Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 7 Math

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
1	Number Sense	0	84 (*)	3	7	5	84
2	Geometry and Spatial Sense	0	18	5	73 (*)	4	73
3	Data Analysis and Probability	0	7	38	20	35 (*)	35
8	Patterns, Functions and Algebra	0	36 (*)	37	20	6	36
9	Geometry and Spatial Sense	0	1	3	63	32 (*)	32
10	Number Sense	0	4	4	48	44 (*)	44
12	Geometry and Spatial Sense	0	72 (*)	11	9	8	72
17	Patterns, Functions and Algebra	0	35	28 (*)	29	8	28
19	Data Analysis and Probability	0	52 (*)	15	22	11	52
20	Number Sense	0	4	29 (*)	9	59	29
28	Measurement	0	48 (*)	11	14	26	48
30	Measurement	0	10	6	78 (*)	6	78
34	Data Analysis and Probability	0	39	38 (*)	18	5	38
40	Number Sense	0	6	5	19	69 (*)	69
42	Data Analysis and Probability	0	38	24 (*)	17	20	24
43	Measurement	0	41	32 (*)	20	7	32

Short Answer

Item	Standard	Percent at each score point				Mean Score
		**	0	1	2	State
6	Geometry and Spatial Sense	0	72	19	9	0.37
31	Measurement	1	66	28	5	0.38

Extended Response

Item	Standard	Percent at each score point						Mean Score
		**	0	1	2	3	4	State
11	Patterns, Functions and Algebra	0	25	12	22	31	10	1.89

According to Ohio Revised Code (ORC) 3301.07.11:N4(b).....not less than forty percent of the questions on the test that are used to compute a student's score shall be public record. The Ohio Department of Education shall determine which questions will be needed for reuse on a future test and those questions shall not be public records and shall be redacted from the test prior to its release as a public record.

You can use this chart to view the released questions in each content standard. The report represents your state's performance on all the questions. Individual test questions give an incomplete picture of student performance so it is better to focus on the performance data for each standard.

To view actual test questions, please visit the ODE Web site "http://www.success.ode.state.oh.us/" or refer to Ohio Department of Education publications.

Notes:

1. The state % reflect the percent of students selecting the correct response for multiple choice items.
2. The state mean reflects the average scores of students for short and extended response items.
3. * means a correct answer
4. ** means that percentage of students who did not respond or marked more than one response.
5. From one year to the next, the difficulty of the questions may change.
6. This report comes from multiple sets of data. Find other sources of data or other reports that may be more appropriate for monitoring the performance of your students.

Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 7 Reading

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
9	Reading Process	0	10	14	70 (*)	6	70
10	Acquisition of Vocabulary	0	10	11	12	68 (*)	68
11	Literary Text	0	7	18	33	42 (*)	42
13	Literary Text	0	5	12	3	79 (*)	79
24	Reading Process	0	11	15	66 (*)	7	66
25	Informational Text	0	12	5	69 (*)	13	69
26	Informational Text	0	4	5	11	79 (*)	79
34	Reading Process	1	14	9	73 (*)	4	73
36	Literary Text	1	68 (*)	11	14	6	68
37	Acquisition of Vocabulary	1	66 (*)	17	11	5	66
38	Literary Text	1	55 (*)	15	10	18	55
40	Reading Process	1	10	19	57 (*)	13	57
41	Literary Text	1	58 (*)	11	21	9	58
42	Literary Text	1	42 (*)	13	28	16	42

Short Answer

Item	Standard	Percent at each score point				Mean Score
		**	0	1	2	State
12	Literary Text	0	85	6	9	0.24
27	Acquisition of Vocabulary	0	25	36	39	1.14
39	Reading Process	1	13	34	52	1.38

Extended Answer

Item	Standard	Percent at each score point						Mean Score
		**	0	1	2	3	4	State
35	Literary Text	0	36	21	25	5	13	1.38

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Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 7 Writing

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
3	Writing Conventions	0	15	71 (*)	10	4	71
4	Writing Process	0	22	13	32	34 (*)	34
5	Writing Process	0	13	22	54 (*)	11	54
6	Writing Conventions	0	13	4	5	78 (*)	78
7	Writing Process	0	2	3	28	67 (*)	67
8	Writing Process	0	6	21	11	62 (*)	62
9	Writing Process	0	12	15	64 (*)	9	64
10	Writing Process	0	11	75 (*)	6	8	75
11	Writing Process	0	9	75 (*)	12	3	75
12	Writing Conventions	0	26	43 (*)	26	5	43
13	Writing Process	0	12	4	73 (*)	11	73
14	Writing Process	0	9	49 (*)	37	6	49
15	Writing Conventions	0	58 (*)	8	17	17	58
16	Writing Process	0	7	11	77 (*)	5	77
17	Writing Conventions	0	78 (*)	5	12	5	78

Constructed Response

Item	Standard	Percent at each score point					Mean Score
		**	0	1	2	3	State
2	WC	0	1	8	47	44	2.34
19	WC	1	1	7	38	53	2.42

Constructed Response

Item	Standard	Percent at each score point												Mean Score
		**	0	1	2	3	4	5	6	7	8	9	10	State
1	WA	0	1	0	3	0	29	0	48	0	15	0	4	5.7
18	WA	0	1	0	3	0	22	0	42	0	25	0	7	6.16

According to Ohio Revised Code (ORC) 3301.07.11:N4(b).....not less than forty percent of the questions on the test that are used to compute a student's score shall be public record. The Ohio Department of Education shall determine which questions will be needed for reuse on a future test and those questions shall not be public records and shall be redacted from the test prior to its release as a public record.

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