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INFORMATION

Office of Shared Accountability
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

November 16, 2009

MEMORANDUM

To: High School Principals

From: Stacy L. Scott, Associate Superintendent, Office of Shared Accountability 

Subject: INFORMATION: Data Update—Successful Completion of Algebra 1 or Higher Level Mathematics

This memorandum provides data about Montgomery County Public Schools' (MCPS) students who have successfully completed Algebra 1 or higher level mathematics courses (hereafter referred to as "Algebra 1 or higher") in Grades 8 and 9 since 2006.

Successful Completion of Algebra 1 or Higher by Grade 8

The percentage of MCPS Grade 8 students who successfully completed Algebra 1 or higher in 2009 climbed to 65.5 percent, a rate that was more than 16 percentage points higher than in 2006 (Table 1). This represents an increase from less than one half of Grade 8 students in 2006 to nearly two thirds of Grade 8 students successfully completing Algebra 1 or higher in 2009. Successful completion rates increased for all student groups between 2006 and 2009. African American and Hispanic students, as well as students receiving Free and Reduced-price Meals System (FARMS) services showed the greatest gains from 2006 to 2009 (21.1, 19.6, and 19.9 percentage points, respectively). The rates for these subgroups outpaced the gains for all students and represent progress toward closing the achievement gap.

Students receiving special education and English for Speakers of Other Languages (ESOL) services also increased their successful rate of completion of Algebra 1 or higher from 2006 to 2009 (12.3 and 9.0 percentage points, respectively). The rate of successful completion of Algebra 1 or higher for students receiving special education services more than doubled from 2006 to 2009 (from 11.7 to 24.0 percent), and successful completion of Algebra 1 or higher for students receiving FARMS services nearly doubled from 2006 to 2009 (from 21.7 to 41.6 percent).

African American and Hispanic students, as well as students receiving FARMS, special education, and ESOL services showed their greatest one-year gains in successfully completing Algebra 1 or higher from 2008 to 2009. The gains for African American and Hispanic students, and students receiving FARMS and special education services outpaced the gains for all students from 2008 to 2009.

Table 1
Percentage of Grade 8 Students Who Successfully Completed
Algebra 1 or Higher by Demographic Group and Year

Grade 8 Student Demographic Group	% Successfully Completed				Four-Year % Point Change
	2006	2007	2008	2009	
All Students	49.4	55.9	59.6	65.5	16.1
Male	48.9	54.2	58.0	63.5	14.6
Female	49.9	57.7	61.2	67.7	17.8
African American	25.5	33.1	38.4	46.6	21.1
Asian American	72.3	78.6	78.8	84.6	12.3
Hispanic	26.2	32.6	38.8	45.8	19.6
White	64.3	71.4	74.7	80.1	15.8
FARMS ^a	21.7	28.5	32.7	41.6	19.9
Special Education	11.7	15.5	17.9	24.0	12.3
ESOL ^b	15.1	19.7	18.6	24.1	9.0

Note. American Indian students are included with all students but are not reported separately.

^aFARMS = Free and Reduced-price Meals System

^bESOL = English for Speakers of Other Languages

Successful Completion of Algebra 1 or Higher by Grade 9

The percentage of all students who successfully completed Algebra 1 or higher by Grade 9 increased 2.6 percentage points from 75.4 percent in 2006 to 78.0 percent in 2009 (Table 2). The greatest gains were shown by students receiving FARMS services (10.6 percentage points), followed by students receiving ESOL services (8.7 percentage points), Hispanic students (8.3 percentage points), students receiving special education services (8.1 percentage points), and African American students (7.7 percentage points). The rates for these subgroups outpaced the gains for all students and represent progress toward closing the achievement gap. The percentage of Asian American and White students who successfully completed Algebra 1 or higher by Grade 9 has remained relatively constant from 2006 to 2009.

Table 2
Percentage of Grade 9 Students Who Successfully Completed
Algebra 1 or Higher by Demographic Group and Year

Grade 9 Student Demographic Group	% Successfully Completed				Four-Year % Point Change
	2006	2007	2008	2009	
All Students	75.4	76.5	77.0	78.0	2.6
Male	72.3	73.8	74.2	75.6	3.3
Female	78.7	79.6	79.9	80.5	1.8
African American	58.9	61.3	65.3	66.6	7.7
Asian American	90.0	91.1	88.8	89.5	-0.5
Hispanic	55.2	55.7	62.1	63.5	8.3
White	89.9	90.8	88.2	89.2	-0.7
FARMS ^a	49.8	51.8	58.5	60.4	10.6
Special Education	42.8	41.7	48.1	50.9	8.1
ESOL ^b	39.2	39.6	47.5	47.9	8.7

Note. American Indian students are included with all students but are not reported separately.

^aFARMS = Free and Reduced-price Meals System

^bESOL = English for Speakers of Other Languages

Successful Completion of Algebra 1 or Higher Prior to Grade 8

An increasing number of students successfully completed Algebra 1 or higher prior to Grade 8. From 2006 to 2009, the percentage of Grade 7 students successfully completing Algebra 1 or higher increased by 10.2 percentage points. Each student group showed gains, although the increases for African American and Hispanic students (8.1 and 6.9 percentage points, respectively) as well as students receiving FARMS, special education, or ESOL services (5.6, 3.0, and 2.6 percentage points, respectively) lagged behind the gains for all students. There also was a slight increase in the percentage of all students successfully completing Algebra 1 or higher by Grade 6 (0.9 percentage point increase) from 2006 to 2009. However, the number of Grade 6 students in many of the subgroups is too small to provide significant conclusions. (See attached Table A1 for data on enrollment and successful completion of Algebra 1 or higher for students in Grade 7.)

The attached tables display enrollment and successful completion rates for Algebra 1 or higher at the district level and by school, and are disaggregated by gender; race/ethnicity; and receipt of FARMS, special education, and ESOL services. Tables A1, A2, and A3 display data for students in Grades 7, 8, and 9, respectively, in MCPS middle and high schools. Tables A4, A5, and A6 display data for students in Grades 7, 8, and 9, respectively, in MCPS special schools and programs.

This information can be used to inform discussions about successful completion rate differences among groups of students and to enhance teaching and learning to achieve the goals established in *Our Call to Action: Pursuit of Excellence*, the district's strategic plan.

If you have any questions, please contact Mrs. Stephanie P. Williams, director, Department of Policy, Records, and Reporting, Office of Shared Accountability, at 301-279-5062 or via e-mail.

