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INFORMATION

Office of Shared Accountability
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

September 3, 2013

MEMORANDUM

To: High School Principals

From: Geoffrey T. Sanderson, Associate Superintendent *GS*

Subject: INFORMATION: ACT Participation and Performance for Montgomery County Public Schools Students

The Montgomery County Public Schools (MCPS) Class of 2013 consistently outperformed graduates across Maryland and the nation on all sections of the ACT, according to the ACT, Inc. annual report released Wednesday, August 21, 2013.

In 2013, 29 percent of MCPS graduates took the ACT exam. According to the ACT, Inc. report, ACT participation among MCPS students has steadily increased over the past five years, from 2,602 in 2009 to 3,146 in 2013. Participation by Black or African American students rose from 488 students in 2009 to 609 students in 2013; while Hispanic/Latino students saw an increase in participation from 258 students in 2009 to 415 students in 2013.

Similarly, MCPS graduates outscored their state and national peers in each of the four subject areas: English, mathematics, reading, and science (Table 1).

Table 1
Class of 2013 ACT Mean Subtest and Composite Scores for
MCPS, Maryland, and the Nation

ACT Subtest	MCPS	Maryland	Nation
Composite	23.4	22.3	20.9
English	23.0	21.8	20.2
Mathematics	23.4	22.3	20.9
Reading	23.7	22.7	21.1
Science	23.1	21.9	20.7

Note. Results for MCPS are based on MCPS-verified records and may differ slightly from ACT records.

The average composite score for MCPS graduates was slightly higher in 2013 compared to 2009 (23.4 and 23.2, respectively). The average composite score for graduates in Maryland also saw a

slight increase during the same time frame (22.1 in 2009 compared to 22.3 in 2013) and across the nation there was a slight decrease from 21.1 in 2009 to 20.9 in 2013.

Table 2
Average Composite Scores for MCPS, Maryland, and the Nation,
2009 Through 2013

Year	MCPS	Maryland	Nation
2009	23.2	22.1	21.1
2010	23.3	22.3	21.0
2011	23.2	22.1	21.1
2012	23.2	22.1	21.1
2013	23.4	22.3	20.9

Note. Results for 2013 MCPS are based on MCPS-verified records and may differ slightly from ACT records.

Benchmark scores established by ACT, Inc. indicate a students' readiness for college-level coursework in English composition, algebra, social science, and biology. Results from the ACT, Inc. report revealed that among MCPS graduates who took the ACT, 77 percent were deemed ready for college English composition, compared with 73 percent statewide; 62 percent were ready for college algebra, compared with 54 percent statewide; 60 percent were ready for college social science, compared with 54 percent statewide; and 53 percent were ready for college biology, compared with 45 percent statewide. In 2013, 45 percent of MCPS graduates who took the ACT tested college ready in all four subject areas, compared with 36 percent and 26 percent, respectively, of graduates across Maryland and the nation.

The attached tables provide data on ACT participation and performance for the graduates in the Class of 2013 by student groups and by high schools. The results are based on MCPS-verified records and may differ slightly from data report by ACT.

If you have questions about ACT participation and performance, please contact Dr. Kecia L. Addison, supervisor, applied research, Office of Shared Accountability, at 301-279-3194. You may find additional information about the ACT and college readiness at <http://www.act.org>.

GTS:kla

Attachment

Copy to:

Executive Staff

Dr. Addison

Mrs. Collins

Ms. Dawson

High School Administrative Secretaries

Ms. Liu

Ms. Powell

Dr. Steinberg

Dr. Mugge

Mr. Prouty

Approved:


Kimberly A. Statham, Deputy Superintendent of Teaching, Learning, and Programs

Table A1
ACT Participation and Most Recent Mean ACT Composite Scores for the MCPS Classes of 2011–2013 by Student Group

