



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

**TITLE:** HCPSS Results of the SAT and ACT Tests for the Graduating Class of 2014    **DATE:** October 23, 2014

**PRESENTER(S):** \_\_\_\_\_

**VISION 2018 GOAL:**     Students     Staff     Families and Community     Organization

**OVERVIEW:**

This report provides data on the performance of the graduating class of 2014 on the SAT and ACT tests, for the Howard County Public School System (HCPSS), the state of Maryland, and the nation.

HCPSS continues to outperform the state and nation on the SAT for the graduating class of 2014. Among graduating HCPSS’ seniors, 83.4 percent took the SAT. The average SAT score for HCPSS’ graduates in the Class of 2014 was 1657 points, 219 points greater than the average for all Maryland public schools (1438 points) and 186 points greater than the average for all public schools nationwide (1471 points).

For the class of 2014, 26.9 percent of HCPSS graduates took the ACT, an increase of almost 2 percentage points compared to the 2013 graduating class. The HCPSS’ average ACT composite score continues to be higher than the national and state averages. The average ACT composite score in 2014 was 24.6 in the HCPSS, compared to 21.0 nationally and 22.6 in Maryland.

Information by school and student group is included in the appendices.

**RECOMMENDATION/FUTURE DIRECTION:**

Systemic strategies have traditionally focused more on the SAT than the ACT. As both measures are recognized indicators of college readiness, targeted ACT preparation programs should be considered for implementation. Targeted, intentional efforts must be implemented to identify the factors that contribute to the observed SAT/ACT performance gaps between student groups. When these factors become more apparent, locally-relevant strategies to eliminate those gaps can then be developed for integration into the school improvement process.

**SUBMITTED BY:** \_\_\_\_\_  
E. Grace Chesney  
Chief Accountability Officer

**APPROVAL/CONCURRENCE:** \_\_\_\_\_  
Renee A. Foose Ed.D.  
Superintendent

\_\_\_\_\_  
Linda T. Wise  
Deputy Superintendent

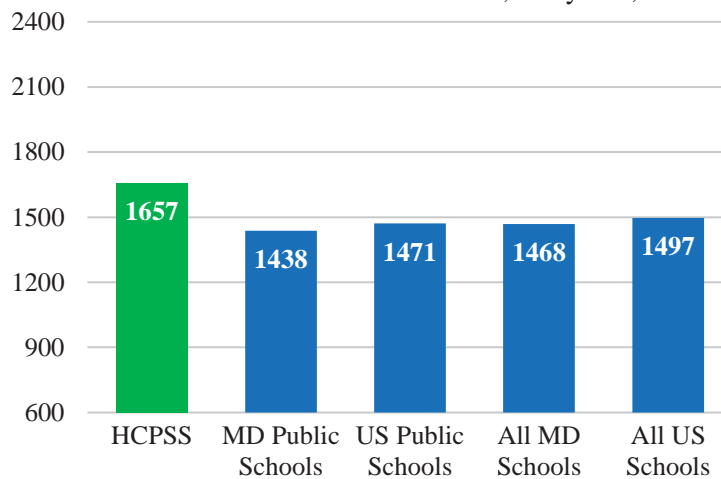
\_\_\_\_\_  
Susan C. Mascaro  
Chief of Staff

This report provides data on the performance of the graduating class of 2014 on the SAT and ACT tests, for the Howard County Public School System (HCPSS), the state of Maryland, and the nation. The HCPSS continues to outperform the state and the nation on both the SAT and ACT tests. In addition, HCPSS’s graduating class of 2014’s average SAT combined score (1657), as well as its average ACT composite score (24.6) both exceed the benchmark for college and career readiness. Information by school and student group is included in the appendices. The report concludes with a discussion of next steps.

## SAT Results

HCPSS continues to outperform the state and nation on the SAT for the graduating class of 2014. Among graduating HCPSS’ seniors, 83.4 percent took the SAT. The average SAT score for HCPSS’ graduates in the Class of 2014 was 1657 points, 219 points greater than the average for all Maryland public schools (1438 points) and 186 points greater than the average for all public schools nationwide (1471 points) (Figure 1).

Figure 1.  
SAT Performance of 2014 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 2014 HCPSS mean SAT combined score of 1657 is 4 points greater than the mean SAT combined score of 1653 in 2013 (Table 1). An upward trend in HCPSS’ average SAT Composite score is observed from 2012 to 2014.

Table 1  
Average SAT Composite Score for HCPSS, Maryland, and the Nation, SY2012 to SY2014

Region	SY2012	SY2013	SY2014
HCPSS	1632	1653	1657
MD Public Schools	1467	1456	1438
US Public Schools	1477	1474	1471
All MD Schools	1487	1483	1468
All US Schools	1498	1498	1497

Among the SAT subtests, the HCPSS’ class of 2014’s average score was 549 for Reading, 565 for Mathematics, and 544 for Writing (Table 2).