SLS:sm

Attachment

Copy to:

Executive Staff

Mrs. Blum

Mrs. S. Williams

Dr. Newman

Approved by:

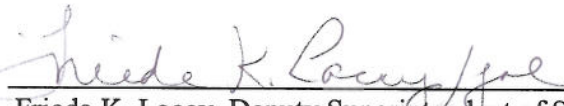

Frieda K. Lacey, Deputy Superintendent of Schools

Table A1
 Number and Percentage of MCPS Grade 7 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All Middle Schools	10460	10249	10355	10455	1750	2223	2518	2815	16.7	21.7	24.3	26.9
Male	5314	5250	5312	5364	968	1166	1291	1480	18.2	22.2	24.3	27.6
Female	5146	4999	5043	5091	782	1057	1227	1335	15.2	21.1	24.3	26.2
African American	2446	2351	2394	2368	125	209	264	312	5.1	8.9	11.0	13.2
Asian American	1507	1542	1528	1652	512	612	678	751	34.0	39.7	44.4	45.5
Hispanic	2057	2094	2208	2337	84	148	198	258	4.1	7.1	9.0	11.0
White	4419	4235	4191	4073	1023	1246	1375	1487	23.2	29.4	32.8	36.5
FARMS	2517	2672	2817	2959	90	163	220	271	3.6	6.1	7.8	9.2
Special Education	1346	1198	1370	1263	34	36	66	70	2.5	3.0	4.8	5.5
ESOL	602	608	647	653	15	9	16	33	2.5	1.5	2.5	5.1
Argyle	183	263	255	278	18	52	47	54	9.8	19.8	18.4	19.4
Male	98	157	130	152	11	31	25	31	11.2	19.7	19.2	20.4
Female	85	106	125	126	7	21	22	23	8.2	19.8	17.6	18.3
African American	93	112	124	111	4	13	15	8	4.3	11.6	12.1	7.2
Asian American	21	42	40	35	8	22	16	18	38.1	52.4	40.0	51.4
Hispanic	46	83	60	89	1	7	2	9	2.2	8.4	3.3	10.1
White	22	25	31	42	5	10	14	19	22.7	40.0	45.2	45.2
FARMS	77	109	123	133	3	9	10	11	3.9	8.3	8.1	8.3
Special Education	21	21	27	39	0	0	2	0	0.0	0.0	7.4	0.0
ESOL	16	15	20	16	0	0	0	0	0.0	0.0	0.0	0.0
John T. Baker	238	233	245	219	47	30	49	26	19.7	12.9	20.0	11.9
Male	128	106	128	106	30	15	22	11	23.4	14.2	17.2	10.4
Female	110	127	117	113	17	15	27	15	15.5	11.8	23.1	13.3
African American	24	29	18	23	5	4	2	1	20.8	13.8	11.1	4.3
Asian American	11	16	7	10	4	3	3	1	36.4	18.8	42.9	10.0
Hispanic	27	14	20	25	3	1	0	1	11.1	7.1	0.0	4.0
White	176	174	198	159	35	22	44	23	19.9	12.6	22.2	14.5
FARMS	31	28	25	31	1	0	0	0	3.2	0.0	0.0	0.0
Special Education	39	23	36	37	1	0	3	0	2.6	0.0	8.3	0.0
ESOL	1	1	0	1	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r

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	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Benjamin Banneker	262	263	254	266	33	47	48	58	12.6	17.9	18.9	21.8
Male	128	121	144	139	12	17	25	28	9.4	14.0	17.4	20.1
Female	134	142	110	127	21	30	23	30	15.7	21.1	20.9	23.6
African American	159	149	150	154	10	13	18	22	6.3	8.7	12.0	14.3
Asian American	32	43	34	39	10	15	13	17	31.3	34.9	38.2	43.6
Hispanic	25	28	36	33	1	3	4	3	4.0	10.7	11.1	9.1
White	44	43	33	39	12	16	13	16	27.3	37.2	39.4	41.0
FARMS	77	89	106	114	2	8	18	15	2.6	9.0	17.0	13.2
Special Education	21	17	35	20	0	0	1	0	0.0	0.0	2.9	0.0
ESOL	9	13	11	10	0	0	0	2	0	0	0	20
Briggs Chaney	339	301	293	294	25	21	49	52	7.4	7.0	16.7	17.7
Male	174	154	151	151	7	14	25	25	4.0	9.1	16.6	16.6
Female	165	147	142	143	18	7	24	27	10.9	4.8	16.9	18.9
African American	163	133	144	134	3	7	14	9	1.8	5.3	9.7	6.7
Asian American	67	48	40	59	8	6	11	22	11.9	12.5	27.5	37.3
Hispanic	31	56	63	40	1	2	6	1	3.2	3.6	9.5	2.5
White	76	63	45	59	13	6	18	18	17.1	9.5	40.0	30.5
FARMS	74	92	110	102	3	4	8	5	4.1	4.3	7.3	4.9
Special Education	24	30	27	31	0	0	1	1	0.0	0.0	3.7	3.2
ESOL	13	21	6	16	0	0	0	1	0.0	0.0	0.0	6.3
Cabin John	349	320	287	316	66	78	88	96	18.9	24.4	30.7	30.4
Male	186	164	149	167	33	44	58	64	17.7	26.8	38.9	38.3
Female	163	156	138	149	33	34	30	32	20.2	21.8	21.7	21.5
African American	29	26	25	30	1	0	4	1	3.4	0.0	16.0	3.3
Asian American	112	99	74	87	42	46	42	43	37.5	46.5	56.8	49.4
Hispanic	18	15	18	21	1	0	1	5	5.6	0.0	5.6	23.8
White	190	180	169	177	22	32	41	47	11.6	17.8	24.3	26.6
FARMS	15	14	15	13	0	0	0	1	0.0	0.0	0.0	7.7
Special Education	50	33	36	35	0	0	3	2	0.0	0.0	8.3	5.7
ESOL	8	9	12	12	0	0	1	0	0.0	0.0	8.3	0.0

