

**BOARD OF EDUCATION OF HOWARD COUNTY
MEETING AGENDA ITEM**

TITLE: SAT and ACT Results for the Graduating Class of 2013 **DATE:** October 22, 2013

PRESENTER(S): E. Grace Chesney
Chief Accountability Officer

OVERVIEW:

The SAT is published by the College Board and scored by the Educational Testing Service. The SAT is a standardized test designed to measure high-school level knowledge in three sections: critical reading, writing, and mathematics. Each section is scored on a scale that ranges from 200 to 800. The maximum total score of 2400 is reported as the composite score and comprises scores from all three sections. Most students take the SAT during their junior or senior year of high school, and almost all colleges and universities consider the SAT, in addition to other student information, when making admission decisions.

The ACT is published by ACT Incorporated. The test assesses high school students' general educational development and their ability to complete college-level work in four skill areas: English, mathematics, reading, and science. It also includes an optional writing test that measures skills in planning and writing a short essay. The score range for each of the four tests is 1 to 36. The composite score is the average of the four test scores earned during a single test administration, rounded to the nearest whole number. ACT results are accepted by all four-year colleges and universities in the United States.

The 2013 HCPSS mean SAT combined score of 1653 is 21 points greater than the mean SAT combined score of 1632 in 2012.

HCPSS continues to outperform the state and nation on the SAT according to the data for the graduating class of 2013. Among graduating HCPSS seniors, 80 percent took the SAT during high school, compared to 69 percent of public school graduates in Maryland and 43 percent of public school graduates nationally. The average SAT score for HCPSS graduates in the class of 2013 was 1653, 170 points greater than the average for all Maryland schools (1483) and 155 points greater than the average for all schools nationwide (1498).

RECOMMENDATION/FUTURE DIRECTION:

Targeted and aligned work needs to continue to address gaps between student groups and ensure that all students are receiving a world class educational experience preparing them for career and college success.

Submitted by: E. Grace Chesney
Chief Accountability Officer

Approval/Concurrence: Renee A. Foose, Ed.D.
Superintendent

Background

Vision 2018: Fulfilling the Promise of Preparation clearly articulates goals, outcomes, and strategies for ensuring that every student in the Howard County Public School System (HCPSS) is prepared to succeed in college or a career. Students' SAT and ACT scores are both used as college readiness indicators in HCPSS. Both the SAT and ACT are widely recognized and accepted college entrance exams. This report provides information about the results of the 2013 administrations of the SAT and ACT for HCPSS, Maryland, and the nation. Results are also reported by student group and by school. The report concludes with a discussion of next steps.

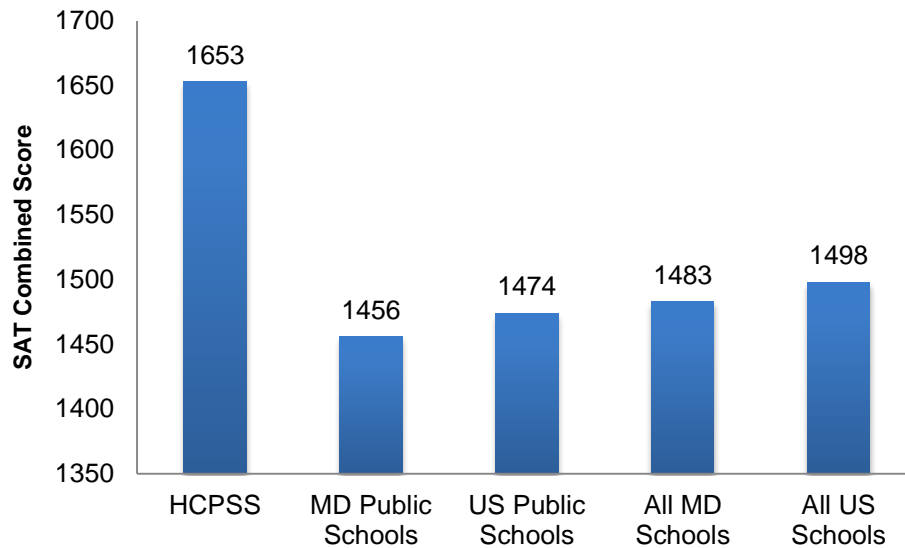
The SAT is published by the College Board and scored by the Educational Testing Service. The SAT is a standardized test designed to measure high-school level knowledge in three sections: critical reading, writing, and mathematics. Each section is scored on a scale that ranges from 200 to 800. The maximum total score of 2400 is reported as the composite score and comprises scores from all three sections. Most students take the SAT during their junior or senior year of high school, and almost all colleges and universities consider the SAT, in addition to other student information, when making admission decisions.