Student Group	N Graduates			N Took ACT			% Took ACT			Composite Score		
	2011	2012	2013	2011	2012	2013	2011	2012	2013	2011	2012	2013
MCPS	10,158	10,322	10,448	2,976	3,094	3,065	29.3	30.0	29.3	23	23	23
Male	5,049	5,145	5,251	1,337	1,386	1,362	26.5	26.9	25.9	24	23	24
Female	5,109	5,177	5,197	1,639	1,708	1,703	32.1	33.0	32.8	23	23	23
Asian	1,508	1,564	1,549	332	373	352	22.0	23.8	22.7	26	25	26
Black or African American	2,228	2,248	2,231	640	718	648	28.7	31.9	29.0	18	18	18
Hispanic/Latino	2,084	2,199	2,299	398	414	390	19.1	18.8	17.0	20	20	21
White	3,986	3,962	3,907	1,498	1,485	1,532	37.6	37.5	39.2	25	26	26
Two or More Races	323	323	437	99	101	138	30.7	31.3	31.6	24	24	25
FARMS	2,114	2,303	2,427	516	565	530	24.4	24.5	21.8	18	18	19
Special Education	927	877	1,005	232	207	239	25.0	23.6	23.8	19	20	20
ESOL	279	288	272	35	44	33	12.5	15.3	12.1	16	16	16

Note. The results are based on MCPS-verified records and may differ slightly from ACT records. Mean ACT composite scores are rounded to nearest integer. Scores are based on most recent ACT test. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results for MCPS American Indian and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately.

Table A2
ACT Participation and Most Recent Mean ACT Composite Scores for the MCPS Class of 2013 by High School

High School	N Graduates	N Took ACT	% Took ACT	Composite Score
MCPS ^a	10,448	3,065	29.3	23
Bethesda-Chevy Chase	476	198	41.6	26
Blair	675	113	16.7	24
Blake	437	121	27.7	20
Churchill	503	214	42.5	27
Clarksburg	415	92	22.2	22
Damascus	329	128	38.9	22
Einstein	342	82	24.0	20
Gaithersburg	418	77	18.4	21
Walter Johnson	522	143	27.4	25
Kennedy	299	57	19.1	18
Magruder	379	82	21.6	23
Richard Montgomery	480	120	25.0	25
Northwest	550	120	21.8	22
Northwood	335	63	18.8	20
Paint Branch	429	68	15.9	21
Poolesville	311	110	35.4	26
Quince Orchard	442	166	37.6	23
Rockville	271	71	26.2	22
Seneca Valley	276	93	33.7	21
Sherwood	509	226	44.4	23
Springbrook	419	105	25.1	19
Watkins Mill	335	130	38.8	18
Wheaton	207	59	28.5	20
Whitman	462	150	32.5	28
Wootton	567	275	48.5	27

Note. The results are based on MCPS-verified records and may differ slightly from ACT records. Mean ACT composite scores are rounded to nearest integer. Scores are based on most recent ACT test.

^a Includes graduates enrolled in special schools during Grade 12.

Table A3
ACT Participation for the MCPS Class of 2013 by High School and Race/Ethnicity

