

# HIGHLIGHTS

## OHIO GRADUATION TEST PRELIMINARY RESULTS

### MARCH 2005 TEST ADMINISTRATION

#### INTRODUCTION

The Ohio Graduation Tests (OGT) supersede the Ninth-Grade Proficiency Tests as a high school graduation requirement for the class of 2007 and beyond. The tests were developed in compliance with the requirements of Ohio Senate Bill 1, Ohio House Bill 3, and the *Federal No Child Left Behind Act*.

The tests were administered during the two weeks beginning Monday, March 14, 2005, to 10<sup>th</sup> graders in Ohio public schools, community schools and chartered non-public schools. This was the first administration of the writing, science and social studies tests; the reading and mathematics tests were administered for the first time in March 2004.

A provision of Ohio House Bill 493, signed into law by Ohio Governor Bob Taft in February 2005, allows students who are required to achieve proficient scores on the Ninth-Grade Proficiency Tests in order to graduate to meet testing requirements by achieving a proficient score on the OGT in the same subject. For this reason, some students in grades 11 and 12, as well as some students whose classes have already graduated, attempted the OGT.

The performance standards for the OGT are based on the recommendations of Ohio educators, parents and community members. The standards for the writing, science and social studies tests were set after the March 2005 administration; the standards for the reading and mathematics tests were set after the March 2004 administration. Standards for future forms of the tests will be maintained through a statistical process called equating. In addition to meeting the rigor of the local district curriculum, students must demonstrate performance at the proficient level or above in all five subject areas to meet graduation requirements.

**The highlights were based on the preliminary results of the March 2005 test administration. Schools and districts have not verified those results. The final figures may be different due to appeals, late scoring and other changes.**

#### TOTAL STUDENTS TESTED

Table 1 shows the total number of grade 10 students that took the OGT in March 2005 by subject and school classification. Community schools are included among the public figures.

Table 1 – Total number of 10<sup>th</sup> grade students tested

	Reading	Mathematics	Writing	Science	Social Studies	All five tests
Public	134,697	134,798	133,935	134,002	133,519	131,562
Nonpublic	13,817	13,812	13,812	13,784	13,783	13,721
Total	148,514	148,610	147,747	147,786	147,302	145,283

## PRELIMINARY TEST RESULTS FOR PUBLIC SCHOOLS

Table 2 presents a summary of 10<sup>th</sup> -grade student performance on the March 2005 OGT. Students with Individualized Education Plans (IEP) and/or Limited English Proficiency (LEP) are included in the figures. Nearly 64 percent (83,730 of 131,562; 63.6 percent) of public 10<sup>th</sup> graders who attempted all five tests achieved a result of proficient or above on all five tests. Community school data are included in the public school totals.

Table 2 - Results of the March 2005 OGT administration for public schools

Reading				
Performance Level		Number	Percent	
Proficient or above:	Advanced	36,469	27.1	90.7
	Accelerated	46,790	34.7	
	Proficient	38,886	28.9	
Below proficient:	Basic	7,643	5.7	9.3
	Limited	4,909	3.6	

Mathematics				
Performance Level		Number	Percent	
Proficient or above:	Advanced	35,329	26.2	79.6
	Accelerated	33,434	24.8	
	Proficient	38,494	28.6	
Below proficient:	Basic	15,844	11.8	20.4
	Limited	11,697	8.7	

Writing				
Performance Level		Number	Percent	
Proficient or above:	Advanced	7,405	5.5	82.1
	Accelerated	56,254	42.0	
	Proficient	46,276	34.6	
Below proficient:	Basic	16,403	12.2	17.9
	Limited	7,597	5.7	

Science				
Performance Level		Number	Percent	
Proficient or above:	Advanced	22,115	16.5	70.9
	Accelerated	30,000	22.4	
	Proficient	42,844	32.0	
Below proficient:	Basic	25,211	18.8	29.1
	Limited	13,832	10.3	

Table 2 (public schools, continued)

Social Studies			
Performance Level		Number	Percent
Proficient or above:	Advanced	29,924	22.4
	Accelerated	28,544	21.4
	Proficient	44,946	33.7
Below proficient:	Basic	16,297	12.2
	Limited	13,808	10.3

Note: Percents may not add up to 100 percent due to rounding.

### RESULTS DISAGGREGATED BY GENDER AND MAJOR ETHNICITY FOR PUBLIC SCHOOLS

Table 3 summarizes results for each gender and ethnic group.

