

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

<b>Grade 8 Reading</b>									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
31	AV	E	00	57*	24	14	05	57	
33	AV	C	00	08	68*	19	05	68	
41	AV	E	01	07	83*	04	05	83	
44	AV	B	01	53*	25	09	12	53	
01	IT	B	00	18	06	05	70*	70	
03	IT	A	00	17	50*	02	31	50	
06	IT	A	00	04	07	10	78*	78	
30	IT	A	00	08	03	05	85*	85	
34	IT	B	00	12	07	14	66*	66	
37	IT	D	00	07	13	63*	17	63	
38	IT	D	00	05	80*	06	08	80	
39	IT	D	01	05	66*	08	20	66	
43	IT	B	01	46*	10	15	29	46	
02	RP	B	00	11	06	06	77*	77	
04	RP	B	00	03	78*	14	04	78	
32	RP	B	00	60*	11	12	17	60	
40	RP	A	01	14	17	36*	33	36	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
05	IT	B	01	07	25	66	1.58		
35	IT	A	02	29	27	42	1.11		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
42	RP	A	03	13	18	30	28	08	1.94
Total Students Tested					131214				

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 8 Mathematics</b>										
Multiple Choice Items			Percent Responding						Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
03	DA	J	00	72*	22	03	04	72		
17	DA	H	00	22	40*	27	11	40		
32	DA	A	00	10	33	05	53*	53		
43	DA	D	00	70*	11	11	08	70		
33	GS	D	00	13	76*	06	05	76		
40	GS	D	00	40*	26	27	07	40		
42	GS	F	00	11	08	72*	08	72		
05	ME	B	00	15	38*	38	09	38		
44	ME	B	00	25	18	20	36*	36		
14	NS	A	00	09	72*	15	04	72		
35	NS	G	00	05	26	25	44*	44		
41	NS	I	00	57*	11	10	22	57		
02	PA	J	00	07	07	32	53*	53		
10	PA	B	00	13	13	65*	08	65		
Short Answer Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State			
11	DA	C	01	41	25	33	0.91			
31	ME	A	02	44	52	02	0.56			
06	PA	F	02	60	23	15	0.53			
36	PA	C	04	55	10	32	0.74			
Total Students Tested			130786							

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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<b>Grade 8 Science</b>									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
18	ES	C	00	78*	05	08	08	78	
25	ES	B	00	60*	09	16	15	60	
37	ES	A	00	15	46*	25	13	46	
39	ES	E	00	06	08	79*	07	79	
40	ES	E	00	11	66*	10	12	66	
08	LS	C	00	07	74*	12	07	74	
24	LS	A	00	13	45*	16	25	45	
29	LS	C	00	82*	06	06	06	82	
35	LS	A	00	55*	12	22	11	55	
22	PS	C	00	10	73*	11	06	73	
33	PS	B	00	08	06	32*	54	32	
42	PS	A	00	61*	16	15	07	61	
43	PS	A	00	13	23	16	48*	48	
44	PS	A	00	14	18	30	38*	38	
15	SI	A	00	30	11	53*	07	53	
17	SI	B	00	09	17	08	66*	66	
34	SI	B	00	20	31*	13	36	31	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
38	LS	C	02	41	36	22	0.79		
16	SI	B	01	45	41	13	0.66		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
27	ST	A	02	31	29	24	11	03	1.22
<b>Total Students Tested</b>					131165				

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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