The ACT is published by ACT Incorporated. The test assesses high school students' general educational development and their ability to complete college-level work in four skill areas: English, mathematics, reading, and science. It also includes an optional writing test that measures skills in planning and writing a short essay. The score range for each of the four tests is 1 to 36. The composite score is the average of the four test scores earned during a single test administration, rounded to the nearest whole number. ACT results are accepted by all four-year colleges and universities in the United States.

SAT Results

HCPSS continues to outperform the state and nation on the SAT according to the data for the graduating class of 2013. Among graduating HCPSS seniors, 80 percent took the SAT during high school, compared to 69 percent of public school graduates in Maryland and 43 percent of public school graduates nationally. The average SAT score for HCPSS graduates in the class of 2013 was 1653, 170 points greater than the average for all Maryland schools (1483) and 155 points greater than the average for all schools nationwide (1498) (Figure 1).

Figure 1. SAT Performance of 2013 Graduates in HCPSS, Maryland, and the Nation



Note. All MD Schools and All US Schools include graduates who were enrolled in a public, religiously affiliated, independent or another school type.

The 2013 HCPSS mean SAT combined score of 1653 is 21 points greater than the mean SAT combined score of 1632 in 2012 (Table A1). Overall, the mean SAT combined score increased from 2012 to 2013 for all student groups except for students who reported two or more races, students receiving special education services, and students receiving English for Speakers of Other Languages (ESOL) services. Of note, the mean SAT combined score for the 2013 Black/African American graduates and Hispanic/Latino graduates were 26 and 32 points higher, respectively, than that of their peers in the graduating class of 2012. The mean SAT combined score for 2013 graduates who received FARMS services was 34 points higher than their peers in 2012 (Table A1).

Also noteworthy, 11 of the 12 HCPSS high schools' mean SAT combined scores were greater than the national average of 1498. Five out of the 12 high schools' mean SAT combined scores were greater than 1650, a college readiness indicator (Table A2). The attached Tables A1 through A7 provide data on SAT participation and performance by student group and school.

ACT Results

Every year, 1.6 million students nationally take the SAT, and an equal number of students take an alternative college entrance exam, the ACT. Most colleges and universities accept scores from either assessment. While students in this region of the country have typically taken the SAT, the ACT is becoming an increasingly popular alternative, and this trend is also observed in HCPSS. Historically, most students in Howard County have opted to take the SAT. However, in recent years, many Howard County students are taking both assessments. Twenty-three percent of HCPSS graduates in the class of 2013 took the ACT, an increase of 3 percentage points over the 2012 graduating class. A small percentage of students chose to take only the ACT (less than percent in 2013, Table C1). Student choice is driven by the type of test (aptitude as measured by the SAT or achievement as measured by the ACT) and the

requirements of the college or university to which the student is applying. Though the assessments have differences, they are equally valued in the college admission process.

The HCPSS average ACT composite score continues to be greater than the national and state averages. The average ACT composite score in 2013 was 20.9 nationally, 22.3 in Maryland, and 24.2 in HCPSS (Table 1).

Table 1. Average ACT Composite Score for HCPSS, Maryland, and the Nation, 2011 to 2013

Region	2011	2012	2013
HCPSS	24.0	23.9	24.2
Maryland	22.1	22.1	22.3
Nation	21.1	21.1	20.9

Note. HCPSS numbers are based on data verified by HCPSS and may not reflect the numbers reported by ACT Inc.

Among the ACT content subtests, HCPSS students' scores also continue to outpace national and Maryland scores. In 2013, the average score for English was 23.7 among HCPSS students, compared to 21.6 for the state and 20.2 nationally. The HCPSS mathematics average score was 24.4, compared to 22.2 for Maryland and 20.9 for the nation. The average reading scores were 24.3 for HCPSS, 22.3 for Maryland, and 21.1 for the nation. The average science score was 23.8 for HCPSS, 21.7 for Maryland, and 20.7 for the nation (Table 2).

Table 2. Average Content Score on ACT: HCPSS, Maryland, and the Nation, 2012 to 2013

	Reading		Mathematics		English		Science	
	2012	2013	2012	2013	2012	2013	2012	2013
HCPSS	23.9	24.3	24.2	24.4	23.5	23.7	23.5	23.8
Maryland	22.2	22.3	22.2	22.2	21.8	21.6	21.6	21.7
Nation	21.3	21.1	21.1	20.9	20.5	20.2	20.9	20.7

Note. HCPSS numbers are based on the data verified by HCPSS and may not reflect the numbers reported by ACT Inc.