Table 3 – Results disaggregated by gender and ethnicity for public schools

Reading			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	134,697	122,145	90.7
Male	67,963	59,865	88.1
Female	66,107	61,804	93.5
American Indian	222	187	84.2
Asian/Pacific Isl.	1,671	1,557	93.2
African American	18,356	14,407	78.5
Hispanic	2,424	1,933	79.7
White	107,813	100,548	93.3
Multi-Racial	1,860	1,625	87.4
Other	2,351	1,888	80.3

Mathematics			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	134,798	107,257	79.6
Male	67,959	53,958	79.4
Female	66,201	52,952	80.0
American Indian	222	140	63.1
Asian/Pacific Isl.	1,673	1,506	90.0
African American	18,502	9,802	53.0
Hispanic	2,436	1,549	63.6
White	107,748	91,481	84.9
Multi-Racial	1,847	1,351	73.1
Other	2,370	1,428	60.3

Table 3 (public schools, continued)

<b>Writing</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	133,935	109,935	82.1
Male	67,517	51,293	76.0
Female	65,813	58,247	88.5
American Indian	216	152	70.4
Asian/Pacific Isl.	1,669	1,459	87.4
African American	18,024	11,348	63.0
Hispanic	2,392	1,607	67.2
White	107,501	92,373	85.9
Multi-Racial	1,834	1,421	77.5
Other	2,299	1,575	68.5

<b>Science</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	134,002	94,959	70.9
Male	67,551	48,512	71.8
Female	65,831	46,190	70.2
American Indian	220	130	59.1
Asian/Pacific Isl.	1,672	1,338	80.0
African American	18,086	6,306	34.9
Hispanic	2,413	1,175	48.7
White	107,451	83,744	77.9
Multi-Racial	1,838	1,158	63.0
Other	2,322	1,108	47.7

<b>Social Studies</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	133,519	103,414	77.5
Male	67,290	52,109	77.4
Female	65,620	50,977	77.7
American Indian	216	146	67.6
Asian/Pacific Isl.	1,668	1,425	85.4
African American	17,856	9,283	52.0
Hispanic	2,388	1,411	59.1
White	107,289	88,461	82.5
Multi-Racial	1,829	1,328	72.6
Other	2,273	1,360	59.8

Note: Table 2 grand totals include students for whom gender information was not available, so they are slightly higher than the sum of male and female students. Numbers and percentages of students achieving proficient scores include those who were accelerated or advanced.

## PRELIMINARY TEST RESULTS FOR NONPUBLIC SCHOOLS

Table 4 presents a summary of 10<sup>th</sup> -grade student performance on the March 2005 OGT. Students with Individualized Education Plans (IEP) and/or Limited English Proficiency (LEP) are included in the figures. More than 87 percent (11,952 of 13,721; 87.1 percent) of non-public 10<sup>th</sup> graders who attempted all five tests achieved a result of proficient or above on all five tests.

Table 4 - Results of the March 2005 OGT administration for nonpublic schools

<b>Reading</b>				
Performance Level		Number	Percent	
Proficient or above:	Advanced	7,099	51.4	99.0
	Accelerated	5,113	37.0	
	Proficient	1,473	10.7	
Below proficient:	Basic	90	0.7	1.0
	Limited	42	0.3	

<b>Mathematics</b>				
Performance Level		Number	Percent	
Proficient or above:	Advanced	6,128	44.4	95.0
	Accelerated	4,206	30.5	
	Proficient	2,782	20.1	
Below proficient:	Basic	512	3.7	5.0
	Limited	184	1.3	

<b>Writing</b>				
Performance Level		Number	Percent	
Proficient or above:	Advanced	2,189	15.8	97.4
	Accelerated	8,765	63.5	
	Proficient	2,497	18.1	
Below proficient:	Basic	305	2.2	2.6
	Limited	56	0.4	

<b>Science</b>				
Performance Level		Number	Percent	
Proficient or above:	Advanced	3,869	28.1	90.4
	Accelerated	4,325	31.4	
	Proficient	4,265	30.9	
Below proficient:	Basic	1,115	8.1	9.6
	Limited	210	1.5	

Table 4 (nonpublic schools, continued)

<b>Social Studies</b>				
Performance Level		Number	Percent	
Proficient or above:	Advanced	4,765	34.6	94.6
	Accelerated	4,174	30.3	
	Proficient	4,099	29.7	
Below proficient:	Basic	546	4.0	5.4
	Limited	199	1.4	

Note: Percents may not add up to 100 percent due to rounding.