Table 2  
Average SAT Section Scores for HCPSS, SY2013 and SY2014

Year	Reading	Mathematics	Writing
2014	549	565	544
2013	545	563	545

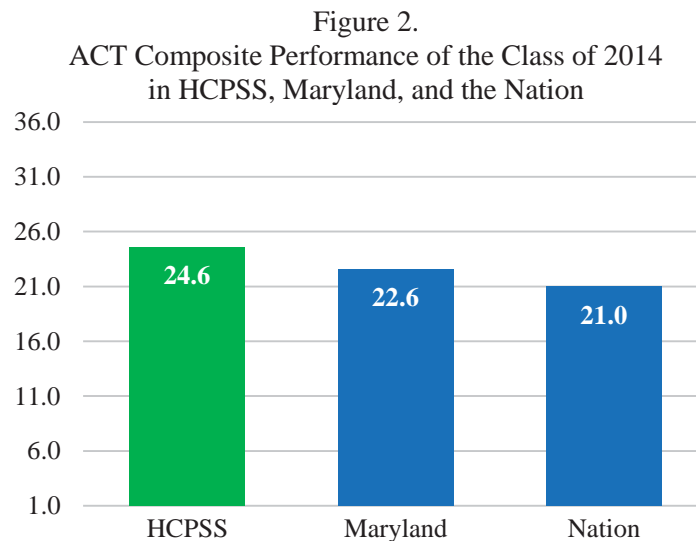
Overall, the mean SAT combined score increased from 2013 to 2014 for all student groups except for male students, students who identified as Hispanic/Latino or Two or More Races, and those receiving special education services and/or English for Speakers of Other Languages (ESOL) services. Of note, the mean SAT combined score for the 2014 Black/African American graduates was 27 points higher than that of their peers in the graduating class of 2013. Also, the mean SAT combined score for 2014 graduates who received FARMS services was 23 points higher than their peers in 2013 (Table A1).

Also of note, in 2014 half of the HCPSS' high schools mean SAT combined scores were greater than 1650, a college readiness indicator (Table A2). Tables A1 through A7 provide data on SAT participation and performance by student group and school.

## ACT Results

Each year, 1.6 million students nationally take the SAT, and an equal number takes 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 the HCPSS. Historically, most of the HCPSS' students have opted to take the SAT; however, in recent years, many HCPSS students are taking the ACT in addition to the SAT. For the class of 2014, 26.9 percent of HCPSS graduates took the ACT, an increase of almost 2 percentage points compared to the 2013 graduating class (Table B1). A small percentage of 2014 HCPSS graduates chose to take only the ACT (2.0 percent, Table C1). Student choice is driven by test type (aptitude as measured by the SAT or achievement as measured by the ACT) and admission 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 higher than the national and state averages. The average ACT composite score in 2014 was 21.0 nationally, 22.6 in Maryland, and 24.6 in the HCPSS (Figure 2).



Source: <http://act.org/newsroom/data/2014/states.html>

The HCPSS' average ACT composite score in 2014 was 24.6 points (Table 3). An upward trend in HCPSS' average ACT Composite score is observed from 2012 to 2014.

Table 3  
Average ACT Composite Score for HCPSS,  
Maryland, and the Nation SY2012 to SY2014

Region	SY2012	SY2013	SY2014
HCPSS	23.9	24.2	24.6
Maryland	22.1	22.3	22.6
Nation	21.1	20.9	21.0

Among the ACT content subtests, the HCPSS' class of 2014 average score was 24.8 for Reading, 24.8 for Mathematics, 24.2 for English, and 24.1 for Science (Table 4). All ACT content subtest scores increased from 2013 to 2014.

Table 4  
Average Content Score on ACT for HCPSS, SY2013 and SY2014

Year	Reading	Mathematics	English	Science
2014	24.8	24.8	24.2	24.1
2013	24.3	24.4	23.7	23.8

*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. 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 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 the HCPSS as well as the percentage of test takers meeting the college readiness indicator by student group and school. Students can take the SAT multiple times and select score(s) from specific test date(s) to send to their chosen institutions. Thus, students may choose to send only their highest SAT score from one test administration. For this reason, the college readiness indicators as seen in Tables C1 and C2 are based on the highest SAT or ACT score in one test administration.

Of the 2014 HCPSS' high school graduates who took the SAT and/or the ACT, 55.8 percent was deemed college-ready according to the SAT/ACT indicator. The percentage of Black/African American graduates who met SAT/ACT college readiness criteria increased by 5.6 percentage points from 21.0 percent in 2013 to 26.7 percent in 2014. Table C2 shows variation in college readiness between schools. In total, 8 of the 12 HCPSS' high schools met college readiness criteria either by the SAT and/or the ACT test. Of them, 6 high schools actually met college readiness criteria for both SAT *and* ACT score averages.

