



**OHIO ACHIEVEMENT TEST
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2009**

Grade 8 Reading									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
05	AV	A	00	95*	02	01	01	95	
06	AV	C	00	08	04	10	77*	77	
31	AV	F	00	12	16	69*	02	69	
36	AV	F	00	15	17	58*	09	58	
32	IT	D	00	30	14	45*	10	45	
33	IT	D	00	51*	24	08	17	51	
38	IT	B	01	18	16	15	51*	51	
01	LT	B	00	50*	12	22	16	50	
02	LT	C	00	50*	33	10	06	50	
04	LT	B	00	11	15	71*	03	71	
07	RP	A	00	40	47*	07	05	47	
08	RP	B	00	76*	08	06	11	76	
34	RP	B	01	71*	11	12	06	71	
37	RP	B	01	71*	05	12	11	71	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)		State	
35	IT	A	02	40	24	33		0.91	
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
03	LT	A	01	07	11	18	29	34	2.71
Total Students Tested					133970				

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 reflect 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.

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**OHIO ACHIEVEMENT TEST
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MAY 2009**

Grade 8 Mathematics									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
07	DA	K	00	08	55*	14	24	55	
25	DA	J	00	01	38*	53	08	38	
30	DA	E	00	06	75*	16	03	75	
33	DA	H	00	13	11	13	63*	63	
05	GS	B	00	38	50*	09	03	50	
28	GS	F	00	14	59*	20	07	59	
29	ME	D	00	16	10	16	57*	57	
40	ME	A	00	58*	11	24	07	58	
01	NS	I	00	15	21	59*	05	59	
10	NS	B	00	14	05	64*	17	64	
27	NS	A	00	23	61*	07	09	61	
32	NS	G	00	07	04	10	80*	80	
04	PA	F	00	15	16	29	39*	39	
08	PA	G	00	10	62*	17	11	62	
12	PA	H	00	16	15	16	53*	53	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
36	GS	E	02	41	36	20	0.77		
06	NS	C	02	30	11	57	1.24		
26	PA	E	03	41	31	25	0.80		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
16	ME	F	02	58	10	05	13	10	1.01
Total Students Tested			133671						

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

Legend

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

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**OHIO ACHIEVEMENT TEST
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Grade 8 Science										
Multiple Choice Items			Percent Responding					Percent Correct		
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
08	ES	B	00	02	76*	06	16	76		
32	ES	E	00	09	65*	08	18	65		
33	ES	E	00	40*	16	28	16	40		
01	LS	C	00	87*	04	05	05	87		
23	LS	D	00	55*	07	11	27	55		
34	LS	A	00	15	20	21	44*	44		
03	PS	B	00	01	16	76*	07	76		
15	PS	C	00	05	20	04	71*	71		
26	PS	D	00	10	52*	16	22	52		
29	PS	A	00	25	47*	13	15	47		
36	PS	C	00	12	09	76*	03	76		
02	SI	B	00	03	04	88*	05	88		
07	SI	A	00	03	05	80*	12	80		
09	SI	A	00	11	72*	08	09	72		
10	SI	B	00	08	44	39*	09	39		
05	ST	A	00	04	12	02	82*	82		
Short Answer Items			Percent at Each Score Point					Mean Score		
Item	Standard	Benchmark	**	(0)	(1)	(2)	State			
06	LS	B	01	38	34	27	0.87			
27	SI	A	01	06	20	73	1.65			
Extended Response Items			Percent at Each Score Point					Mean Score		
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
11	PS	B	01	19	15	26	20	19	2.02	
Total Students Tested			133944							

Legend

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

Science Standards

- ES Earth and Space Sciences
- LS Life Sciences
- PS Physical Sciences
- SI Scientific Inquiry
- SK Scientific Ways of Knowing
- ST Science and Technology

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**OHIO ACHIEVEMENT TEST
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Grade 8 Social Studies											
Multiple Choice Items			Percent Responding					Percent Correct			
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State			
02	CI	A	00	05	05	07	83*	83			
03	EC	C	00	14	21	18	48*	48			
42	EC	B	01	16	17	53*	13	53			
23	GE	B	00	09	06	22	63*	63			
07	GO	B	00	18	07	10	66*	66			
37	GO	B	00	15	17	15	53*	53			
09	HI	C	00	18	73*	03	06	73			
25	HI	D	00	09	66*	19	06	66			
39	HI	B	01	08	16	19	57*	57			
43	HI	E	01	65*	16	09	10	65			
05	PE	B	00	07	51*	25	16	51			
12	PE	C	00	66*	26	06	02	66			
33	PE	A	00	18	30	40*	12	40			
Short Answer Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)	State				
06	HI	F	02	51	27	19	0.66				
26	SO	A	02	35	32	30	0.92				
Extended Response Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State		
11	GO	A	06	62	20	09	02	02	0.50		
Total Students Tested			133795								

Social Studies Standards

- CI Citizenship Rights and Responsibilities
- EC Economics
- GE Geography
- GO Government
- HI History
- PE People in Societies
- SO Social Studies Skills and Methods

Legend

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

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