**RESULTS DISAGGREGATED BY GENDER AND MAJOR ETHNICITY FOR NONPUBLIC SCHOOLS**

Table 5 summarizes results for each gender and ethnic group.

Table 5 – Results disaggregated by gender and ethnicity for nonpublic schools

<b>Reading</b>			
	Number Tested	Number Proficient	Percent Proficient
Grand Total	13,817	13,685	99.0
Male	6,964	6,872	98.7
Female	6,539	6,501	99.4
American Indian	31	31	100.0
Asian/Pacific Isl.	202	200	99.0
African American	922	873	94.7
Hispanic	202	202	100.0
White	11,405	11,338	99.4
Multi-Racial	249	245	98.4
Other	806	796	98.8

<b>Mathematics</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	13,812	13,116	95.0
Male	6,964	6,647	95.4
Female	6,535	6,169	94.4
American Indian	31	29	93.5
Asian/Pacific Isl.	203	198	97.5
African American	919	719	78.2
Hispanic	202	177	87.6
White	11,401	11,002	96.5
Multi-Racial	250	229	91.6
Other	806	762	94.5

Table 4 (nonpublic schools, continued)

<b>Writing</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	13,812	13,451	97.4
Male	6,965	6,687	96.0
Female	6,535	6,456	98.8
American Indian	31	29	93.5
Asian/Pacific Isl.	201	195	97.0
African American	922	824	89.4
Hispanic	202	194	96.0
White	11,401	11,191	98.2
Multi-Racial	249	238	95.6
Other	806	780	96.8

<b>Science</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	13,784	12,459	90.4
Male	6,953	6,328	91.0
Female	6,518	5,839	89.6
American Indian	31	28	90.3
Asian/Pacific Isl.	203	189	93.1
African American	919	577	62.8
Hispanic	201	163	81.1
White	11,379	10,858	95.4
Multi-Racial	248	221	89.1
Other	803	723	90.0

<b>Math Studies</b>			
	Total Tested	Total Proficient	Percent Proficient
Grand Total	13,783	13,038	94.6
Male	6,953	6,604	95.0
Female	6,518	6,131	94.1
American Indian	31	29	93.5
Asian/Pacific Isl.	194	188	96.9
African American	919	728	79.2
Hispanic	202	180	89.1
White	11,385	10,923	95.9
Multi-Racial	248	225	90.7
Other	804	765	95.1

Note: Table 4 grand totals include students for whom gender information was not available, so they are slightly higher than the sum of male and female students. Numbers and percentages of students achieving proficient scores include those who were accelerated or advanced.

## SCORE RANGES OF PERFORMANCE LEVELS

Table 5 provides the raw and scaled scores associated with each of the five performance levels on each test for the March 2005 administration.

Table 5 – Score ranges for all subjects and all performance levels

Subject	Performance Level	Raw Score	Scaled Score
Reading	Advanced	40.0 – 48.0	448 – 545
	Accelerated	32.0 – 39.5	429 – 447
	Proficient	18.0 – 31.5	400 – 428
	Basic	12.0 – 17.5	383 – 399
	Limited	0.0 – 11.5	268 – 382
Mathematics	Advanced	34.5 – 46.0	444 – 568
	Accelerated	27.5 – 34.0	425 – 443
	Proficient	18.0 – 27.0	400 – 424
	Basic	12.5 – 17.5	384 – 399
	Limited	0.0 – 12.0	260 – 383
Writing	Advanced	41.0 – 48.0	476 – 611
	Accelerated	34.0 – 40.5	430 – 475
	Proficient	25.5 – 33.5	400 – 429
	Basic	18.0 – 25.0	378 – 399
	Limited	0.0 – 17.5	258 – 377
Science	Advanced	37.5 – 48.0	445 – 591
	Accelerated	32.0 – 37.0	425 – 444
	Proficient	23.5 – 31.5	400 – 424
	Basic	14.5 – 23.0	372 – 399
	Limited	0.0 – 14.0	211 – 371
Social Studies	Advanced	39.0 – 48.0	446 – 565
	Accelerated	33.0 – 38.5	429 – 445
	Proficient	21.5 – 32.5	400 – 428
	Basic	15.0 – 21.0	382 – 399
	Limited	0.0 – 14.5	231 – 381

For additional information on OGT, visit ODE assessment Web site at:  
<http://www.ode.state.oh.us/proficiency/OGT/default.asp>