Variation exists among student groups in meeting college readiness criteria ( $\geq 1650$  on the SAT;  $\geq 24$  on the ACT). While 55.8 percent of test takers overall met at least one college readiness indicator, only 26.7 percent of Black/African American and 32.5 percent of Hispanic/Latino students did so; compared to 70.6 percent of Asian and 64.4 percent of White students who took either test. As for students receiving special services, only 21.6 percent of the test takers who received FARMS met SAT/ACT college readiness criteria, compared to 60.2 percent of non-FARMS students.

## Conclusion and Next Steps

Students in the HCPSS continue to perform at high levels on the SAT and ACT compared to the state and the nation, with county average scores on both tests exceeding college readiness benchmarks. Despite the strong overall scores, performance gaps exist between student groups, with lower scores observed for Black/African American and Hispanic/Latino students, as well as for students receiving special services (FARMS and special education), compared to their peers.

Currently, many supports and strategies are in place to support all students in becoming college-ready as measured by 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 recognized indicators of college readiness, targeted ACT preparation programs should be considered for implementation. Targeted, intentional efforts must be implemented to identify the factors that contribute to the observed SAT/ACT performance gaps between student groups. 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 through 2014 by Gender, Race/Ethnicity and Special Service Group:  
 Most Recent Administration

Student Group	N Graduates <sup>a</sup>			n Took SAT			% Took SAT			Mean SAT Reading			Mean SAT Math			Mean SAT Writing			Mean SAT Composite		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
All students	3856	4098	3870	3113	3292	3226	80.7	80.3	83.4	537	545	549	557	563	565	538	545	544	1632	1653	1657
Male	1991	2107	1960	1545	1635	1597	77.6	77.6	81.5	539	547	546	575	581	581	529	538	533	1643	1666	1660
Female	1865	1991	1910	1568	1657	1629	84.1	83.2	85.3	534	544	551	540	545	549	547	552	555	1621	1641	1655
Asian	577	640	613	523	592	566	90.6	92.5	92.3	556	570	571	620	621	621	580	579	585	1755	1770	1776
Black/African American	783	756	756	559	544	559	71.4	72.0	73.9	465	475	488	458	469	478	465	469	475	1388	1414	1441
Hispanic/Latino	271	291	290	182	184	206	67.2	63.2	71.0	495	512	504	511	517	514	505	514	496	1510	1542	1514
White	2005	2154	1976	1676	1777	1705	83.6	82.5	86.3	558	563	568	576	578	582	552	561	560	1685	1701	1710
Two or More Races	204	243	220	164	186	179	80.4	76.5	81.4	550	544	541	561	553	554	546	541	533	1657	1639	1628
Non-FARMS	3340	3520	3300	2804	2946	2867	84.0	83.7	86.9	547	556	559	569	573	576	548	556	554	1663	1685	1689
FARMS	516	578	570	309	346	359	59.9	59.9	63.0	444	452	466	454	473	474	449	455	463	1346	1380	1403
Special Education	179	213	176	55	52	56	30.7	24.4	31.8	448	424	424	445	442	434	435	428	392	1327	1293	1250
ESOL	54	38	23	28	21	9	51.9	55.3	39.1	324	318	304	471	395	341	369	344	300	1164	1057	946

*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

<sup>a</sup>N 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 through 2014 by High School:  
 Most Recent Administration

High School	N Graduates <sup>a</sup>			n Took SAT			% Took SAT			Mean SAT Reading			Mean SAT Math			Mean SAT Writing			Mean SAT Composite		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
All Schools	3856	4098	3870	3113	3292	3226	80.7	80.3	83.4	537	545	549	557	563	565	538	545	544	1632	1653	1657
Atholton	345	382	361	301	328	326	87.2	85.9	90.3	555	565	568	582	584	582	560	566	564	1696	1715	1714
Centennial	325	394	352	296	341	332	91.1	86.5	94.3	575	584	587	603	611	613	576	578	588	1754	1772	1789
Glenelg	283	314	292	228	252	248	80.6	80.3	84.9	543	533	557	577	562	573	549	540	549	1669	1635	1679
Hammond	297	323	303	218	243	234	73.4	75.2	77.2	495	499	501	497	489	503	484	490	494	1476	1478	1498
Howard	377	424	399	331	364	352	87.8	85.8	88.2	527	531	532	544	552	544	531	533	527	1602	1616	1603
Long Reach	274	278	303	197	187	220	71.9	67.3	72.6	491	514	522	503	525	533	494	515	511	1488	1553	1566
Marriotts Ridge	333	296	333	284	265	298	85.3	89.5	89.5	552	567	568	577	592	595	546	572	574	1675	1732	1737
Mt. Hebron	320	358	333	279	309	291	87.2	86.3	87.4	550	545	550	583	585	578	549	548	553	1682	1677	1681
Oakland Mills	247	276	262	173	181	180	70.0	65.6	68.7	503	502	517	511	507	516	499	498	501	1513	1507	1534
Reservoir	366	386	317	286	286	243	78.1	74.1	76.7	509	523	531	521	528	540	516	522	522	1546	1573	1593
River Hill	333	357	315	296	330	288	88.9	92.4	91.4	574	593	590	604	613	613	583	593	584	1761	1799	1787
Wilde Lake	305	281	280	223	206	213	73.1	73.3	76.1	527	540	519	532	538	534	521	532	512	1579	1611	1565

