

**OHIO ACHIEVEMENT ASSESSMENTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MAY 2010**

Grade 4 Reading									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
04	AV	A	00	93*	00	06	01	93	
06	AV	E	00	04	04	88*	04	88	
11	AV	C	00	33	56*	05	05	56	
40	AV	C	01	53*	12	24	10	53	
13	IT	C	00	66*	11	13	10	66	
02	LT	D	00	32	02	65*	01	65	
08	LT	E	00	11	80*	04	05	80	
42	LT	G	01	27	11	53*	08	53	
01	RP	B	00	01	10	16	73*	73	
03	RP	C	00	19	01	73*	06	73	
07	RP	B	00	02	01	94*	03	94	
09	RP	C	00	18	64*	05	13	64	
12	RP	D	00	04	07	09	80*	80	
14	RP	C	01	03	76*	08	12	76	
15	RP	C	01	14	11	13	62*	62	
38	RP	C	01	06	04	84*	05	84	
41	RP	C	01	60*	07	07	24	60	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
05	LT	C	01	24	44	31	1.06		
39	LT	G	03	42	28	27	0.83		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
10	IT	F	00	13	18	26	26	17	2.16
Total Students Tested					131042				

Legend

- \* Correct answer for multiple choice item
- \*\* Percentage of students who did not respond

Reading Standards

- AV Acquisition of Vocabulary
- IT Reading Applications: Informational Text
- LT Reading Applications: Literary Text
- RP Reading Process

Only released items are included.

The state percent correct reflects the percentage of students selecting the correct response for multiple choice items.

The state mean reflects the average scores of students for short and extended response items.

For benchmark definitions, visit the ODE web site <http://www.ode.state.oh.us> and enter "benchmark definitions" into the search box.

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<b>Grade 4 Mathematics</b>											
Multiple Choice Items			Percent Responding					Percent Correct			
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)				
03	DA	B	00	02	01	93*	03	93			
37	DA	A	00	08	03	84*	05	84			
38	GS	D	00	08	06	05	81*	81			
43	GS	G	00	75*	07	10	08	75			
12	ME	A	01	55	04	17	23*	23			
32	ME	A	00	39*	07	27	27	39			
40	ME	C	00	16	07	64*	12	64			
01	NS	A	00	01	92*	02	04	92			
06	NS	E	00	16	72*	07	05	72			
16	NS	M	00	02	05	04	89*	89			
41	NS	L	01	11	06	80*	02	80			
02	PA	B	00	10	02	07	80*	80			
08	PA	A	00	03	00	96*	00	96			
13	PA	G	00	75*	09	06	09	75			
18	PA	C	00	68*	18	06	07	68			
34	PA	E	00	28	16	38*	18	38			
Short Answer Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)					
05	ME	B	01	26	24	50		1.24			
44	ME	D	01	45	16	38		0.92			
39	PA	F	01	39	23	37		0.97			
Extended Response Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)			
35	NS	D	01	32	18	17	16	16	1.63		
Total Students Tested			130989								

Legend

- \* Correct answer for multiple choice item
- \*\* Percentage of students who did not respond

Mathematics Standards

- DA Data Analysis and Probability
- GS Geometry and Spatial Sense
- ME Measurement
- NS Number, Number Sense and Operations
- PA Patterns, Functions and Algebra

Only released items are included.

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The state mean reflects the average scores of students for short and extended response items.

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