

**OHIO ACHIEVEMENT ASSESSMENTS
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2011**

Grade 8 Reading										
Multiple Choice Items			Percent Responding						Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
05	AV	A	00	15	76*	08	01	76		
09	AV	C	00	07	12	75*	06	75		
11	AV	A	00	06	05	10	79*	79		
15	AV	C	00	02	05	02	90*	90		
02	LT	A	00	21	06	61*	12	61		
04	LT	A	00	04	84*	04	07	84		
07	LT	B	00	14	03	68*	15	68		
08	LT	G	00	04	08	15	73*	73		
10	LT	A	00	46*	06	15	32	46		
14	LT	C	00	12	06	23	58*	58		
16	LT	A	00	14	06	74*	06	74		
18	LT	B	00	16	09	54*	21	54		
01	RP	A	00	02	92*	04	02	92		
06	RP	B	00	77*	08	11	04	77		
13	RP	A	00	06	74*	05	14	74		
Short Answer Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)			State	
17	RP	A	01	12	34	53			1.40	
Extended Response Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
12	LT	F	01	20	02	04	43	29	2.58	
03	RP	B	00	09	08	29	17	37	2.66	
Total Students Tested			130092							

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 ASSESSMENTS
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Grade 8 Mathematics										
Multiple Choice Items			Percent Responding						Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
02	DA	F	00	18	61*	17	04	61		
04	DA	D	00	12	50*	23	15	50		
18	DA	B	00	84*	04	09	02	84		
39	DA	A	00	05	06	82*	07	82		
43	DA	B	00	11	49*	13	27	49		
44	GS	D	00	15	15	59*	11	59		
20	ME	D	00	04	22	68*	05	68		
25	NS	H	00	05	06	84*	04	84		
38	NS	A	00	03	08	79*	09	79		
03	PA	F	00	56*	31	07	06	56		
32	PA	D	00	04	09	80*	07	80		
Short Answer Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)			State	
36	DA	A	05	46	39	10			0.58	
06	ME	E	02	76	20	02			0.23	
11	NS	I	01	32	17	50			1.17	
31	NS	G	02	40	20	39			0.97	
Extended Response Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
21	PA	C	02	46	24	07	09	11	1.09	
Total Students Tested			129465							

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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Grade 8 Science									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
02	ES	D	00	13	66*	15	06	66	
11	ES	C	00	08	08	73*	11	73	
12	ES	C	00	08	68*	08	16	68	
13	ES	C	00	11	14	17	59*	59	
04	LS	B	00	14	13	63*	10	63	
17	LS	A	00	06	06	83*	04	83	
32	LS	A	00	05	79*	07	09	79	
39	LS	A	00	12	16	14	58*	58	
03	PS	A	00	02	02	29	66*	66	
10	PS	A	00	16	13	24	47*	47	
35	PS	A	00	07	64*	21	07	64	
37	PS	C	00	13	17	16	53*	53	
41	PS	D	00	49*	08	17	25	49	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
06	LS	C	02	31	25	43	1.11		
33	SK	C	01	50	39	10	0.58		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
21	ES	A	02	46	15	16	14	07	1.18
Total Students Tested			129975						

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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