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

<sup>a</sup>N Graduates is based on the end of year attendance file and includes only diploma graduates

Table A3  
SAT Participation for the HCPSS Class of 2014 by High School and Race/Ethnicity

High School	Asian			Black/African American			Hispanic/Latino			White			Multi-racial		
	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 Schools	613	566	92.3	756	559	73.9	290	206	71.0	1976	1705	86.3	220	179	81.4
Atholton	64	60	93.8	72	58	80.6	16	*	≥95.0	187	174	93.0	19	16	84.2
Centennial	125	*	≥95.0	19	18	94.7	19	*	≥95.0	175	163	93.1	14	13	92.9
Glenelg	15	14	93.3	11	*	≥95.0	10	8	80.0	243	204	84.0	13	11	84.6
Hammond	29	24	82.8	93	69	74.2	34	26	76.5	123	100	81.3	24	15	62.5
Howard	34	32	94.1	68	58	85.3	23	16	69.6	234	209	89.3	36	33	91.7
Long Reach	48	42	87.5	89	63	70.8	33	20	60.6	109	80	73.4	22	15	68.2
Marriotts Ridge	70	*	≥95.0	20	*	≥95.0	--	--	--	221	191	86.4	11	*	≥95.0
Mt. Hebron	88	80	90.9	43	36	83.7	19	14	73.7	164	144	87.8	16	15	93.8
Oakland Mills	14	9	64.3	105	66	62.9	44	21	47.7	87	73	83.9	12	11	91.7
Reservoir	26	24	92.3	89	61	68.5	40	30	75.0	148	119	80.4	14	9	64.3
River Hill	80	*	≥95.0	32	26	81.3	12	11	91.7	178	163	91.6	13	11	84.6
Wilde Lake	20	18	90.0	104	73	70.2	29	19	65.5	101	84	83.2	26	19	73.1

*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 2014 by High School, Gender, and Special Service Group

High Schools	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 Schools	1960	1597	81.5	1910	1629	85.3	570	359	63.0	176	56	31.8	23	9	39.1
Atholton	186	167	89.8	175	159	90.9	23	15	65.2	13	5	38.5	--	--	--
Centennial	174	160	92.0	178	*	≥95.0	28	26	92.9	--	--	--	--	--	--
Glenelg	155	127	81.9	137	121	88.3	--	--	--	14	4	28.6	--	--	--
Hammond	145	106	73.1	158	128	81.0	71	46	64.8	13	5	38.5	--	--	--
Howard	200	171	85.5	199	181	91.0	37	27	73.0	16	7	43.8	--	--	--
Long Reach	155	109	70.3	148	111	75.0	95	53	55.8	15	2	13.3	--	--	--
Marriotts Ridge	174	156	89.7	159	142	89.3	--	--	--	13	6	46.2	--	--	--
Mt. Hebron	151	126	83.4	182	165	90.7	37	29	78.4	--	--	--	--	--	--
Oakland Mills	130	82	63.1	132	98	74.2	83	45	54.2	17	6	35.3	--	--	--
Reservoir	181	138	76.2	136	105	77.2	76	45	59.2	22	4	18.2	--	--	--
River Hill	162	150	92.6	153	138	90.2	--	--	--	12	7	58.3	--	--	--
Wilde Lake	135	105	77.8	145	108	74.5	85	53	62.4	19	7	36.8	--	--	--

*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 2014 by High School and Race/Ethnicity:  
 Most Recent Administration