The attached Tables B1 and B2 provide data on HCPSS students' ACT participation and performance by student group and by school.

SAT/ACT as a College Readiness Indicator

ACT defines college readiness as enrolling and succeeding in credit-bearing, first-year postsecondary courses without any remediation. Many community colleges accept an SAT mean score of 550 on each subtest for entry into credit-bearing courses. As stated above, the percentage of students taking the ACT test is increasing. An SAT combined score of 1650 (an average of 550 on each of the three subtests) corresponds to an ACT composite score of 24 according to a report by the College Board. Therefore, HCPSS has defined college readiness as attaining an SAT score of 1650 or higher or an ACT score of 24 or higher.

Tables C1 and C2 provide information on SAT and ACT participation and performance in HCPSS as well as the percentage of students meeting the college readiness indicator by student group and school. Students can take the SAT multiple times and students can select score(s) from specific test date(s) to send to their chosen institutions. In other words, students may choose to send only their highest SAT score from one test administration. Therefore, the college readiness indicators as seen in Tables C1 and C2 are based on the highest SAT or ACT score in one test administration.

Almost 55 percent of 2013 HCPSS high school graduates were deemed college ready according to the SAT/ACT indicator. There was a slight increase in Black/African American and Hispanic/Latino graduates (0.7 percentage points and 3.5 percentage points, respectively) who met SAT/ACT college readiness criteria. Table C2 shows variation in college readiness between schools. Seven schools as a whole met the college readiness criteria, either by the SAT and/or the ACT score average. Variation also exists among student groups in meeting the college readiness criteria. While 54.8 percent of students overall met the college readiness indicator, only 21.0 percent of Black/African American and 38.1 percent of Hispanic students did so. As for students receiving FARMS, only 18.7 percent met SAT/ACT college readiness criteria and only 21.0 percent of students in special education services did so.

Conclusion and Next Steps

Students in HCPSS continue to perform at high levels on the SAT and ACT when compared with their peers in Maryland and throughout the nation. Improvement in the SAT and ACT is evidenced when comparing the 2012 scores with the current 2013 results. Despite the strong overall scores, gaps exist for student groups including Black/African American and Hispanic, and for students receiving special services (FARMS and special education).

Currently, many supports and strategies are in place to support all students in achieving the college readiness indicator level on the SAT. These supports are in two main categories: SAT test preparation and test registration. Examples of these supports include the following:

SAT Preparation

- After school preparation program (selected schools)
- In-school half-semester SAT preparation class
- Recommendations from school counselors to students regarding community resources, books, computer programs to support students in studying for the SAT

SAT Participation

- Leveraging data available through the Naviance database to target students who have not taken the SAT and encouraging their participation

Systemic strategies have traditionally focused more on the SAT than the ACT. As both measures are important in preparing students for college, targeted ACT preparation programs should be considered for implementation. Targeted, intentional efforts need to be implemented to identify the contributing factors for the identified gaps between student groups in the rate at which each group's SAT/ACT performances demonstrate their readiness for college. When these factors become more apparent, locally-relevant strategies to eliminate those gaps can then be developed for integration into the school improvement process.

Table A1. SAT Participation and Performance for HCPSS Classes of 2012 and 2013 by Gender, Race/Ethnicity and Special Service Group

	N Graduates ^a		N Took SAT		% Took SAT		Mean SAT Reading		Mean SAT Math		Mean SAT Writing		Mean SAT Composite	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All Students	3856	4098	3113	3292	80.7	80.3	537	545	557	563	538	545	1632	1653
Male	1991	2107	1545	1635	77.6	77.6	539	547	575	581	529	538	1643	1666
Female	1865	1991	1568	1657	84.1	83.2	534	544	540	545	547	552	1621	1641
Asian	577	640	523	592	90.6	92.5	556	570	620	621	580	579	1755	1770
Black/African American	783	756	559	544	71.4	72.0	465	475	458	469	465	469	1388	1414
Hispanic/Latino	271	291	182	184	67.2	63.2	495	512	511	517	505	514	1510	1542
White	2005	2154	1676	1777	83.6	82.5	558	563	576	578	552	561	1685	1701
Two or More Races	204	243	164	186	80.4	76.5	550	544	561	553	546	541	1657	1639
Non-FARMS	3340	3520	2804	2946	84.0	83.7	547	556	569	573	548	556	1663	1685
FARMS	516	578	309	346	59.9	59.9	444	452	454	473	449	455	1346	1380
Special Education	179	213	55	52	30.7	24.4	448	424	445	442	435	428	1327	1293
ESOL	54	38	28	21	51.9	55.3	324	318	471	395	369	344	1164	1057

Note. Results for American Indian and Pacific Islander students are included with all students but are not reported separately due to small number of students in these groups.