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	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Roberto W. Clemente	367	380	371	384	111	130	138	130	30.2	34.2	37.2	33.9
Male	187	190	175	194	63	60	63	63	33.7	31.6	36.0	32.5
Female	180	190	196	190	48	70	75	67	26.7	36.8	38.3	35.3
African American	94	121	94	110	3	16	9	7	3.2	13.2	9.6	6.4
Asian American	82	76	74	76	53	54	53	61	64.6	71.1	71.6	80.3
Hispanic	74	68	78	97	6	6	15	15	8.1	8.8	19.2	15.5
White	115	115	124	101	48	54	61	47	41.7	47.0	49.2	46.5
FARMS	89	96	97	126	5	7	8	11	5.6	7.3	8.2	8.7
Special Education	42	39	33	50	4	0	3	5	9.5	0.0	9.1	10.0
ESOL	14	13	11	13	1	1	0	1	7.1	7.7	0.0	7.7
Eastern	269	264	282	259	82	94	74	84	30.5	35.6	26.2	32.4
Male	119	121	139	130	25	33	28	31	21.0	27.3	20.1	23.8
Female	150	143	143	129	57	61	46	53	38.0	42.7	32.2	41.1
African American	66	65	54	74	8	9	1	17	12.1	13.8	1.9	23.0
Asian American	36	49	29	43	15	24	11	21	41.7	49.0	37.9	48.8
Hispanic	79	78	106	83	2	8	3	2	2.5	10.3	2.8	2.4
White	87	72	93	58	57	53	59	44	65.5	73.6	63.4	75.9
FARMS	103	121	114	126	2	10	2	3	1.9	8.3	1.8	2.4
Special Education	27	23	32	22	0	2	1	0	0.0	8.7	3.1	0.0
ESOL	14	24	26	23	0	0	0	0	0.0	0.0	0.0	0.0
William H. Farquhar	266	229	261	234	31	37	40	44	11.7	16.2	15.3	18.8
Male	115	114	140	121	15	22	17	27	13.0	19.3	12.1	22.3
Female	151	115	121	113	16	15	23	17	10.6	13.0	19.0	15.0
African American	57	53	45	50	4	2	3	7	7.0	3.8	6.7	14.0
Asian American	28	29	44	37	9	10	10	13	32.1	34.5	22.7	35.1
Hispanic	19	19	17	22	0	3	0	0	0.0	15.8	0.0	0.0
White	162	128	155	125	18	22	27	24	11.1	17.2	17.4	19.2
FARMS	36	28	22	30	3	2	0	1	8.3	7.1	0.0	3.3
Special Education	33	29	37	32	0	1	0	0	0.0	3.4	0.0	0.0
ESOL	5	4	3	9	0	n/r	n/r	2	0.0	n/r	n/r	22.2

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School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Forest Oak	283	256	265	273	21	24	38	42	7.4	9.4	14.3	15.4
Male	139	125	123	159	9	9	16	27	6.5	7.2	13.0	17.0
Female	144	131	142	114	12	15	22	15	8.3	11.5	15.5	13.2
African American	79	61	77	71	1	6	6	7	1.3	9.8	7.8	9.9
Asian American	24	29	27	30	4	5	9	11	16.7	17.2	33.3	36.7
Hispanic	95	94	95	110	0	2	2	8	0.0	2.1	2.1	7.3
White	85	72	65	62	16	11	21	16	18.8	15.3	32.3	25.8
FARMS	117	101	115	130	1	2	7	8	0.9	2.0	6.1	6.2
Special Education	49	32	43	46	1	1	0	1	2.0	3.1	0.0	2.2
ESOL	22	28	15	26	0	0	0	0	0.0	0.0	0.0	0.0
Robert Frost	390	366	403	415	94	70	84	104	24.1	19.1	20.8	25.1
Male	207	179	199	218	61	42	48	61	29.5	23.5	24.1	28.0
Female	183	187	204	197	33	28	36	43	18.0	15.0	17.6	21.8
African American	21	14	19	21	0	1	2	1	0.0	7.1	10.5	4.8
Asian American	108	137	139	143	42	41	49	49	38.9	29.9	35.3	34.3
Hispanic	27	24	21	27	1	1	0	1	3.7	4.2	0.0	3.7
White	234	191	223	224	51	27	33	53	21.8	14.1	14.8	23.7
FARMS	19	11	22	22	2	0	0	0	10.5	0.0	0.0	0.0
Special Education	47	28	31	32	0	0	1	0	0.0	0.0	3.2	0.0
ESOL	11	13	15	10	1	2	0	0	9.1	15.4	0.0	0.0
Gaithersburg	257	240	242	238	83	59	78	83	32.3	24.6	32.2	34.9
Male	135	123	124	117	43	27	31	38	31.9	22.0	25.0	32.5
Female	122	117	118	121	40	32	47	45	32.8	27.4	39.8	37.2
African American	64	67	65	77	12	12	8	20	18.8	17.9	12.3	26.0
Asian American	33	26	32	29	12	14	17	13	36.4	53.8	53.1	44.8
Hispanic	53	71	71	64	5	3	15	15	9.4	4.2	21.1	23.4
White	107	75	74	67	54	30	38	35	50.5	40.0	51.4	52.2
FARMS	70	85	88	81	3	6	11	17	4.3	7.1	12.5	21.0
Special Education	32	32	34	32	3	1	1	2	9.4	3.1	2.9	6.3
ESOL	13	19	19	11	0	0	0	2	0.0	0.0	0.0	18.2

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School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Herbert Hoover	333	353	354	352	58	51	78	79	17.4	14.4	22.0	22.4
Male	161	186	193	172	38	27	44	44	23.6	14.5	22.8	25.6
Female	172	167	161	180	20	24	34	35	11.6	14.4	21.1	19.4
African American	21	26	22	27	0	2	3	0	0.0	7.7	13.6	0.0
Asian American	81	89	89	95	27	26	27	36	33.3	29.2	30.3	37.9
Hispanic	13	15	19	14	0	2	2	0	0.0	13.3	10.5	0.0
White	217	223	223	216	31	21	45	43	14.3	9.4	20.2	19.9
FARMS	12	10	9	12	0	0	0	0	0.0	0.0	0.0	0.0
Special Education	41	40	49	48	1	1	3	4	2.4	2.5	6.1	8.3
ESOL	6	8	6	6	1	0	0	2	16.7	0.0	0.0	33.3
Francis Scott Key	259	246	249	240	21	21	30	47	8.1	8.5	12.0	19.6
Male	130	110	131	122	12	11	19	20	9.2	10.0	14.5	16.4
Female	129	136	118	118	9	10	11	27	7.0	7.4	9.3	22.9
African American	121	106	124	113	5	2	11	19	4.1	1.9	8.9	16.8
Asian American	34	31	23	31	3	8	8	12	8.8	25.8	34.8	38.7
Hispanic	69	76	78	76	1	2	6	6	1.4	2.6	7.7	7.9
White	35	30	22	20	12	9	5	10	34.3	30.0	22.7	50.0
FARMS	106	115	137	132	1	4	11	15	0.9	3.5	8.0	11.4
Special Education	33	22	34	19	1	0	1	0	3.0	0.0	2.9	0.0
ESOL	14	21	24	24	0	0	0	0	0.0	0.0	0.0	0.0
Dr. Martin Luther King	289	232	213	194	26	73	47	39	9.0	31.5	22.1	20.1
Male	140	122	105	90	20	33	26	20	14.3	27.0	24.8	22.2
Female	149	110	108	104	6	40	21	19	4.0	36.4	19.4	18.3
African American	110	81	72	57	1	10	5	1	0.9	12.3	6.9	1.8
Asian American	28	22	24	30	9	12	13	19	32.1	54.5	54.2	63.3
Hispanic	61	39	42	53	2	6	3	2	3.3	15.4	7.1	3.8
White	90	90	74	53	14	45	26	17	15.6	50.0	35.1	32.1
FARMS	96	73	79	66	2	12	6	5	2.1	16.4	7.6	7.6
Special Education	44	31	43	23	0	0	1	0	0.0	0.0	2.3	0.0
ESOL	19	15	6	8	0	0	0	0	0.0	0.0	0.0	0.0