High School	Asian			Black or 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
MCPS ^a	1,549	352	22.7	2,231	648	29.0	2,299	390	17.0	3,907	1,532	39.2	437	138	31.6
Bethesda-Chevy Chase	23	--	47.8	73	32	43.8	74	23	31.1	285	123	43.2	20	--	--
Blair	118	--	13.6	167	36	21.6	190	--	7.4	171	45	26.3	29	--	--
Blake	40	--	30.0	191	57	29.8	82	--	20.7	107	30	28.0	--	--	--
Churchill	107	28	26.2	29	--	41.4	38	--	42.1	306	154	50.3	23	--	--
Clarksburg	77	--	19.5	108	--	17.6	92	--	13.0	128	45	35.2	--	--	--
Damascus	--	--	--	30	--	43.3	32	--	43.8	242	90	37.2	--	--	--
Einstein	29	--	--	76	29	38.2	159	20	12.6	60	22	36.7	--	--	--
Gaithersburg	46	--	23.9	108	23	21.3	153	--	10.5	92	22	23.9	--	--	--
Walter Johnson	64	--	18.8	34	--	47.1	109	--	12.8	283	90	31.8	30	--	36.7
Kennedy	35	--	--	125	30	24.0	108	--	14.8	23	--	--	--	--	--
Magruder	64	--	15.6	84	--	20.2	100	--	--	116	41	35.3	--	--	--
Richard Montgomery	124	26	21.0	69	--	23.2	96	--	16.7	165	55	33.3	25	--	--
Northwest	111	--	12.6	135	33	24.4	96	--	13.5	178	53	29.8	27	--	--
Northwood	--	0	.0	92	20	21.7	131	--	13.0	83	21	25.3	--	--	--
Paint Branch	66	--	--	226	40	17.7	68	--	--	46	--	--	22	--	--
Poolesville	65	--	21.5	--	--	--	24	--	--	191	77	40.3	--	--	--
Quince Orchard	67	--	25.4	69	25	36.2	98	--	16.3	191	96	50.3	--	--	--
Rockville	33	--	--	33	--	33.3	75	--	--	119	41	34.5	--	--	--
Seneca Valley	34	--	29.4	76	28	36.8	67	--	22.4	84	35	41.7	--	--	--
Sherwood	54	--	33.3	70	27	38.6	58	--	31.0	300	147	49.0	23	--	65.2
Springbrook	53	--	22.6	169	58	34.3	151	20	13.2	34	--	41.2	--	--	--
Watkins Mill	45	--	24.4	130	63	48.5	93	30	32.3	59	26	44.1	--	0	.0
Wheaton	--	--	--	52	20	38.5	117	27	23.1	--	--	--	--	0	.0
Whitman	60	--	23.3	--	--	--	40	--	32.5	323	114	35.3	21	--	--
Wootton	185	62	33.5	29	--	41.4	37	--	40.5	283	172	60.8	30	--	46.7

Note. The results are based on MCPS-verified records and may differ slightly from ACT records. Results for American Indian and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as ≥ 95.0 or ≤ 5.0 , respectively, and the number of students and the number of test takers will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 students. For groups of between 10 and 20 students, only the percentage rate will be reported.

^a Includes graduates enrolled in special schools during Grade 12.

Table A4
ACT Participation for the MCPS Class of 2013 by High School, Gender, and 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
MCPS ^a	5,251	1,362	25.9	5,197	1,703	32.8	2,427	530	21.8	1,005	239	23.8	272	33	12.1
Bethesda-Chevy Chase	232	95	40.9	244	103	42.2	56	--	33.9	32	--	40.6	--	--	--
Blair	335	38	11.3	340	75	22.1	230	36	15.7	42	--	--	36	--	--
Blake	215	58	27.0	222	63	28.4	110	30	27.3	20	--	--	--	0	.0
Churchill	265	96	36.2	238	118	49.6	--	--	--	52	23	44.2	0	0	.0
Clarksburg	195	33	16.9	220	59	26.8	87	--	19.5	40	--	--	--	0	.0
Damascus	157	48	30.6	172	80	46.5	27	--	48.1	40	--	32.5	0	0	.0
Einstein	169	31	18.3	173	51	29.5	130	27	20.8	41	--	--	--	--	--
Gaithersburg	201	35	17.4	217	42	19.4	148	23	15.5	48	--	--	22	--	--
Walter Johnson	267	75	28.1	255	68	26.7	41	--	--	60	--	--	--	0	.0
Kennedy	132	--	12.9	167	40	24.0	149	37	24.8	37	--	--	--	--	--
Magruder	196	31	15.8	183	51	27.9	110	--	--	29	--	--	--	0	.0
Richard Montgomery	223	53	23.8	257	67	26.1	88	--	17.0	34	--	--	--	--	--
Northwest	276	58	21.0	274	62	22.6	125	21	16.8	62	--	19.4	0	0	.0
Northwood	165	26	15.8	170	37	21.8	136	--	14.0	55	--	20.0	--	0	.0
Paint Branch	205	21	10.2	224	47	21.0	133	--	14.3	33	--	--	--	0	.0
Poolesville	147	51	34.7	164	59	36.0	--	--	--	23	--	21.7	0	0	.0
Quince Orchard	238	83	34.9	204	83	40.7	95	28	29.5	53	--	32.1	--	0	.0
Rockville	150	33	22.0	121	38	31.4	72	--	19.4	28	--	39.3	--	0	.0
Seneca Valley	136	39	28.7	140	54	38.6	82	24	29.3	33	--	30.3	--	0	.0
Sherwood	263	105	39.9	246	121	49.2	62	20	32.3	42	21	50.0	--	--	--
Springbrook	246	56	22.8	173	49	28.3	182	39	21.4	38	--	--	--	--	--
Watkins Mill	176	53	30.1	159	77	48.4	155	63	40.6	39	--	--	--	--	--
Wheaton	112	30	26.8	95	29	30.5	123	37	30.1	--	--	--	29	--	--
Whitman	226	66	29.2	236	84	35.6	--	--	--	44	--	34.1	--	0	.0
Wootton	289	129	44.6	278	146	52.5	29	--	--	43	23	53.5	--	0	.0