Scores are based on students' most recent SAT test.

FARMS = Free and Reduced Price Meals System

ESOL = English for Speakers of Other Languages

^aN graduates is based on the end of year attendance file and includes only diploma graduates

Table A2. SAT Participation and Mean SAT Composite Scores for the HCPSS Classes of 2012 and 2013 by High School

	N Graduates ^a		N Took SAT		% Took SAT		Mean SAT Reading		Mean SAT Math		Mean SAT Writing		Mean SAT Composite	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All Students	3856	4098	3113	3292	80.7	80.3	537	545	557	563	538	545	1632	1653
Atholton	345	382	301	328	87.2	85.9	555	565	582	584	560	566	1696	1715
Centennial	325	394	296	341	91.1	86.5	575	584	603	611	576	578	1754	1772
Glenelg	283	314	228	252	80.6	80.3	543	533	577	562	549	540	1669	1635
Hammond	297	323	218	243	73.4	75.2	495	499	497	489	484	490	1476	1478
Howard	377	424	331	364	87.8	85.8	527	531	544	552	531	533	1602	1616
Long Reach	274	278	197	187	71.9	67.3	491	514	503	525	494	515	1488	1553
Marriotts Ridge	333	296	284	265	85.3	89.5	552	567	577	592	546	572	1675	1732
Mt. Hebron	320	358	279	309	87.2	86.3	550	545	583	585	549	548	1682	1677
Oakland Mills	247	276	173	181	70.0	65.6	503	502	511	507	499	498	1513	1507
Reservoir	366	386	286	286	78.1	74.1	509	523	521	528	516	522	1546	1573
River Hill	333	357	296	330	88.9	92.4	574	593	604	613	583	593	1761	1799
Wilde Lake	305	281	223	206	73.1	73.3	527	540	532	538	521	532	1579	1611

Note. Scores are based on students' most recent SAT test. Graduates enrolled in Special Schools are included with all students.

^aN graduates is based on the end of year attendance file and includes only diploma graduates

Table A3. SAT Participation for the HCPSS Class of 2013 by High School and Race/Ethnicity

High School	Asian			Black/African American			Hispanic/Latino			White			Two or More Races		
	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took
All Students	640	592	92.5	756	544	72.0	291	184	63.2	2154	1777	82.5	243	186	76.5
Atholton	65	60	92.3	58	47	81.0	17	14	82.4	219	186	84.9	20	18	90.0
Centennial	115	108	93.9	24	15	62.5	11	9	81.8	220	189	85.9	21	18	85.7
Glenelg	18	17	94.4	12	*	≥ 95	--	--	--	262	213	81.3	11	7	63.6
Hammond	29	24	82.8	102	73	71.6	42	27	64.3	127	99	78.0	23	20	87.0
Howard	48	*	≥ 95	75	63	84.0	26	22	84.6	234	198	84.6	41	34	82.9
Long Reach	36	27	75.0	80	58	72.5	34	18	52.9	107	74	69.2	19	9	47.4
Marriotts Ridge	67	*	≥ 95	18	14	77.8	--	--	--	187	161	86.1	14	*	≥ 95
Mt. Hebron	78	73	93.6	42	38	90.5	20	10	50.0	204	177	86.8	13	11	84.6
Oakland Mills	28	23	82.1	109	72	66.1	39	14	35.9	82	64	78.0	18	8	44.4
Reservoir	47	43	91.5	99	71	71.7	41	30	73.2	172	123	71.5	27	19	70.4
River Hill	92	*	≥ 95	14	12	85.7	14	12	85.7	224	205	91.5	13	11	84.6
Wilde Lake	16	14	87.5	106	69	65.1	28	18	64.3	110	88	80.0	21	17	81.0

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively and numerator will be reported as * to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. Graduates enrolled in Special Schools are included with all students.

