7-12
Algebra	F	0-6	7-11	12-25
	MR	0-7	8-12	13-27
	NQEE	0-5	6-9	10-19
	S	0-2	3-5	6-10
Geometry	C	0-1	2-4	5-10
	CP	0-4	5-8	9-19
	MR	0-11	12-17	18-39
	P	0-2	3-5	6-10

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
	ST	0-3	4-7	8-15
Integrated Math 1	A	0-3	4-6	7-13
	G	0-2	3-5	6-13
	MR	0-7	8-12	13-30
	NQF	0-5	6-9	10-18
	S	0-2	3-5	6-10
Integrated Math 2	F	0-3	4-6	7-11
	G	0-5	6-9	10-19
	MR	0-10	11-15	16-31
	NQEE	0-3	4-7	8-14
	P	0-2	3-4	5-10

Note: MR = Modeling & Reasoning; MUD = Multiplication & Division; NO = Numbers & Operations; G = Geometry; FRA = Fractions; D = Decimals; EE = Expressions & Equations; NS = The Number System; GS = Geometry & Statistics; RP = Ratios & Proportions; SP = Statistics & Probability; F = Functions; NQEE = Number, Quantities, Equations & Expressions; S = Statistics; CP = Congruence & Proof; ST = Similarity & Trigonometry; C = Circles; P = Probability; A = Algebra; NQF = Number & Quantity/Functions. The ranges are based on the online test form.

**Table 4 – Continued**

<b>Test</b>	<b>Strand</b>	<b>Below Proficient</b>	<b>At/Near Proficient</b>	<b>Above Proficient</b>
<b>Grade 5 Science</b>	ES	0-6	7-10	11-16
	LS	0-7	8-11	12-19
	PS	0-7	8-11	12-19
<b>Grade 8 Science</b>	ES	0-6	7-10	11-23
	LS	0-4	5-8	9-17
	PS	0-4	5-8	9-16
<b>Biology</b>	Ce	0-3	4-6	7-13
	DI	0-4	5-8	9-14
	E	0-2	3-6	7-14
	H	0-3	4-6	7-13

Note: ES = Earth Science; LS = Life Science; PS = Physical Science; H = Heredity; E = Evolution; DI = Diversity & Interdependence of Life; Ce = Cells. The ranges are based on the online test form.

**Table 4 – Continued**

<b>Test</b>	<b>Strand</b>	<b>Below Proficient</b>	<b>At/Near Proficient</b>	<b>Above Proficient</b>
<b>American Government</b>	AGA	0-4	5-8	9-18
	AGB	0-6	7-11	12-22
	AGC	0-3	4-7	8-13
<b>American History</b>	AHA	0-3	4-6	7-12
	AHB	0-6	7-11	12-23
	AHC	0-4	5-9	10-18

Note: AGA = Historic Documents; AGB = Principles & Structure; AGC = Ohio/Policy/Economy; AHA = Skills & Documents; AHB = 1877-1945; AHC = 1945-Present. The ranges are based on the online test form.

**Table 5 - Percentage of Students Below Proficient, At/Near Proficient and Above Proficient**

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
<b>Grade 3 ELA</b>	RI	28	30	42
	RL	29	41	30
	W	23	38	40
<b>Grade 4 ELA</b>	RI	21	29	51
	RL	32	31	37
	W	27	18	56
<b>Grade 5 ELA</b>	RI	23	29	48
	RL	20	28	52
	W	24	16	60
<b>Grade 6 ELA</b>	RI	32	32	36
	RL	30	36	34
	W	35	28	38
<b>Grade 7 ELA</b>	RI	27	30	42
	RL	31	26	43
	W	25	18	57
<b>Grade 8 ELA</b>	RI	37	29	34
	RL	33	40	27
	W	29	28	43
<b>High School ELA 2</b>	RI	29	30	41
	RL	30	37	34
	W	32	14	55

Note: RL = Reading Literary Text; RI = Reading Informational Text; W = Writing

Table 5 - Continued

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
Grade 3 Math	FRA	25	28	47
	G	20	34	46
	MUD	25	26	49
	MR	28	21	52
	NO	22	26	52
Grade 4 Math	FRA	27	15	58
	G	17	26	57
	MUD	21	23	56
	MR	26	15	58
Grade 5 Math	D	32	21	47
	FRA	30	29	41
	G	31	29	39
	MR	34	21	45
Grade 6 Math	EE	39	17	44
	GS	22	41	37
	MR	35	26	38
	NS	37	32	32
	RP	39	25	36
Grade 7 Math	G	31	35	34
	MR	38	28	34
	NS	35	32	34
	RP	38	33	29
	SP	36	34	30
Grade 8 Math	EE	35	30	36
	F	27	42	30
	G	39	31	30
	MR	41	23	36
	NS	36	27	37
Algebra	F	36	21	42
	MR	33	28	39
	NQEE	33	31	37
	S	20	47	33
Geometry	CP	41	27	32
	C	35	33	32
	MR	49	18	34
	P	35	38	27
	ST	38	32	30
Integrated Math 1	A	50	24	26
	G	50	33	18

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
	MR	50	22	29
	NQF	45	22	33
	S	27	48	26
Integrated Math 2	F	46	33	21
	G	56	19	25
	MR	55	16	28
	NQEE	37	34	29
	P	45	23	32

Note: MR = Modeling & Reasoning; MUD = Multiplication & Division; NO = Numbers & Operations; G = Geometry; FRA = Fractions; D = Decimals; EE = Expressions & Equations; NS = The Number System; GS = Geometry & Statistics; RP = Ratios & Proportions; SP = Statistics & Probability; F = Functions; NQEE = Number, Quantities, Equations & Expressions; S = Statistics; CP = Congruence & Proof; ST = Similarity & Trigonometry; C = Circles; P = Probability; A = Algebra; NQF = Number & Quantity/Functions

**Table 5 - Continued**

Test	Strand	Below Proficient	At/Near Proficient	Above Proficient
<b>Grade 5 Science</b>	ES	27	27	46
	LS	27	24	48
	PS	27	28	45
<b>Grade 8 Science</b>	ES	21	29	50
	LS	23	34	43
	PS	22	32	47
<b>Biology</b>	Ce	23	40	37
	DI	26	39	36
	E	14	40	46
	H	22	35	43

Note: ES = Earth Science; LS = Life Science; PS = Physical Science; H = Heredity; E = Evolution; DI = Diversity and Interdependence of Life; Ce = Cells.

**Table 5 - Continued**

<b>Test</b>	<b>Strand</b>	<b>Below Proficient</b>	<b>At/Near Proficient</b>	<b>Above Proficient</b>
<b>American Government</b>	AGA	15	29	57
	AGB	17	32	51
	AGC	10	45	45
<b>American History</b>	AHA	15	36	50
	AHB	20	27	53
	AHC	14	35	51

Note: AGA = Historic Documents; AGB = Principles & Structure; AGC = Ohio/Policy/Economy; AHA = Skills & Documents; AHB = 1877-1945; AHC = 1945-Present