High School	Asian			Black/African American			Hispanic/Latino			White			Two or More Races		
	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing
All Schools	571	621	585	488	478	475	504	514	496	568	582	560	541	554	533
Atholton	587	625	598	517	506	509	551	561	531	582	598	576	547	531	539
Centennial	595	645	609	512	493	504	571	568	541	591	610	589	592	598	565
Glenelg	616	656	634	501	495	486	489	504	508	558	573	545	555	611	595
Hammond	463	523	490	453	447	447	474	482	469	548	545	535	511	491	482
Howard	509	555	520	497	471	490	531	544	506	545	560	538	536	561	536
Long Reach	523	562	521	479	482	471	473	494	476	560	559	535	559	579	561
Marriotts Ridge	571	642	603	516	526	498	--	--	--	574	589	574	555	557	548
Mt. Hebron	563	620	579	534	512	520	486	513	516	560	585	556	483	513	495
Oakland Mills	487	536	499	461	444	438	503	508	498	574	576	558	522	538	517
Reservoir	585	613	584	498	473	480	479	482	460	546	570	545	577	588	546
River Hill	621	663	633	547	544	518	542	535	522	589	607	578	548	577	528
Wilde Lake	528	596	538	453	463	442	466	488	479	582	592	575	542	535	508

*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  $\geq 95$  or  $\leq 5$  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 2014 by High School, Gender, and Special Service Group:  
Most Recent Administration

High School	Male			Female			FARMS			Special Education			ESOL		
	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing
All Schools	546	581	533	551	549	555	466	474	463	424	434	392	304	341	300
Atholton	562	591	549	574	572	579	510	478	485	450	436	380	--	--	--
Centennial	586	631	580	588	598	596	503	540	523	--	--	--	--	--	--
Glenelg	558	596	541	555	550	557	--	--	--	428	430	373	--	--	--
Hammond	491	511	480	509	497	505	431	435	429	372	348	366	--	--	--
Howard	534	566	516	530	524	536	477	475	463	427	439	379	--	--	--
Long Reach	511	545	498	532	522	523	461	478	463	425	395	310	--	--	--
Marriotts Ridge	556	602	557	582	587	592	--	--	--	435	515	458	--	--	--
Mt. Hebron	554	613	544	547	551	559	490	540	498	--	--	--	--	--	--
Oakland Mills	521	533	490	513	501	511	464	466	462	372	407	353	--	--	--
Reservoir	529	559	520	533	515	525	479	454	471	375	373	345	--	--	--
River Hill	591	632	576	590	591	592	--	--	--	489	469	447	--	--	--
Wilde Lake	504	534	488	534	533	535	443	461	434	443	440	410	--	--	--

*Note.* Results are not reported (--) for groups with fewer than ten graduates. 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 2014 by High School, Race/Ethnicity, Gender, and Special Service Group:  
 Most Recent Administration

High School	All	Race/Ethnicity					Gender		Special Services		
		Asian	Black/ African Am.	Hispanic/ Latino	White	Multi- racial	Male	Female	FARMS	Special Education	ESOL
All Schools	1657	1776	1441	1514	1710	1628	1660	1655	1403	1250	946
Atholton	1714	1810	1532	1642	1756	1618	1703	1726	1473	1266	--
Centennial	1789	1849	1509	1679	1790	1755	1796	1782	1567	--	--
Glenelg	1679	1907	1482	1500	1676	1762	1695	1662	--	1230	--
Hammond	1498	1475	1348	1425	1628	1484	1482	1511	1295	1086	--
Howard	1603	1584	1459	1581	1644	1633	1616	1590	1414	1244	--
Long Reach	1566	1606	1432	1442	1655	1700	1554	1576	1401	1130	--
Marriotts Ridge	1737	1815	1540	--	1737	1660	1715	1762	--	1408	--
Mt. Hebron	1681	1762	1566	1516	1701	1491	1711	1657	1529	--	--
Oakland Mills	1534	1521	1343	1509	1708	1577	1545	1525	1392	1132	--
Reservoir	1593	1782	1451	1420	1662	1710	1608	1573	1404	1093	--
River Hill	1787	1916	1609	1598	1775	1654	1800	1772	--	1404	--
Wilde Lake	1565	1662	1358	1434	1748	1585	1527	1602	1338	1293	--

*Note.* Results are not reported (--) for groups with fewer than ten graduates. 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.

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 through 2014 by Gender, Race/Ethnicity, and Special Service Group:  
 Most Recent Administration

