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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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						

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

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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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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					

Legend

* Correct answer for multiple choice item

** Percentage of students who did not respond

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

Only released items are included.

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