(continued)

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School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Kingsview	240	248	305	286	30	25	66	41	12.5	10.1	21.6	14.3
Male	125	123	159	137	13	18	31	26	10.4	14.6	19.5	19.0
Female	115	125	146	149	17	7	35	15	14.8	5.6	24.0	10.1
African American	63	50	84	73	1	3	6	3	1.6	6.0	7.1	4.1
Asian American	65	63	91	85	21	16	35	30	32.3	25.4	38.5	35.3
Hispanic	33	35	30	33	0	1	3	0	0.0	2.9	10.0	0.0
White	78	100	98	94	7	5	22	8	9.0	5.0	22.4	8.5
FARMS	51	28	43	50	2	0	4	2	3.9	0.0	9.3	4.0
Special Education	28	17	30	24	1	0	1	0	3.6	0.0	3.3	0.0
ESOL	11	11	6	7	0	0	1	0	0.0	0.0	16.7	0.0
Lakelands Park	274	254	319	291	45	105	91	111	16.4	41.3	28.5	38.1
Male	147	144	167	144	27	59	49	57	18.4	41.0	29.3	39.6
Female	127	110	152	147	18	46	42	54	14.2	41.8	27.6	36.7
African American	46	45	58	48	3	3	5	3	6.5	6.7	8.6	6.3
Asian American	24	31	47	44	9	20	21	27	37.5	64.5	44.7	61.4
Hispanic	46	35	50	40	1	7	3	6	2.2	20.0	6.0	15.0
White	156	142	163	159	31	74	62	75	19.9	52.1	38.0	47.2
FARMS	43	37	60	48	0	4	4	3	0.0	10.8	6.7	6.3
Special Education	41	33	49	34	0	5	3	5	0.0	15.2	6.1	14.7
ESOL	14	11	14	14	0	0	0	0	0.0	0.0	0.0	0.0
Col. E. Brooke Lee	190	171	165	141	22	18	25	29	11.6	10.5	15.2	20.6
Male	93	92	90	74	12	11	16	13	12.9	12.0	17.8	17.6
Female	97	79	75	67	10	7	9	16	10.3	8.9	12.0	23.9
African American	66	55	53	56	3	3	6	14	4.5	5.5	11.3	25.0
Asian American	19	13	20	14	7	3	7	5	36.8	23.1	35.0	35.7
Hispanic	70	66	69	58	2	2	1	4	2.9	3.0	1.4	6.9
White	33	37	22	12	10	10	10	6	30.3	27.0	45.5	50.0
FARMS	89	84	85	78	4	3	3	11	4.5	3.6	3.5	14.1
Special Education	40	46	46	29	1	3	4	5	2.5	6.5	8.7	17.2
ESOL	24	12	17	22	1	0	0	1	4.2	0.0	0.0	4.5

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Table A1
 Number and Percentage of MCPS Grade 7 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
A. Mario Loiederman	250	287	282	331	19	34	56	83	7.6	11.8	19.9	25.1
Male	128	88	117	134	9	13	20	21	7.0	14.8	17.1	15.7
Female	122	199	165	197	10	21	36	62	8.2	10.6	21.8	31.5
African American	53	82	80	82	2	4	13	15	3.8	4.9	16.3	18.3
Asian American	36	19	19	33	7	2	5	11	19.4	10.5	26.3	33.3
Hispanic	123	124	117	144	6	10	13	19	4.9	8.1	11.1	13.2
White	38	61	65	70	4	17	25	36	10.5	27.9	38.5	51.4
FARMS	129	144	138	158	9	5	12	15	7.0	3.5	8.7	9.5
Special Education	25	24	34	36	0	0	0	1	0.0	0.0	0.0	2.8
ESOL	16	25	29	18	0	0	0	0	0.0	0.0	0.0	0.0
Montgomery Village	303	246	193	226	35	40	54	72	11.6	16.3	28.0	31.9
Male	175	150	110	119	19	23	34	35	10.9	15.3	30.9	29.4
Female	128	96	83	107	16	17	20	37	12.5	17.7	24.1	34.6
African American	99	89	67	91	5	8	10	24	5.1	9.0	14.9	26.4
Asian American	28	22	19	14	9	8	8	7	32.1	36.4	42.1	50.0
Hispanic	103	93	54	80	4	7	8	14	3.9	7.5	14.8	17.5
White	73	41	52	40	17	16	28	27	23.3	39.0	53.8	67.5
FARMS	117	111	82	119	3	8	9	18	2.6	7.2	11.0	15.1
Special Education	77	47	46	24	4	2	10	3	5.2	4.3	21.7	12.5
ESOL	33	35	15	27	0	0	0	0	0.0	0.0	0.0	0.0
Neelsville	237	285	284	288	32	56	65	57	13.5	19.6	22.9	19.8
Male	112	138	158	146	17	24	34	28	15.2	17.4	21.5	19.2
Female	125	147	126	142	15	32	31	29	12.0	21.8	24.6	20.4
African American	68	106	101	102	2	10	11	11	2.9	9.4	10.9	10.8
Asian American	39	44	38	38	15	20	22	20	38.5	45.5	57.9	52.6
Hispanic	75	74	81	95	3	7	11	12	4.0	9.5	13.6	12.6
White	55	60	62	52	12	19	21	14	21.8	31.7	33.9	26.9
FARMS	98	131	125	147	5	15	14	17	5.1	11.5	11.2	11.6
Special Education	31	48	35	38	2	0	0	0	6.5	0.0	0.0	0.0
ESOL	27	29	37	29	0	1	0	0	0.0	3.4	0.0	0.0