Student Group	N Graduates <sup>a</sup>			n Took ACT			% Took ACT			Mean ACT Reading			Mean ACT Math			Mean ACT English			Mean ACT Science			Mean ACT Composite		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
All Students	3856	4098	3870	815	1032	1040	21.1	25.2	26.9	23.9	24.3	24.8	24.2	24.4	24.8	23.5	23.7	24.2	23.5	23.8	24.1	23.9	24.2	24.6
Male	1991	2107	1960	367	461	491	18.4	21.9	25.1	23.5	24.0	24.8	24.8	25.1	25.8	22.6	22.9	24.1	23.9	24.3	24.9	23.8	24.2	25.0
Female	1865	1991	1910	448	571	549	24.0	28.7	28.7	24.2	24.5	24.9	23.8	23.8	24.0	24.2	24.4	24.4	23.2	23.4	23.4	24.0	24.2	24.3
Asian	577	640	613	107	124	130	18.5	19.4	21.2	26.8	26.5	26.1	28.6	27.8	28.1	27.1	26.2	27.1	26.2	26.4	26.4	27.3	26.8	27.0
Black/African American	783	756	756	154	182	176	19.7	24.1	23.3	18.6	20.2	21.8	19.2	20.0	20.6	18.3	19.1	20.2	18.6	19.4	20.3	18.8	19.8	20.9
Hispanic/Latino	271	291	290	35	46	48	12.9	15.8	16.6	22.5	23.0	21.9	23.1	23.5	21.6	21.6	22.3	21.2	22.2	23.5	21.4	22.5	23.2	21.6
White	2005	2154	1976	483	623	624	24.1	28.9	31.6	25.0	25.2	25.8	24.9	25.2	25.6	24.5	24.8	25.0	24.5	24.7	25.0	24.9	25.1	25.5
Two or More Races	204	243	220	33	56	57	16.2	23.0	25.9	24.5	23.0	23.3	24.7	22.9	23.8	24.2	22.0	23.6	23.8	22.5	23.5	24.4	22.7	23.7
Non-FARMS	3340	3520	3300	754	950	955	22.6	27.0	28.9	24.3	24.7	25.1	24.6	24.8	25.2	24.0	24.2	24.6	23.9	24.2	24.4	24.3	24.6	25.0
FARMS	516	578	570	61	82	85	11.8	14.2	14.9	18.0	19.1	21.5	19.9	20.1	20.9	17.4	18.3	19.8	18.3	19.3	20.9	18.5	19.3	20.9
Special Education	179	213	176	12	22	19	6.7	10.3	10.8	17.9	17.9	15.3	17.3	19.8	17.3	16.8	16.0	15.2	17.5	18.9	15.3	17.4	18.3	15.8
ESOL	54	38	23	3	3	*	5.6	7.9	≤5.0	13.0	11.3		22.7	18.7		12.7	12.0		17.0	13.7		16.3	14.0	

*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 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

<sup>a</sup>N 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 through 2014 by High School:  
 Most Recent Administration

High School	N Graduates <sup>a</sup>			n Took ACT			% Took ACT			Mean ACT Reading			Mean ACT Math			Mean ACT English			Mean ACT Science			Mean ACT Composite			
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014	
All Schools	3856	4098	3870	815	1032	1040	21.1	25.2	26.9	24	24	25	24	24	25	24	24	24	23	24	24	24	24	24	25
Atholton	345	382	361	90	104	100	26.1	27.2	27.7	24	26	25	25	25	25	24	25	25	24	24	25	24	25	25	25
Centennial	325	394	352	68	76	102	20.9	19.3	29.0	27	27	27	28	28	28	27	26	27	26	26	27	27	27	27	27
Glenelg	283	314	292	110	144	146	38.9	45.9	50.0	24	25	25	25	25	25	24	24	25	24	24	24	24	25	25	25
Hammond	297	323	303	51	65	54	17.2	20.1	17.8	20	22	23	22	21	23	20	21	22	21	22	22	21	21	23	23
Howard	377	424	399	78	102	100	20.7	24.1	25.1	23	25	23	23	25	24	23	24	23	23	24	23	23	25	24	24
Long Reach	274	278	303	52	84	70	19.0	30.2	23.1	22	22	23	23	22	23	21	21	22	22	21	23	22	22	23	23
Marriotts Ridge	333	296	333	82	97	99	24.6	32.8	29.7	24	24	26	24	25	27	24	24	26	24	24	26	24	24	26	26
Mt. Hebron	320	358	333	56	83	72	17.5	23.2	21.6	25	24	25	26	25	25	25	24	24	26	24	24	25	24	25	25
Oakland Mills	247	276	262	39	75	58	15.8	27.2	22.1	20	22	24	21	22	22	19	20	21	20	21	22	20	21	22	22
Reservoir	366	386	317	85	75	84	23.2	19.4	26.5	23	24	24	23	22	24	22	23	23	23	22	23	23	23	24	24
River Hill	333	357	315	66	93	98	19.8	26.1	31.1	27	28	26	27	27	26	27	28	27	26	27	26	27	27	26	26
Wilde Lake	305	281	280	38	33	54	12.5	11.7	19.3	23	23	22	22	22	23	23	22	22	22	22	22	23	23	22	22

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

<sup>a</sup>N 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, 2014:  
 Administration with Highest Composite

