



**OHIO ACHIEVEMENT TEST
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2008**

Grade 8 Reading									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
19	AV	C	00	07	06	85*	03	85	
21	AV	A	00	02	03	93*	02	93	
32	AV	C	00	81*	06	08	05	81	
39	AV	C	01	04	84*	04	07	84	
31	IT	D	00	08	10	07	74*	74	
34	IT	A	01	17	18	53*	10	53	
36	IT	B	01	23	62*	09	05	62	
37	IT	D	01	10	75*	08	07	75	
42	IT	A	01	57*	09	23	09	57	
43	IT	A	01	09	70*	08	13	70	
44	IT	A	01	15	15	13	56*	56	
16	LT	B	00	18	63*	17	02	63	
18	LT	F	00	05	16	72*	08	72	
20	LT	B	00	11	69*	11	09	69	
22	LT	F	00	12	17	59*	11	59	
24	RP	B	00	14	58*	24	05	58	
33	RP	B	01	11	06	23	59*	59	
38	RP	B	01	62*	11	12	14	62	
40	RP	B	01	18	07	48*	27	48	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
23	RP	B	01	37	39	23	0.84		
35	RP	A	02	34	45	19	0.83		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
41	IT	D	05	22	22	22	16	13	1.64
17	LT	E	03	52	11	10	11	14	1.18
Total Students Tested				135718					

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.



**OHIO ACHIEVEMENT TEST
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Grade 8 Mathematics											
Multiple Choice Items			Percent Responding					Percent Correct			
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State			
10	AL	B	00	09	24	15	51*	51			
27	AL	C	00	20	64*	09	07	64			
34	AL	H	00	14	22	22	43*	43			
42	AL	G	00	43*	24	20	13	43			
44	AL	I	00	37	12	12	38*	38			
20	DA	K	00	06	13	47*	34	47			
25	DA	D	00	20	65*	08	06	65			
38	DA	H	00	05	14	70*	10	70			
05	GE	C	00	74*	09	07	11	74			
09	GE	A	00	01	08	65*	25	65			
19	GE	B	00	21	36*	28	15	36			
02	ME	B	00	74*	14	10	02	74			
24	ME	D	00	20	21	42*	17	42			
01	OP	E	00	34	12	43*	10	43			
07	OP	G	00	19	18	21	42*	42			
22	OP	F	00	14	74*	08	04	74			
41	OP	H	00	10	27	53*	11	53			
Short Answer Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)		State			
06	DA	F	01	18	46	34		1.15			
11	ME	B	04	62	13	21		0.55			
31	OP	B	05	55	35	05		0.46			
Total Students Tested			135630								

Legend

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

Mathematics Standards

- DA Data Analysis and Probability
- GE Geometry and Spatial Sense
- ME Measurement
- OP Number, Number Sense and Operations
- AL Patterns, Functions and Algebra

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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			
15	ES	B	00	10	66*	02	21	66			
18	ES	C	00	09	24	32	35*	35			
22	ES	A	00	12	24	09	55*	55			
29	ES	A	00	28	56*	12	04	56			
36	ES	E	00	20	06	07	68*	68			
37	ES	E	00	21	54*	14	10	54			
01	LS	B	00	07	02	89*	03	89			
13	LS	C	00	46*	29	06	19	46			
17	LS	D	00	06	04	04	85*	85			
33	LS	A	00	16	08	15	62*	62			
14	PS	C	00	11	67*	14	08	67			
19	PS	D	00	10	26	46*	17	46			
31	PS	D	00	21	14	23	41*	41			
30	SI	B	00	10	54*	17	19	54			
35	ST	A	00	10	73*	07	10	73			
Short Answer Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)	State				
32	PS	A	05	81	10	05	0.19				
38	SK	A	03	40	27	29	0.86				
Extended Response Items			Percent at Each Score Point					Mean Score			
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State		
16	SI	A	04	13	17	23	19	24	2.16		
Total Students Tested			135592								

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		
17	CI	B	02	73*	06	11	08	73		
20	EC	B	00	06	08	10	75*	75		
36	EC	A	00	07	12	11	70*	70		
12	GE	C	00	04	03	17	75*	75		
39	GE	D	00	09	09	16	66*	66		
41	GO	C	00	12	73*	09	06	73		
43	GO	A	00	07	40	29*	24	29		
02	HI	D	00	08	68*	10	14	68		
05	HI	G	00	15	07	23	55*	55		
30	PE	B	00	06	13	63*	17	63		
42	PE	C	00	33*	24	31	12	33		
10	SO	B	00	14	63*	18	06	63		
35	SO	D	00	03	73*	06	18	73		
Short Answer Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State			
06	HI	E	04	51	24	21	0.67			
38	SO	C	03	38	28	31	0.90			
Extended Response Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
11	PE	A	07	38	17	21	08	09	1.20	
Total Students Tested			135449							

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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