Table A4. SAT Participation for the HCPSS Class of 2013 by High School, Gender, and Special Service Group

High School	Male			Female			FARMS			Special Education			ESOL		
	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took
All Students	2107	1635	77.6	1991	1657	83.2	578	346	59.9	213	52	24.4	38	21	55.3
Atholton	195	172	88.2	187	156	83.4	24	14	58.3	15	7	46.7	--	--	--
Centennial	219	191	87.2	175	150	85.7	31	22	71.0	13	5	38.5	--	--	--
Glenelg	176	139	79.0	138	113	81.9	10	4	40.0	16	3	18.8	--	--	--
Hammond	156	105	67.3	167	138	82.6	83	55	66.3	31	6	19.4	--	--	--
Howard	222	183	82.4	202	181	89.6	42	28	66.7	19	7	36.8	--	--	--
Long Reach	120	77	64.2	158	110	69.6	65	35	53.8	--	--	--	--	--	--
Marriotts Ridge	147	129	87.8	149	136	91.3	16	13	81.3	12	5	41.7	--	--	--
Mt. Hebron	200	170	85.0	158	139	88.0	42	34	81.0	20	5	25.0	--	--	--
Oakland Mills	131	75	57.3	145	106	73.1	98	52	53.1	20	2	10.0	--	--	--
Reservoir	196	127	64.8	190	159	83.7	67	45	67.2	22	6	27.3	--	--	--
River Hill	190	169	88.9	167	161	96.4	--	--	--	10	3	30.0	--	--	--
Wilde Lake	134	98	73.1	147	108	73.5	79	38	48.1	16	2	12.5	--	--	--

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively to protect student confidentiality. Graduates enrolled in Special Schools are included with all students.

FARMS = Free and Reduced Price Meals System.

ESOL = English for Speakers of Other Languages.

Table A5. SAT Performance for the HCPSS Class of 2013 by High School and Race/Ethnicity

High School	Asian			Black/African American			Hispanic/Latino			White			Two or More Races		
	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing
All Students	570	621	579	475	469	469	512	517	514	563	578	561	544	553	541
Atholton	585	622	584	519	517	524	533	554	544	575	592	577	552	581	540
Centennial	594	655	598	499	507	481	580	587	596	584	597	572	607	596	602
Glenelg	538	641	573	533	547	563	--	--	--	533	557	535	547	547	577
Hammond	439	500	461	468	448	457	470	456	448	545	527	535	489	483	481
Howard	532	579	537	480	472	477	566	540	556	546	575	551	521	534	514
Long Reach	517	559	531	463	462	470	492	499	492	560	566	547	500	526	532
Marriotts Ridge	595	643	593	501	505	483	--	--	--	563	585	570	598	594	624
Mt. Hebron	538	623	568	466	486	464	514	552	514	565	593	559	557	571	554
Oakland Mills	540	567	550	445	441	443	454	462	460	564	569	552	485	521	483
Reservoir	545	575	569	465	452	441	500	514	506	555	557	560	521	536	503
River Hill	638	669	637	523	535	506	593	613	606	578	591	578	594	640	585
Wilde Lake	562	604	556	478	460	468	492	504	499	589	594	581	571	552	560

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥ 95 or ≤ 5 respectively to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. Graduates enrolled in Special Schools are included with all students. SAT scores are based on the most recent SAT test.

Table A6. SAT Performance for the HCPSS Class of 2013 by High School, Gender, and Special Service Group

High School	Male			Female			FARMS			Special Education			ESOL		
	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing	Mean SAT Reading	Mean SAT Math	Mean SAT Writing
All Students	547	581	538	544	545	552	452	473	455	424	442	428	318	395	344
Atholton	558	594	555	573	574	579	482	459	469	469	503	427	--	--	--
Centennial	585	621	574	582	597	584	518	596	510	504	584	516	--	--	--
Glenelg	531	576	526	537	544	557	408	503	458	310	360	390	--	--	--
Hammond	508	504	491	491	478	490	416	433	424	373	373	402	--	--	--
Howard	527	561	521	536	542	545	490	485	469	373	444	414	--	--	--
Long Reach	516	549	505	512	507	522	435	446	446	--	--	--	--	--	--
Marriotts Ridge	569	618	561	566	568	582	522	572	512	516	484	490	--	--	--
Mt. Hebron	546	603	546	543	562	551	460	521	479	534	506	484	--	--	--
Oakland Mills	495	515	480	506	502	511	413	423	422	385	300	375	--	--	--
Reservoir	528	542	513	519	516	530	455	464	454	328	335	308	--	--	--
River Hill	589	627	578	--	--	--	548	605	530	417	473	460	--	--	--
Wilde Lake	547	559	526	534	519	538	451	457	451	440	415	465	--	--	--

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively to protect student confidentiality. Graduates enrolled in Special Schools are included with all students. SAT scores are based on the most recent SAT test.