	Year	N Graduates	Highest SAT Comp			Highest ACT Comp			n Took				% Took			
			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	*	≤5.0	3165	82.1	1635	51.7
	2013	4098	3292	80.3	1672	1032	25.2	24	2350	57.3	*	≤5.0	3382	82.5	1855	54.8
	2014	3870	3226	83.4	1674	1040	26.9	25	2263	58.5	*	≤5.0	3303	85.3	1844	55.8
Male	2012	1991	1545	77.6	1660	367	18.4	24	1200	60.3	*	≤5.0	1567	78.7	831	53.0
	2013	2107	1635	77.6	1683	461	21.9	24	1217	57.8	*	≤5.0	1678	79.6	950	56.6
	2014	1960	1597	81.5	1677	491	25.1	25	1142	58.3	*	≤5.0	1633	83.3	911	55.8
Female	2012	1865	1568	84.1	1640	448	24.0	24	1150	61.7	*	≤5.0	1598	85.7	804	50.3
	2013	1991	1657	83.2	1661	571	28.7	24	1133	56.9	*	≤5.0	1704	85.6	905	53.1
	2014	1910	1629	85.3	1672	549	28.7	24	1121	58.7	*	≤5.0	1670	87.4	933	55.9
Asian	2012	577	523	90.6	1780	107	18.5	27	417	72.3	*	≤5.0	524	90.8	339	64.7
	2013	640	592	92.5	1790	124	19.4	27	472	73.7	*	≤5.0	596	93.1	406	68.1
	2014	613	566	92.3	1793	130	21.2	27	442	72.1	*	≤5.0	572	93.3	404	70.6
Black/ African American	2012	783	559	71.4	1408	154	19.7	19	421	53.8	*	≤5.0	575	73.4	117	20.3
	2013	756	544	72.0	1432	182	24.1	20	389	51.5	*	≤5.0	571	75.5	120	21.0
	2014	756	559	73.9	1461	176	23.3	21	413	54.6	*	≤5.0	589	77.9	157	26.7
Hispanic/ Latino	2012	271	182	67.2	1524	35	12.9	22	150	55.4	*	≤5.0	185	68.3	64	34.6
	2013	291	184	63.2	1563	46	15.8	23	143	49.1	*	≤5.0	189	64.9	72	38.1
	2014	290	206	71.0	1534	48	16.6	22	161	55.5	*	≤5.0	209	72.1	68	32.5
White	2012	2005	1676	83.6	1701	483	24.1	25	1224	61.0	*	≤5.0	1707	85.1	1025	60.0
	2013	2154	1777	82.5	1720	623	28.9	25	1201	55.8	*	≤5.0	1824	84.7	1161	63.7
	2014	1976	1705	86.3	1725	624	31.6	26	1113	56.3	*	≤5.0	1737	87.9	1119	64.4
Two or More Races	2012	204	164	80.4	1674	33	16.2	24	132	64.7	*	≤5.0	165	80.9	85	51.5
	2013	243	186	76.5	1656	56	23.0	23	137	56.4	*	≤5.0	193	79.4	93	48.2
	2014	220	179	81.4	1643	57	25.9	24	128	58.2	*	≤5.0	185	84.1	89	48.1
Non-FARMS	2012	3340	2804	84.0	1681	754	22.6	24	2098	62.8	*	≤5.0	2852	85.4	1582	55.5
	2013	3520	2946	83.7	1705	950	27.0	25	2073	58.9	*	≤5.0	3023	85.9	1788	59.1
	2014	3300	2867	86.9	1707	955	28.9	25	1977	59.9	*	≤5.0	2932	88.8	1764	60.2
FARMS	2012	516	309	59.9	1369	61	11.8	19	252	48.8	*	≤5.0	313	60.7	53	16.9
	2013	578	346	59.9	1395	82	14.2	19	277	47.9	*	≤5.0	359	62.1	67	18.7
	2014	570	359	63.0	1415	85	14.9	21	286	50.2	*	≤5.0	371	65.1	80	21.6
Special Education	2012	179	55	30.7	1349	12	6.7	18	48	26.8	*	≤5.0	60	33.5	10	16.7
	2013	213	52	24.4	1314	22	10.3	18	40	18.8	*	≤5.0	62	29.1	13	21.0
	2014	176	56	31.8	1263	19	10.8	16	46	26.1	9	5.1	65	36.9	5	7.7
ESOL	2012	54	28	51.9	1183	3	5.6	16	26	48.1	*	≤5.0	29	53.7	2	6.9
	2013	38	21	55.3	1088	3	7.9	14	19	50.0	*	≤5.0	22	57.9	2	9.1
	2014	23	9	39.1	956	*	≤5.0	*	9	39.1	*	≤5.0	9	39.1	*	≤5.0

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 to protect student confidentiality. Results for American Indian and Pacific Islander students are included with all students but are not reported separately. 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, 2014:  
 Administration with Highest Composite