Note. The results are based on MCPS-verified records and may differ slightly from ACT records. Results for American Indian and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as ≥ 95.0 or ≤ 5.0 , respectively, and the number of students and the number of test takers will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 students. For groups of between 10 and 20 students, only the percentage rate will be reported.

^a Includes graduates enrolled in special schools during Grade 12.

Table A5
Most Recent Mean ACT Composite Score for the MCPS Class of 2013 by High School and Student Group

High School	Asian	Black or African American	Hispanic/Latino	White	Two or More Races	Male	Female	FARMS	Special Education	ESOL
MCPS ^a	26	18	21	26	25	24	23	19	20	16
Bethesda-Chevy Chase	24	21	22	28	25	26	25	20	25	18
Blair	27	19	23	28	34	25	24	19	24	16
Blake	24	18	18	22	20	19	21	17	15	--
Churchill	27	21	26	28	25	28	27	16	25	--
Clarksburg	23	19	20	24	21	22	22	19	19	--
Damascus	24	17	21	22	23	20	23	19	18	--
Einstein	21	18	19	24	22	20	20	18	16	18
Gaithersburg	22	19	20	24	26	21	22	19	19	17
Walter Johnson	25	19	22	26	29	26	24	20	23	--
Kennedy	21	18	18	22	14	18	18	17	16	18
Magruder	25	18	21	25	22	24	23	21	22	--
Richard Montgomery	26	19	22	27	28	25	25	19	14	15
Northwest	25	17	20	24	23	22	22	19	15	--
Northwood	.	17	18	25	23	21	20	17	21	--
Paint Branch	25	19	18	23	23	22	20	20	20	--
Poolesville	30	24	24	25	28	27	25	20	24	--
Quince Orchard	24	20	19	25	21	23	23	19	19	--
Rockville	24	18	21	23	30	23	22	21	19	--
Seneca Valley	24	19	20	22	16	21	20	18	18	--
Sherwood	23	18	21	25	24	23	24	16	19	13
Springbrook	23	17	19	23	25	19	19	18	16	16
Watkins Mill	21	17	18	22	--	19	18	18	16	16
Wheaton	23	18	21	20	--	20	20	19	18	15
Whitman	28	19	26	28	28	28	28	31	23	--
Wootton	29	23	25	27	28	28	27	28	21	--

Note. The results are based on MCPS-verified records and may differ slightly from ACT records. Mean ACT composite scores are rounded to nearest integer. Scores are based on most recent ACT test. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results for American Indian and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. Scores are based on most recent ACT test. Results are not reported (--) for groups with fewer than ten graduates.

^a Includes graduates enrolled in special schools during Grade 12.