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 Number and Percentage of MCPS Grade 7 Students
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 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Newport Mill	213	205	206	228	14	29	31	48	6.6	14.1	15.0	21.1
Male	113	102	107	125	10	12	19	21	8.8	11.8	17.8	16.8
Female	100	103	99	103	4	17	12	27	4.0	16.5	12.1	26.2
African American	64	39	43	49	4	2	5	8	6.3	5.1	11.6	16.3
Asian American	21	24	28	24	1	6	8	10	4.8	25.0	28.6	41.7
Hispanic	94	94	97	118	3	6	5	15	3.2	6.4	5.2	12.7
White	34	48	38	36	6	15	13	14	17.6	31.3	34.2	38.9
FARMS	97	103	118	122	4	7	9	16	4.1	6.8	7.6	13.1
Special Education	31	39	48	36	0	0	2	3	0.0	0.0	4.2	8.3
ESOL	14	6	20	20	0	0	1	3	0.0	0.0	5.0	15.0
North Bethesda	228	252	264	270	36	68	81	84	15.8	27.0	30.7	31.1
Male	108	141	136	142	18	39	40	41	16.7	27.7	29.4	28.9
Female	120	111	128	128	18	29	41	43	15.0	26.1	32.0	33.6
African American	16	23	22	21	0	2	2	3	0.0	8.7	9.1	14.3
Asian American	25	22	33	44	5	13	9	19	20.0	59.1	27.3	43.2
Hispanic	22	24	30	34	2	2	5	4	9.1	8.3	16.7	11.8
White	165	180	179	171	29	51	65	58	17.6	28.3	36.3	33.9
FARMS	11	10	21	17	0	0	1	1	0.0	0.0	4.8	5.9
Special Education	29	37	35	39	1	2	6	1	3.4	5.4	17.1	2.6
ESOL	13	15	16	12	1	1	1	3	7.7	6.7	6.3	25.0
Parkland	174	252	248	300	11	62	85	103	6.3	24.6	34.3	34.3
Male	91	157	156	178	6	42	50	70	6.6	26.8	32.1	39.3
Female	83	95	92	122	5	20	35	33	6.0	21.1	38.0	27.0
African American	64	73	57	78	3	11	9	19	4.7	15.1	15.8	24.4
Asian American	7	40	29	34	3	25	21	16	42.9	62.5	72.4	47.1
Hispanic	83	110	126	118	3	9	27	20	3.6	8.2	21.4	16.9
White	20	29	36	68	2	17	28	48	10.0	58.6	77.8	70.6
FARMS	97	122	122	119	3	4	17	17	3.1	3.3	13.9	14.3
Special Education	22	26	31	38	0	1	4	6	0.0	3.8	12.9	15.8
ESOL	23	37	34	26	0	0	0	1	0.0	0.0	0.0	3.8

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 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Rosa M. Parks	309	304	346	280	26	57	67	77	8.4	18.8	19.4	27.5
Male	161	165	162	131	16	34	28	35	9.9	20.6	17.3	26.7
Female	148	139	184	149	10	23	39	42	6.8	16.5	21.2	28.2
African American	42	27	44	28	2	1	4	4	4.8	3.7	9.1	14.3
Asian American	26	29	33	13	4	9	11	2	15.4	31.0	33.3	15.4
Hispanic	26	26	31	28	2	2	3	7	7.7	7.7	9.7	25.0
White	213	222	236	210	18	45	49	63	8.5	20.3	20.8	30.0
FARMS	16	19	23	30	0	1	1	3	0.0	5.3	4.3	10.0
Special Education	34	27	34	39	0	0	0	1	0.0	0.0	0.0	2.6
ESOL	3	4	3	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
John Poole	136	114	135	133	38	35	36	58	27.9	30.7	26.7	43.6
Male	72	53	68	74	22	17	19	37	30.6	32.1	27.9	50.0
Female	64	61	67	59	16	18	17	21	25.0	29.5	25.4	35.6
African American	11	12	8	8	2	0	0	1	18.2	0.0	0.0	12.5
Asian American	2	4	1	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	5	8	5	7	0	1	1	2	0.0	12.5	20.0	28.6
White	118	89	120	117	35	31	35	55	29.7	34.8	29.2	47.0
FARMS	18	14	8	13	2	0	1	1	11.1	0.0	12.5	7.7
Special Education	21	9	15	11	0	0	0	2	0.0	0.0	0.0	18.2
ESOL	1	1	1	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Thomas W. Pyle	432	420	423	481	61	97	117	146	14.1	23.1	27.7	30.4
Male	246	213	214	251	50	54	65	81	20.3	25.4	30.4	32.3
Female	186	207	209	230	11	43	52	65	5.9	20.8	24.9	28.3
African American	16	17	15	17	0	0	1	0	0.0	0.0	6.7	0.0
Asian American	48	51	46	61	10	15	20	26	20.8	29.4	43.5	42.6
Hispanic	20	26	22	42	2	2	3	4	10.0	7.7	13.6	9.5
White	348	325	340	360	49	80	93	116	14.1	24.6	27.4	32.2
FARMS	7	6	7	9	0	0	2	0	0.0	0.0	28.6	0.0
Special Education	43	32	55	53	2	1	2	1	4.7	3.1	3.6	1.9
ESOL	20	13	21	36	1	0	2	1	5.0	0.0	9.5	2.8

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 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Redland	244	248	207	229	37	60	51	93	15.2	24.2	24.6	40.6
Male	117	144	102	114	18	38	22	48	15.4	26.4	21.6	42.1
Female	127	104	105	115	19	22	29	45	15.0	21.2	27.6	39.1
African American	44	47	60	49	2	5	1	12	4.5	10.6	1.7	24.5
Asian American	37	35	31	43	9	15	19	28	24.3	42.9	61.3	65.1
Hispanic	45	64	47	53	4	5	4	12	8.9	7.8	8.5	22.6
White	118	101	69	84	22	35	27	41	18.6	34.7	39.1	48.8
FARMS	71	83	68	66	4	4	3	9	5.6	4.8	4.4	13.6
Special Education	23	24	26	29	0	0	0	0	0.0	0.0	0.0	0.0
ESOL	4	9	6	11	n/r	0	0	0	n/r	0.0	0.0	0.0
Ridgeview	253	239	247	244	41	39	81	75	16.2	16.3	32.8	30.7
Male	123	125	131	127	23	21	47	42	18.7	16.8	35.9	33.1
Female	130	114	116	117	18	18	34	33	13.8	15.8	29.3	28.2
African American	38	39	36	30	1	3	4	0	2.6	7.7	11.1	0.0
Asian American	47	40	40	45	22	16	26	26	46.8	40.0	65.0	57.8
Hispanic	48	28	48	34	0	1	6	2	0.0	3.6	12.5	5.9
White	119	131	123	135	18	19	45	47	15.1	14.5	36.6	34.8
FARMS	49	43	48	45	3	4	4	3	6.1	9.3	8.3	6.7
Special Education	28	22	33	25	0	0	2	1	0.0	0.0	6.1	4.0
ESOL	17	9	15	9	0	0	3	2	0.0	0.0	20.0	22.2
Rocky Hill	279	338	344	377	22	40	52	60	7.9	11.8	15.1	15.9
Male	140	195	162	203	14	19	21	33	10.0	9.7	13.0	16.3
Female	139	143	182	174	8	21	31	27	5.8	14.7	17.0	15.5
African American	44	66	69	69	1	4	5	2	2.3	6.1	7.2	2.9
Asian American	31	43	57	76	6	10	17	22	19.4	23.3	29.8	28.9
Hispanic	27	48	42	60	2	3	2	0	7.4	6.3	4.8	0.0
White	176	181	174	171	13	23	27	35	7.4	12.7	15.5	20.5
FARMS	29	55	56	66	1	0	1	1	3.4	0.0	1.8	1.5
Special Education	23	32	47	43	0	0	0	0	0.0	0.0	0.0	0.0
ESOL	3	6	10	9	n/r	0	0	0	n/r	0.0	0.0	0.0

