

## Section 4

### III. Graduation and College Admissions Testing

For the past five years, a greater proportion of Shaker Heights City School District students than Ohio students graduated (Table 61, p. 71). Conversely, the dropout rate was lower for Shaker students.

Note: SAT I and ACT tests are taken by students who are college bound and are applying to schools that require one or both tests. Therefore, the test results reported here for Shaker Heights, Ohio, and the nation should not be considered representative of all students. Furthermore, year-to-year differences in students' college plans can cause year-to-year score differences that are due to changes in the test-taking population rather than cohort-to-cohort changes in ability or achievement.

#### College Admissions Tests (Tables 62-63, p. 72-73)

- For each of the past four years, mean SAT I scores for students in Ohio exceeded the means for the nation on the Verbal and Math tests, and the mean scores for students in the Shaker Heights City School District exceeded the means for the state.
- The mean math SAT I scores for all students in the Shaker Heights City School class of 2005 increased compared to the classes of 2002, 2003, and 2004. Mean verbal scores were slightly lower compared to the class of 2004.
- Data broken out by race/ethnicity show annual increases in verbal and math performance for Shaker African-American students since 2002. Math and verbal performance for Shaker European-American students in the class of 2005 returned to a level similar to their peers in the class of 2003.
- Shaker students from the class of 2005 who took the ACT outperformed Ohio students and students in the nation.
- ACT scores for African-American students increased in math and science and remained stable in English and reading from 2004 to 2005; those for European-American students decreased in English, math, and science and remained stable in reading.

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**Table 61.**  
**Graduation Rates for the Shaker Heights City School District, Compared to the State of Ohio**

<b>Graduation Rate Adjusted</b>					
	<b>2000-01</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>
<b>Shaker Heights</b>	99.1	97.6	99.7	98.8	98.7
<b>Ohio</b>	81.2	82.8	83.9	84.3	85.9

Sources: State of Ohio, 2001 School District Report Card; 2002 District and State Results from ODE Website, State of Ohio, 2003 School Report Card (Shaker Heights High School), Ohio Schools 2003 Annual Report on Educational Progress in Ohio; Shaker Heights High School 2002-03 School Year Report Card and Committed to Success for All in Ohio Schools, 2002-3003 Annual Report on Educational Progress in Ohio. Shaker Heights High School 2003-04 School Year Report Card and Committed to Success for All in Ohio Schools, 2003-3004 Annual Report on Educational Progress in Ohio; Shaker Heights 2004-2005 School Year Report Card ([www.ode.state.oh.us/reportcard](http://www.ode.state.oh.us/reportcard).)

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<b>Tables 62-63: College Admissions Test Scores</b>
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**Table 62. Mean SAT Verbal and Math Scores--A Comparison of National, State, and District Data for All Students and by Race/Ethnicity: Classes of 2002, 2003, 2004, and 2005**

	<b>Shaker Mean Score</b>	<b>Number of Students</b>	<b>Ohio Mean Score</b>	<b>National Mean Score</b>
<b>All students, 2002</b>	539	274	533	504
<b>Verbal/ Math</b>	552		540	516
<b>All students, 2003</b>	568	250	536	507
<b>Verbal/ Math</b>	566		541	519
<b>All students, 2004</b>	577	258	538	508
<b>Verbal/ Math</b>	571		542	515
<b>All students, 2005</b>	569	269	539	508
<b>Verbal/ Math</b>	573		543	520
<b>Afr Am, 2002</b>	461	98	448	430
<b>Verbal/ Math</b>	458		437	427
<b>Afr Am, 2003</b>	465	69	443	431
<b>Verbal/ Math</b>	461		432	426
<b>Afr Am, 2004</b>	482	88	451	430
<b>Verbal/ Math</b>	461		438	427
<b>Afr Am, 2005</b>	490	92	452	433
<b>Verbal/ Math</b>	486		443	431
<b>Whites, 2002</b>	584	162	541	527
<b>Verbal/ Math</b>	604		549	533
<b>Whites, 2003</b>	608	160	544	529
<b>Verbal/ Math</b>	612		549	534
<b>Whites, 2004</b>	627	152	544	528
<b>Verbal/ Math</b>	629		548	531
<b>Whites, 2005</b>	607	162	546	532
<b>Verbal/ Math</b>	615		551	536