FARMS = Free and Reduced Price Meals System

ESOL = English for Speakers of Other Languages

Table A7. SAT Composite Score for the HCPSS Class of 2013 by High School, Race/Ethnicity, Gender, and Special Service Group

	All	Race/Ethnicity					Gender		Special Service Group		
		AS	BL	HI	WH	2+	Male	Female	FARMS	Special Education	ESOL
All Students	1653	1770	1414	1542	1701	1639	1666	1641	1380	1293	1057
Atholton	1715	1790	1560	1631	1744	1673	1707	1725	1411	1399	--
Centennial	1772	1846	1488	1762	1753	1805	1780	1763	1624	1604	--
Glenelg	1635	1752	1643	1567	1625	1671	1633	1637	1368	1060	--
Hammond	1478	1400	1374	1373	1608	1453	1503	1459	1273	1148	--
Howard	1616	1647	1429	1663	1672	1569	1610	1623	1444	1231	--
Long Reach	1553	1606	1395	1483	1672	1558	1571	1541	1327	--	--
Marriotts Ridge	1732	1832	1489	--	1717	1816	1749	1716	1605	1490	--
Mt. Hebron	1677	1729	1416	1580	1717	1682	1695	1656	1460	1524	--
Oakland Mills	1507	1657	1329	1376	1684	1489	1490	1519	1258	1060	--
Reservoir	1573	1688	1359	1519	1672	1560	1583	1565	1373	972	--
River Hill	1799	1944	1563	1812	1747	1819	1795	1803	--	1350	--
Wilde Lake	1611	1721	1406	1495	1764	1683	1632	1591	1359	1320	--

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥ 95 or ≤ 5 respectively to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. Graduates enrolled in Special Schools are included with all students. SAT scores are based on the most recent SAT test.

AS=Asian; BL=Black/African American; HI=Hispanic; WH=White; 2+=Two or More Races

FARMS = Free and Reduced Price Meals System

ESOL = English for Speakers of Other Languages

Table B1. ACT Participation and Performance for HCPSS Classes of 2012 and 2013 by Gender, Race/Ethnicity, and Special Service Group

	N Graduates ^a		N Took ACT		% Took ACT		Mean ACT Reading		Mean ACT Math		Mean ACT English		Mean ACT Science		Mean ACT Composite	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All Students	3856	4098	815	1032	21.1	25.2	24	24	24	24	24	24	23	24	24	24
Male	1991	2107	367	461	18.4	21.9	23	24	25	25	23	23	24	24	24	24
Female	1865	1991	448	571	24.0	28.7	24	25	24	24	24	24	23	23	24	24
Asian	577	640	107	124	18.5	19.4	27	26	29	28	27	26	26	26	27	27
Black/African American	783	756	154	182	19.7	24.1	19	20	19	20	18	19	19	19	19	20
Hispanic/Latino	271	291	35	46	12.9	15.8	23	23	23	23	22	22	22	24	22	23
White	2005	2154	483	623	24.1	28.9	25	25	25	25	24	25	25	25	25	25
Two or More Races	204	243	33	56	16.2	23.0	25	23	25	23	24	22	24	23	24	23
Non-FARMS	3340	3520	754	950	22.6	27.0	24	25	25	25	24	24	24	24	24	25
FARMS	516	578	61	82	11.8	14.2	18	19	20	20	17	18	18	19	19	19
Special Education	179	213	12	22	6.7	10.3	18	18	17	20	17	16	18	19	17	18
ESOL	54	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately due to small number of students in these groups. Scores are based on students' most recent ACT test.

FARMS = Free and Reduced Price Meals System

ESOL = English for Speakers of Other Languages

^aN graduates is based on the end of year attendance file and includes only diploma graduates.