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	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Shady Grove	233	197	203	213	48	62	31	61	20.6	31.5	15.3	28.6
Male	118	99	113	98	21	35	14	33	17.8	35.4	12.4	33.7
Female	115	98	90	115	27	27	17	28	23.5	27.6	18.9	24.3
African American	51	40	51	45	5	4	4	3	9.8	10.0	7.8	6.7
Asian American	28	33	36	35	8	17	13	15	28.6	51.5	36.1	42.9
Hispanic	66	52	67	59	6	4	2	7	9.1	7.7	3.0	11.9
White	87	72	49	74	29	37	12	36	33.3	51.4	24.5	48.6
FARMS	55	66	68	69	2	5	5	3	3.6	7.6	7.4	4.3
Special Education	26	32	25	28	1	1	1	2	3.8	3.1	4.0	7.1
ESOL	14	12	15	9	1	0	0	0	7.1	0.0	0.0	0.0
Silver Spring Int'l	265	266	227	250	39	48	52	59	14.7	18.0	22.9	23.6
Male	142	124	115	136	28	27	27	29	19.7	21.8	23.5	21.3
Female	123	142	112	114	11	21	25	30	8.9	14.8	22.3	26.3
African American	78	79	77	73	5	5	11	13	6.4	6.3	14.3	17.8
Asian American	18	20	25	14	5	5	8	6	27.8	25.0	32.0	42.9
Hispanic	104	89	86	104	2	4	9	7	1.9	4.5	10.5	6.7
White	65	78	39	59	27	34	24	33	41.5	43.6	61.5	55.9
FARMS	120	111	129	125	6	5	11	10	5.0	4.5	8.5	8.0
Special Education	30	27	38	31	0	0	1	3	0.0	0.0	2.6	9.7
ESOL	21	25	26	25	0	0	0	0	0.0	0.0	0.0	0.0
Sligo	203	204	200	214	32	43	43	64	15.8	21.1	21.5	29.9
Male	112	97	105	121	20	17	24	33	17.9	17.5	22.9	27.3
Female	91	107	95	93	12	26	19	31	13.2	24.3	20.0	33.3
African American	60	47	55	62	2	5	7	13	3.3	10.6	12.7	21.0
Asian American	17	25	20	17	2	9	10	7	11.8	36.0	50.0	41.2
Hispanic	81	88	90	97	5	6	4	14	6.2	6.8	4.4	14.4
White	44	43	35	38	23	23	22	30	52.3	53.5	62.9	78.9
FARMS	86	89	87	112	3	6	4	10	3.5	6.7	4.6	8.9
Special Education	36	31	27	34	0	3	0	3	0.0	9.7	0.0	8.8
ESOL	18	17	29	25	0	0	0	0	0.0	0.0	0.0	0.0

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School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Takoma Park	321	301	276	282	148	150	137	147	46.1	49.8	49.6	52.1
Male	171	172	137	147	91	88	70	79	53.2	51.2	51.1	53.7
Female	150	129	139	135	57	62	67	68	38.0	48.1	48.2	50.4
African American	96	95	95	78	12	17	21	16	12.5	17.9	22.1	20.5
Asian American	57	51	47	58	51	47	43	53	89.5	92.2	91.5	91.4
Hispanic	52	48	46	43	3	6	5	7	5.8	12.5	10.9	16.3
White	116	105	88	103	82	78	68	71	70.7	74.3	77.3	68.9
FARMS	72	80	78	75	5	11	9	11	6.9	13.8	11.5	14.7
Special Education	19	18	13	27	2	3	0	7	10.5	16.7	0.0	25.9
ESOL	32	21	26	18	0	0	0	0	0.0	0.0	0.0	0.0
Tilden	293	258	222	239	115	116	111	119	39.2	45.0	50.0	49.8
Male	131	124	124	133	53	55	63	68	40.5	44.4	50.8	51.1
Female	162	134	98	106	62	61	48	51	38.3	45.5	49.0	48.1
African American	29	29	20	14	1	3	4	1	3.4	10.3	20.0	7.1
Asian American	56	40	41	52	27	20	29	37	48.2	50.0	70.7	71.2
Hispanic	40	38	45	40	5	9	11	9	12.5	23.7	24.4	22.5
White	165	149	114	133	80	83	67	72	48.5	55.7	58.8	54.1
FARMS	37	32	32	26	2	2	5	4	5.4	6.3	15.6	15.4
Special Education	70	67	46	37	3	4	4	5	4.3	6.0	8.7	13.5
ESOL	31	20	22	34	5	3	6	8	16.1	15.0	27.3	23.5
Julius West	325	333	348	329	55	48	65	53	16.9	14.4	18.7	16.1
Male	159	163	174	162	27	24	30	29	17.0	14.7	17.2	17.9
Female	166	170	174	167	28	24	35	24	16.9	14.1	20.1	14.4
African American	63	60	64	67	3	0	5	2	4.8	0.0	7.8	3.0
Asian American	73	60	67	73	23	18	28	19	31.5	30.0	41.8	26.0
Hispanic	59	62	83	71	0	1	2	1	0.0	1.6	2.4	1.4
White	128	150	130	117	29	29	30	31	22.7	19.3	23.1	26.5
FARMS	84	93	102	105	2	9	4	4	2.4	9.7	3.9	3.8
Special Education	40	48	42	31	0	1	0	0	0.0	2.1	0.0	0.0
ESOL	42	30	55	41	1	1	0	1	2.4	3.3	0.0	2.4

(continued)