High School	Year	N Graduates	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 Schools	2012	3856	3113	80.7	1650	815	21.1	24	2350	60.9	*	≤5.0	3165	82.1	1635	51.7
	2013	4098	3292	80.3	1672	1032	25.2	24	2350	57.3	*	≤5.0	3382	82.5	1855	54.8
	2014	3870	3226	83.4	1674	1040	26.9	25	2263	58.5	*	≤5.0	3303	85.3	1844	55.8
Atholton	2012	345	301	87.2	1716	90	26.1	24	219	63.5	*	≤5.0	309	89.6	182	58.9
	2013	382	328	85.9	1738	104	27.2	25	238	62.3	*	≤5.0	342	89.5	221	64.6
	2014	361	326	90.3	1730	100	27.7	25	233	64.5	*	≤5.0	333	92.2	213	64.0
Centennial	2012	325	296	91.1	1774	68	20.9	27	231	71.1	*	≤5.0	299	92.0	206	68.9
	2013	394	341	86.5	1790	76	19.3	27	271	68.8	*	≤5.0	347	88.1	238	68.6
	2014	352	332	94.3	1804	102	29.0	28	235	66.8	*	≤5.0	337	95.7	245	72.7
Glenelg	2012	283	228	80.6	1689	110	38.9	24	126	44.5	*	≤5.0	236	83.4	137	58.1
	2013	314	252	80.3	1657	144	45.9	25	113	36.0	*	≤5.0	257	81.8	146	56.8
	2014	292	248	84.9	1695	146	50.0	25	104	35.6	*	≤5.0	250	85.6	157	62.8
Hammond	2012	297	218	73.4	1494	51	17.2	21	168	56.6	*	≤5.0	219	73.7	72	32.9
	2013	323	243	75.2	1498	65	20.1	21	181	56.0	*	≤5.0	246	76.2	76	30.9
	2014	303	234	77.2	1517	54	17.8	23	186	61.4	*	≤5.0	240	79.2	83	34.6
Howard	2012	377	331	87.8	1618	78	20.7	23	255	67.6	*	≤5.0	333	88.3	160	48.0
	2013	424	364	85.8	1633	102	24.1	25	265	62.5	*	≤5.0	367	86.6	182	49.6
	2014	399	352	88.2	1622	100	25.1	24	255	63.9	*	≤5.0	355	89.0	167	47.0
Long Reach	2012	274	197	71.9	1505	52	19.0	22	147	53.6	*	≤5.0	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
	2014	303	220	72.6	1578	70	23.1	23	160	52.8	*	≤5.0	230	75.9	97	42.2
Marriotts Ridge	2012	333	284	85.3	1693	82	24.6	24	209	62.8	*	≤5.0	291	87.4	163	56.0
	2013	296	265	89.5	1747	97	32.8	24	176	59.5	*	≤5.0	273	92.2	182	66.7
	2014	333	298	89.5	1749	99	29.7	26	207	62.2	*	≤5.0	306	91.9	199	65.0
Mt. Hebron	2012	320	279	87.2	1703	56	17.5	25	225	70.3	*	≤5.0	281	87.8	165	58.7
	2013	358	309	86.3	1693	83	23.2	25	230	64.2	*	≤5.0	313	87.4	181	57.8
	2014	333	291	87.4	1702	72	21.6	25	220	66.1	*	≤5.0	292	87.7	180	61.6
Oakland Mills	2012	247	173	70.0	1530	39	15.8	20	141	57.1	*	≤5.0	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
	2014	262	180	68.7	1552	58	22.1	22	131	50.0	*	≤5.0	189	72.1	70	37.0
Reservoir	2012	366	286	78.1	1559	85	23.2	23	205	56.0	*	≤5.0	290	79.2	116	40.0
	2013	386	286	74.1	1596	75	19.4	23	215	55.7	*	≤5.0	290	75.1	130	44.8
	2014	317	243	76.7	1619	84	26.5	24	165	52.1	*	≤5.0	249	78.5	123	49.4
River Hill	2012	333	296	88.9	1781	66	19.8	27	235	70.6	*	≤5.0	301	90.4	198	65.8
	2013	357	330	92.4	1822	93	26.1	28	242	67.8	*	≤5.0	335	93.8	244	72.8
	2014	315	288	91.4	1802	98	31.1	27	199	63.2	*	≤5.0	297	94.3	219	73.7
Wilde Lake	2012	305	223	73.1	1596	38	12.5	23	188	61.6	*	≤5.0	226	74.1	111	49.1
	2013	281	206	73.3	1629	33	11.7	23	178	63.3	*	≤5.0	211	75.1	102	48.3
	2014	280	213	76.1	1577	54	19.3	22	167	59.6	*	≤5.0	221	78.9	91	41.2

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.