Table B2. ACT Participation and Mean ACT Composite Scores for the HCPSS Classes of 2012 and 2013 by High School

	N Graduates ^a		N Took ACT		% Took ACT		Mean ACT Reading		Mean ACT Math		Mean ACT English		Mean ACT Science		Mean ACT Composite	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All Students	3856	4098	815	1032	21.1	25.2	24	24	24	24	24	24	23	24	24	24
Atholton	345	382	90	104	26.1	27.2	24	26	25	25	24	25	24	24	24	25
Centennial	325	394	68	76	20.9	19.3	27	27	28	28	27	26	26	26	27	27
Glenelg	283	314	110	144	38.9	45.9	24	25	25	25	24	24	24	24	24	25
Hammond	297	323	51	65	17.2	20.1	20	22	22	21	20	21	21	22	21	21
Howard	377	424	78	102	20.7	24.1	23	25	23	25	23	24	23	24	23	25
Long Reach	274	278	52	84	19.0	30.2	22	22	23	22	21	21	22	21	22	22
Marriotts Ridge	333	296	82	97	24.6	32.8	24	24	24	25	24	24	24	24	24	24
Mt. Hebron	320	358	56	83	17.5	23.2	25	24	26	25	25	24	26	24	25	24
Oakland Mills	247	276	39	75	15.8	27.2	20	22	21	22	19	20	20	21	20	21
Reservoir	366	386	85	75	23.2	19.4	23	24	23	22	22	23	23	22	23	23
River Hill	333	357	66	93	19.8	26.1	27	28	27	27	27	28	26	27	27	27
Wilde Lake	305	281	38	33	12.5	11.7	23	23	22	22	23	22	22	22	23	23

Note. Scores are based on students' most recent ACT test. Graduates enrolled in Special Schools are included with all students.

^aN graduates is based on the end of year attendance file and includes only diploma graduates.

Table C1. Number and Percent SAT/ACT Participation and Performance, and Number and Percent Meeting 1650+ on SAT or 24+ on ACT by Gender, Race/Ethnicity, and Special Service Group

	Year	N Grads	N Took SAT	% Took SAT	Highest SAT Comp	N Took ACT	% Took ACT	Highest ACT Comp	N Took SAT Only	% Took SAT Only	N Took ACT Only	% Took ACT Only	N Took SAT or ACT	% Took SAT or ACT	N SAT 1650+ or ACT 24+	% SAT 1650+ or ACT 24+
All Students	2012	3856	3113	80.7	1650	815	21.1	24	2350	60.9	--	≤5	3165	82.1	1635	51.7
	2013	4098	3292	80.3	1672	1032	25.2	24	2350	57.3	--	≤5	3382	82.5	1855	54.8
Male	2012	1991	1545	77.6	1660	367	18.4	24	1200	60.3	--	≤5	1567	78.7	831	53.0
	2013	2107	1635	77.6	1683	461	21.9	24	1217	57.8	--	≤5	1678	79.6	950	56.6
Female	2012	1865	1568	84.1	1640	448	24.0	24	1150	61.7	--	≤5	1598	85.7	804	50.3
	2013	1991	1657	83.2	1661	571	28.7	24	1133	56.9	--	≤5	1704	85.6	905	53.1
Asian	2012	577	523	90.6	1780	107	18.5	27	417	72.3	--	--	524	90.8	339	64.7
	2013	640	592	92.5	1790	124	19.4	27	472	73.7	--	--	596	93.1	406	68.1
Black/African American	2012	783	559	71.4	1408	154	19.7	19	421	53.8	--	≤5	575	73.4	117	20.3
	2013	756	544	72.0	1432	182	24.1	20	389	51.5	--	≤5	571	75.5	120	21.0
Hispanic/Latino	2012	271	182	67.2	1524	35	12.9	22	150	55.4	--	--	185	68.3	64	34.6
	2013	291	184	63.2	1563	46	15.8	23	143	49.1	--	--	189	64.9	72	38.1
White	2012	2005	1676	83.6	1701	483	24.1	25	1224	61.0	--	≤5	1707	85.1	1025	60.0
	2013	2154	1777	82.5	1720	623	28.9	25	1201	55.8	--	≤5	1824	84.7	1161	63.7
Two or More Races	2012	204	164	80.4	1674	33	16.2	24	132	64.7	--	--	165	80.9	85	51.5
	2013	243	186	76.5	1656	56	23.0	23	137	56.4	--	--	193	79.4	93	48.2
Non-FARMS	2012	3340	2804	84.0	1681	754	22.6	24	2098	62.8	--	≤5	2852	85.4	1582	55.5
	2013	3520	2946	83.7	1705	950	27.0	25	2073	58.9	--	≤5	3023	85.9	1788	59.1
FARMS	2012	516	309	59.9	1369	61	11.8	19	252	48.8	--	--	313	60.7	53	16.9
	2013	578	346	59.9	1395	82	14.2	19	277	47.9	--	≤5	359	62.1	67	18.7
Special Education	2012	179	55	30.7	1349	12	6.7	18	48	26.8	--	--	60	33.5	10	16.7
	2013	213	52	24.4	1314	22	10.3	18	40	18.8	--	≤5	62	29.1	13	21.0
ESOL	2012	54	28	51.9	1183	--	--	--	26	48.1	--	≤5	29	53.7	--	--
	2013	38	21	55.3	1088	--	--	--	19	50.0	--	≤5	22	57.9	--	--

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. Graduates enrolled in Special Schools are included with all students. SAT and ACT scores are based on the highest score obtained in one test administration.