Table A1
 Number and Percentage of MCPS Grade 7 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Westland	387	374	420	356	71	115	120	102	18.3	30.7	28.6	28.7
Male	190	197	198	185	40	60	55	56	21.1	30.5	27.8	30.3
Female	197	177	222	171	31	55	65	46	15.7	31.1	29.3	26.9
African American	59	59	60	56	4	6	8	5	6.8	10.2	13.3	8.9
Asian American	26	34	26	31	7	12	11	5	26.9	35.3	42.3	16.1
Hispanic	45	34	57	55	2	2	2	9	4.4	5.9	3.5	16.4
White	255	244	275	214	58	93	99	83	22.7	38.1	36.0	38.8
FARMS	38	43	54	45	1	3	4	2	2.6	7.0	7.4	4.4
Special Education	40	31	40	41	6	2	3	2	15.0	6.5	7.5	4.9
ESOL	18	11	19	19	2	0	1	1	11.1	0.0	5.3	5.3
White Oak	291	253	256	220	31	44	51	63	10.7	17.4	19.9	28.6
Male	145	131	143	115	18	23	32	35	12.4	17.6	22.4	30.4
Female	146	122	113	105	13	21	19	28	8.9	17.2	16.8	26.7
African American	109	93	95	73	5	7	16	18	4.6	7.5	16.8	24.7
Asian American	46	34	31	29	12	10	11	12	26.1	29.4	35.5	41.4
Hispanic	78	73	86	82	1	2	4	8	1.3	2.7	4.7	9.8
White	56	53	44	36	12	25	20	25	21.4	47.2	45.5	69.4
FARMS	108	123	119	112	1	1	6	10	0.9	0.8	5.0	8.9
Special Education	46	48	36	22	0	2	0	1	0.0	4.2	0.0	4.5
ESOL	20	25	26	36	0	0	0	2	0.0	0.0	0.0	5.6
Earle B. Wood	296	254	261	285	26	45	62	72	8.8	17.7	23.8	25.3
Male	148	141	133	130	17	28	34	40	11.5	19.9	25.6	30.8
Female	148	113	128	155	9	17	28	32	6.1	15.0	21.9	20.6
African American	66	36	47	47	0	6	5	2	0.0	16.7	10.6	4.3
Asian American	34	29	27	31	2	7	14	12	5.9	24.1	51.9	38.7
Hispanic	75	75	75	88	2	3	5	7	2.7	4.0	6.7	8.0
White	119	113	111	118	22	29	38	51	18.5	25.7	34.2	43.2
FARMS	73	73	82	85	0	2	6	8	0.0	2.7	7.3	9.4
Special Education	40	33	42	48	0	0	2	3	0.0	0.0	4.8	6.3
ESOL	18	20	11	18	0	0	0	0	0.0	0.0	0.0	0.0

Note. American Indian students are included with all students but are not reported separately. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages.

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All Middle Schools	10724	10370	10356	10521	5296	5798	6171	6895	49.4	55.9	59.6	65.5
Male	5588	5264	5282	5392	2733	2854	3066	3424	48.9	54.2	58.0	63.5
Female	5136	5106	5074	5129	2563	2944	3105	3471	49.9	57.7	61.2	67.7
African American	2465	2424	2365	2461	628	802	907	1148	25.5	33.1	38.4	46.6
Asian American	1585	1530	1565	1561	1146	1203	1234	1321	72.3	78.6	78.8	84.6
Hispanic	2009	2027	2138	2267	526	661	829	1039	26.2	32.6	38.8	45.8
White	4638	4352	4262	4203	2984	3109	3184	3367	64.3	71.4	74.7	80.1
FARMS	2401	2595	2658	2889	522	740	869	1201	21.7	28.5	32.7	41.6
Special Education	1361	1272	1223	1314	159	197	219	315	11.7	15.5	17.9	24.0
ESOL	570	558	574	526	86	110	107	127	15.1	19.7	18.6	24.1
Argyle	167	192	254	259	77	52	107	93	46.1	27.1	42.1	35.9
Male	88	106	147	133	38	28	59	45	43.2	26.4	40.1	33.8
Female	79	86	107	126	39	24	48	48	49.4	27.9	44.9	38.1
African American	85	96	110	121	30	17	34	35	35.3	17.7	30.9	28.9
Asian American	20	23	42	39	13	14	34	27	65.0	60.9	81.0	69.2
Hispanic	39	50	79	68	14	8	25	11	35.9	16.0	31.6	16.2
White	23	22	23	31	20	12	14	20	87.0	54.5	60.9	64.5
FARMS	74	89	109	128	23	15	35	32	31.1	16.9	32.1	25.0
Special Education	18	22	17	28	1	0	1	3	5.6	0.0	5.9	10.7
ESOL	17	17	7	20	2	2	0	3	11.8	11.8	0.0	15.0
John T. Baker	267	225	230	255	145	144	121	169	54.3	64.0	52.6	66.3
Male	127	125	105	132	62	88	53	88	48.8	70.4	50.5	66.7
Female	140	100	125	123	83	56	68	81	59.3	56.0	54.4	65.9
African American	18	22	27	18	6	9	10	7	33.3	40.9	37.0	38.9
Asian American	11	11	16	9	8	11	9	5	72.7	100.0	56.3	55.6
Hispanic	30	23	14	23	7	14	6	9	23.3	60.9	42.9	39.1
White	206	169	173	203	124	110	96	146	60.2	65.1	55.5	71.9
FARMS	26	24	25	24	4	7	5	9	15.4	29.2	20.0	37.5
Special Education	34	35	27	38	5	2	4	9	14.7	5.7	14.8	23.7
ESOL	0	1	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Benjamin Banneker	302	274	265	263	102	99	120	124	33.8	36.1	45.3	47.1
Male	161	134	116	142	56	47	44	61	34.8	35.1	37.9	43.0
Female	141	140	149	121	46	52	76	63	32.6	37.1	51.0	52.1
African American	153	166	144	162	25	44	46	67	16.3	26.5	31.9	41.4
Asian American	51	31	45	35	30	20	37	27	58.8	64.5	82.2	77.1
Hispanic	24	30	31	37	6	7	11	12	25.0	23.3	35.5	32.4
White	74	45	45	29	41	27	26	18	55.4	60.0	57.8	62.1
FARMS	90	92	91	108	11	18	29	41	12.2	19.6	31.9	38.0
Special Education	27	22	18	30	0	2	0	2	0.0	9.1	0.0	6.7
ESOL	12	9	13	12	2	0	4	6	16.7	0.0	30.8	50.0
Briggs Chaney	336	324	297	303	115	137	144	169	34.2	42.3	48.5	55.8
Male	178	160	153	154	61	62	64	83	34.3	38.8	41.8	53.9
Female	158	164	144	149	54	75	80	86	34.2	45.7	55.6	57.7
African American	166	147	137	155	32	35	56	80	19.3	23.8	40.9	51.6
Asian American	48	63	43	43	25	42	30	27	52.1	66.7	69.8	62.8
Hispanic	42	34	52	62	5	6	13	29	11.9	17.6	25.0	46.8
White	80	78	63	42	53	53	44	33	66.3	67.9	69.8	78.6
FARMS	83	64	87	117	13	15	23	48	15.7	23.4	26.4	41.0
Special Education	32	26	29	27	3	0	1	5	9.4	0.0	3.4	18.5
ESOL	13	13	17	11	2	1	2	0	15.4	7.7	11.8	0.0
Cabin John	311	352	333	289	216	280	265	237	69.5	79.5	79.6	82.0
Male	175	187	170	151	125	143	141	127	71.4	76.5	82.9	84.1
Female	136	165	163	138	91	137	124	110	66.9	83.0	76.1	79.7
African American	28	29	28	26	8	14	8	14	28.6	48.3	28.6	53.8
Asian American	79	117	102	74	66	109	94	66	83.5	93.2	92.2	89.2
Hispanic	16	18	16	14	7	9	12	9	43.8	50.0	75.0	64.3
White	187	188	187	174	134	148	151	148	71.7	78.7	80.7	85.1
FARMS	17	14	15	13	4	6	4	7	23.5	42.9	26.7	53.8
Special Education	32	46	42	41	3	10	11	13	9.4	21.7	26.2	31.7
ESOL	6	7	7	5	2	4	2	4	33.3	57.1	28.6	80.0

