



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

Grade 5 Reading									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
04	AV	A	00	03	01	11	85*	85	
05	AV	B	00	04	80*	09	06	80	
33	AV	C	01	06	12	78*	04	78	
37	AV	F	02	13	12	10	63*	63	
42	AV	E	02	11	05	09	72*	72	
34	IT	B	01	04	08	75*	12	75	
38	IT	D	02	05	80*	07	06	80	
39	IT	F	02	08	69*	14	07	69	
43	IT	D	02	09	66*	06	16	66	
01	LT	D	00	04	88*	04	04	88	
02	LT	A	00	82*	03	09	06	82	
06	LT	A	00	04	10	01	84*	84	
08	RP	C	00	02	06	89*	03	89	
09	RP	B	00	02	90*	02	05	90	
32	RP	B	01	09	76*	07	08	76	
35	RP	C	02	11	16	64*	08	64	
40	RP	B	02	59*	13	11	14	59	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State		
41	IT	A	04	52	31	14	0.58		
07	RP	B	01	08	51	40	1.31		
36	RP	B	02	21	48	29	1.06		
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
03	LT	B	01	16	12	34	15	22	2.14
Total Students Tested					129581				

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.

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
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2009**

Grade 5 Mathematics										
Multiple Choice Items			Percent Responding						Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
13	DA	J	00	70*	15	08	07	70		
46	DA	J	01	20	46*	22	12	46		
02	GS	F	00	07	85*	04	04	85		
07	GS	C	00	02	76*	20	01	76		
11	GS	J	00	10	16	07	67*	67		
16	GS	I	00	59*	10	16	14	59		
30	ME	G	00	23	18	52*	07	52		
45	ME	B	01	42*	21	27	10	42		
06	NS	B	00	04	08	72*	16	72		
09	NS	E	00	03	04	14	79*	79		
37	NS	I	00	14	40*	35	11	40		
40	NS	I	00	27	29	37*	07	37		
44	NS	F	00	32	17	12	38*	38		
14	PA	B	00	06	04	16	74*	74		
36	PA	F	00	14	54*	20	11	54		
Short Answer Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	State			
29	NS	H	01	19	16	64	1.44			
25	PA	L	01	44	31	24	0.79			
42	PA	C	01	23	47	29	1.05			
Extended Response Items			Percent at Each Score Point						Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
33	DA	I	01	31	23	24	08	12	1.44	
Total Students Tested			129380							

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.

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.

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
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2009**

Grade 5 Science									
Multiple Choice Items			Percent Responding					Percent Correct	
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State	
02	ES	B	00	10	03	02	85*	85	
12	ES	A	00	81*	09	06	04	81	
34	ES	B	00	09	06	33	53*	53	
03	LS	C	00	13	76*	05	06	76	
09	LS	C	00	05	70*	20	05	70	
11	LS	B	00	19	11	66*	03	66	
33	LS	B	00	29	05	60*	06	60	
42	LS	B	00	07	66*	20	06	66	
01	PS	D	00	02	03	88*	06	88	
19	PS	C	00	07	18	13	63*	63	
32	PS	E	00	65*	16	07	12	65	
35	PS	D	00	13	11	52*	25	52	
40	PS	A	00	52*	05	05	38	52	
44	PS	F	00	25	24	35*	16	35	
39	SI	A	00	13	05	19	62*	62	
04	SK	D	00	75*	08	08	08	75	
Short Answer Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)		State	
20	ES	C	01	26	46	27		0.99	
06	SI	C	00	31	31	37		1.05	
Extended Response Items			Percent at Each Score Point					Mean Score	
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State
10	ST	B	01	27	17	31	04	19	1.69
Total Students Tested			129680						

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

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.

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
ITEM ANALYSIS
STATE PUBLIC SCHOOLS
MAY 2009**

Grade 5 Social Studies										
Multiple Choice Items			Percent Responding					Percent Correct		
Item	Standard	Benchmark	**	(A)	(B)	(C)	(D)	State		
34	CI	B	00	15	20	19	46*	46		
07	EC	A	00	13	38*	14	35	38		
28	EC	B	00	56*	08	21	14	56		
38	EC	C	01	15	53*	23	09	53		
23	GE	B	00	35*	36	14	16	35		
27	GE	B	00	28	13	18	41*	41		
29	GE	A	00	46*	12	21	21	46		
25	GO	A	00	08	56*	19	17	56		
42	GO	B	00	11	15	18	56*	56		
01	HI	A	00	92*	05	02	01	92		
37	PE	B	00	15	52*	21	11	52		
10	SO	B	00	10	07	70*	13	70		
36	SO	A	00	05	15	04	75*	75		
Short Answer Items			Percent at Each Score Point					Mean Score		
Item	Standard	Benchmark	**	(0)	(1)	(2)	State			
39	CI	B	01	39	34	25	0.84			
21	HI	B	02	48	42	07	0.57			
Extended Response Items			Percent at Each Score Point					Mean Score		
Item	Standard	Benchmark	**	(0)	(1)	(2)	(3)	(4)	State	
32	PE	B	01	08	09	14	29	39	2.80	
Total Students Tested			129642							

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

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.

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