Note: The number of students declining to respond to the question about race/ethnicity has been substantial for several years. Hence, analysis for Shaker data was conducted using a file generated in the district. According to the College Board's report for Ohio, 7% of test takers statewide declined to identify their race/ethnicity. For the national College-Bound seniors report, 19% of test takers did not report their race/ethnicity. Hence, racial/ethnic breakdowns for state and national data are suspect. State and national scores are reported in the College Board's annual reports entitled *College Bound Seniors*.

[http://www.collegeboard.com/about/news\\_info/cbsenior/yr2005/reports.html](http://www.collegeboard.com/about/news_info/cbsenior/yr2005/reports.html)

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**Table 63. ACT Scores for the Classes of 2002, 2003, 2004 and 2005 for Combined Groups and by Race/Ethnicity**

Test	Shaker Mean: Total <sup>1</sup>				Shaker Mean: African-American				Shaker Mean: European-American				Ohio Mean <sup>2</sup>				National Mean			
	2002	2003 <sup>3</sup>	2004	2005	2002	2003 <sup>3</sup>	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
<b>English</b>	21	22	22	22	17	17	18	18	25	25	27	25	20.6	20.6	20.7	20.7	20.2	20.3	20.4	20.4
<b>Math</b>	21	22	22	23	18	18	18	19	24	26	26	25	21.2	21.1	21.1	21.2	20.6	20.6	20.7	20.7
<b>Reading</b>	22	23	23	23	18	18	19	19	27	27	27	27	21.8	21.8	21.9	21.9	21.1	21.2	21.3	21.3
<b>Science Reasoning</b>	21	22	22	23	18	18	18	20	24	25	26	25	21.5	20.4	21.5	21.5	20.8	20.8	20.9	20.9
<b>Composite</b>	22	22	22.5	23	18	18	18	19	25	26	27	25	21.4	21.4	21.4	21.4	20.8	20.8	20.9	20.9
<b>Number of Students</b>	236	233	319	273	108	102	117	119	121	120	130	141	78,002	81,710	81,510	80,732	~1.1 million	~1.2 million	~1.2 million	~1.2 million

<sup>1</sup> Sources for Shaker Data: 2002 data: ACT Mean Scores for Graduating Class of 2002, Sorted by Race and Sex, GEN6510.QZ; 2003 data: ACT Mean Scores for Graduating Class of 2003, Sorted by Race and Sex, GEN6510.QZ. 2005 data: Data set reporting individual ACT and SAT scores for class of 2005. Data analyzed using SYSTAT software.

<sup>2</sup> Sources for Ohio and National Data: 2002 data: *The High School Profile Report: A description of the academic abilities and nonacademic characteristics of your ACT tested 2002 graduates*. Prepared by ACT for Shaker Heights High School. 2003 data: *Academic Department Reports and Graphs, 2003 High School Graduating Class: National, Ohio, Shaker Heights High School ACT High School Profile*. Prepared for Shaker Heights High School by ACT. 2004 and 2005 data: ACT National Scores and ACT Composite Scores by State: <http://www.act.org/news/data.html>.

<sup>3</sup> Disaggregated scores for 2002 and 2003 are based on runs generated by Shaker's data center. These data are more complete than the data reported by ACT, because a percentage of students declined to report their race/ethnicity when registering for the ACT. Thus they were not included in ACT's reports. Disaggregated scores for Shaker's class of 2005 are based on SYSTAT runs using individual scores for each member of the class of 2005.