FARMS = Free and Reduced Price Meals System

ESOL = English for Speakers of Other Languages

Table C2. Number and Percent SAT/ACT Participation and Performance, and Number and Percent Meeting 1650+ on SAT or 24+ on ACT by High School

	Year	N Grads	N Took SAT	% Took SAT	Highest SAT Comp	N Took ACT	% Took ACT	Highest ACT Comp	N Took SAT Only	% Took SAT Only	N Took ACT Only	% Took ACT Only	N Took SAT or ACT	% Took SAT or ACT	N SAT 1650+ or ACT 24+	% SAT 1650+ or ACT 24+
All Students	2012	3856	3113	80.7	1650	815	21.1	24	2350	60.9	--	≤5	3165	82.1	1635	51.7
	2013	4098	3292	80.3	1672	1032	25.2	24	2350	57.3	--	≤5	3382	82.5	1855	54.8
Atholton	2012	345	301	87.2	1716	90	26.1	24	219	63.5	--	--	309	89.6	182	58.9
	2013	382	328	85.9	1738	104	27.2	25	238	62.3	*	≤5	342	89.5	221	64.6
Centennial	2012	325	296	91.1	1774	68	20.9	27	231	71.1	--	--	299	92.0	206	68.9
	2013	394	341	86.5	1790	76	19.3	27	271	68.8	--	--	347	88.1	238	68.6
Glenelg	2012	283	228	80.6	1689	110	38.9	24	126	44.5	--	--	236	83.4	137	58.1
	2013	314	252	80.3	1657	144	45.9	25	113	36.0	--	--	257	81.8	146	56.8
Hammond	2012	297	218	73.4	1494	51	17.2	21	168	56.6	--	--	219	73.7	72	32.9
	2013	323	243	75.2	1498	65	20.1	21	181	56.0	--	--	246	76.2	76	30.9
Howard	2012	377	331	87.8	1618	78	20.7	23	255	67.6	--	--	333	88.3	160	48.0
	2013	424	364	85.8	1633	102	24.1	25	265	62.5	--	--	367	86.6	182	49.6
Long Reach	2012	274	197	71.9	1505	52	19.0	22	147	53.6	--	--	199	72.6	68	34.2
	2013	278	187	67.3	1568	84	30.2	22	120	43.2	17	6.1	204	73.4	81	39.7
Marriotts Ridge	2012	333	284	85.3	1693	82	24.6	24	209	62.8	--	--	291	87.4	163	56.0
	2013	296	265	89.5	1747	97	32.8	24	176	59.5	--	--	273	92.2	182	66.7
Mt. Hebron	2012	320	279	87.2	1703	56	17.5	25	225	70.3	--	--	281	87.8	165	58.7
	2013	358	309	86.3	1693	83	23.2	25	230	64.2	--	--	313	87.4	181	57.8
Oakland Mills	2012	247	173	70.0	1530	39	15.8	20	141	57.1	--	--	180	72.9	57	31.7
	2013	276	181	65.6	1522	75	27.2	21	121	43.8	15	5.4	196	71.0	72	36.7
Reservoir	2012	366	286	78.1	1559	85	23.2	23	205	56.0	--	--	290	79.2	116	40.0
	2013	386	286	74.1	1596	75	19.4	23	215	55.7	--	--	290	75.1	130	44.8
River Hill	2012	333	296	88.9	1781	66	19.8	27	235	70.6	--	--	301	90.4	198	65.8
	2013	357	330	92.4	1822	93	26.1	28	242	67.8	--	--	335	93.8	244	72.8
Wilde Lake	2012	305	223	73.1	1596	38	12.5	23	188	61.6	--	--	226	74.1	111	49.1
	2013	281	206	73.3	1629	33	11.7	23	178	63.3	--	--	211	75.1	102	48.3

Note. Results are not reported (--) for groups with fewer than ten graduates. Percentage rates that are greater than or equal to 95% or less than or equal to 5% will be reported as ≥95 or ≤5 respectively and numerator will be reported as * to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. Graduates enrolled in Special Schools are included with all students. SAT and ACT scores are based on the highest score obtained in one test administration.