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Roberto W. Clemente	356	373	394	370	176	226	233	251	49.4	60.6	59.1	67.8
Male	184	184	202	178	94	113	111	119	51.1	61.4	55.0	66.9
Female	172	189	192	192	82	113	122	132	47.7	59.8	63.5	68.8
African American	98	100	130	99	19	34	45	40	19.4	34.0	34.6	40.4
Asian American	76	83	77	74	60	75	69	67	78.9	90.4	89.6	90.5
Hispanic	62	77	72	73	16	25	26	45	25.8	32.5	36.1	61.6
White	119	111	115	123	80	90	93	98	67.2	81.1	80.9	79.7
FARMS	78	103	102	94	17	32	27	45	21.8	31.1	26.5	47.9
Special Education	35	43	42	35	3	8	0	9	8.6	18.6	0.0	25.7
ESOL	10	15	9	2	0	2	0	n/r	0.0	13.3	0.0	n/r
Eastern	296	257	266	278	150	154	165	180	50.7	59.9	62.0	64.7
Male	132	103	118	136	55	54	67	84	41.7	52.4	56.8	61.8
Female	164	154	148	142	95	100	98	96	57.9	64.9	66.2	67.6
African American	79	66	61	51	25	28	32	23	31.6	42.4	52.5	45.1
Asian American	44	35	53	28	34	25	39	23	77.3	71.4	73.6	82.1
Hispanic	85	74	82	110	14	29	28	49	16.5	39.2	34.1	44.5
White	88	81	70	89	77	72	66	85	87.5	88.9	94.3	95.5
FARMS	116	94	114	116	23	29	42	47	19.8	30.9	36.8	40.5
Special Education	29	22	20	27	1	2	2	7	3.4	9.1	10.0	25.9
ESOL	21	16	27	22	2	3	5	4	9.5	18.8	18.5	18.2
William H. Farquhar	247	259	236	261	122	159	142	198	49.4	61.4	60.2	75.9
Male	141	108	117	138	71	69	73	103	50.4	63.9	62.4	74.6
Female	106	151	119	123	51	90	69	95	48.1	59.6	58.0	77.2
African American	48	60	55	48	7	26	18	26	14.6	43.3	32.7	54.2
Asian American	24	28	31	45	18	19	23	36	75.0	67.9	74.2	80.0
Hispanic	20	20	20	15	5	8	8	11	25.0	40.0	40.0	73.3
White	155	151	130	153	92	106	93	125	59.4	70.2	71.5	81.7
FARMS	24	37	32	23	2	10	10	12	8.3	27.0	31.3	52.2
Special Education	34	30	28	32	5	4	3	9	14.7	13.3	10.7	28.1
ESOL	2	6	7	3	n/r	3	2	n/r	n/r	50.0	28.6	n/r

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Forest Oak	297	259	242	278	131	156	137	139	44.1	60.2	56.6	50.0
Male	142	129	119	131	65	74	57	63	45.8	57.4	47.9	48.1
Female	155	130	123	147	66	82	80	76	42.6	63.1	65.0	51.7
African American	80	71	61	85	31	38	27	34	38.8	53.5	44.3	40.0
Asian American	29	19	30	29	18	15	22	22	62.1	78.9	73.3	75.9
Hispanic	115	81	87	100	36	32	40	39	31.3	39.5	46.0	39.0
White	72	88	64	63	46	71	48	43	63.9	80.7	75.0	68.3
FARMS	132	105	90	125	38	44	32	39	28.8	41.9	35.6	31.2
Special Education	48	43	31	44	6	9	8	5	12.5	20.9	25.8	11.4
ESOL	34	17	17	19	6	8	5	4	17.6	47.1	29.4	21.1
Robert Frost	408	400	372	417	279	273	254	348	68.4	68.3	68.3	83.5
Male	216	218	182	213	147	146	126	170	68.1	67.0	69.2	79.8
Female	192	182	190	204	132	127	128	178	68.8	69.8	67.4	87.3
African American	16	18	12	20	7	3	2	9	43.8	16.7	16.7	45.0
Asian American	130	117	136	143	103	102	111	130	79.2	87.2	81.6	90.9
Hispanic	21	26	25	22	5	12	11	14	23.8	46.2	44.0	63.6
White	241	239	199	230	164	156	130	194	68.0	65.3	65.3	84.3
FARMS	14	18	15	24	5	5	2	14	35.7	27.8	13.3	58.3
Special Education	39	46	30	33	14	10	5	11	35.9	21.7	16.7	33.3
ESOL	16	8	13	12	6	4	4	6	37.5	50.0	30.8	50.0
Gaithersburg	259	264	238	233	152	152	135	163	58.7	57.6	56.7	70.0
Male	123	133	117	121	77	80	57	81	62.6	60.2	48.7	66.9
Female	136	131	121	112	75	72	78	82	55.1	55.0	64.5	73.2
African American	64	66	64	65	25	24	29	36	39.1	36.4	45.3	55.4
Asian American	32	33	28	31	26	26	23	26	81.3	78.8	82.1	83.9
Hispanic	59	60	73	63	21	23	28	36	35.6	38.3	38.4	57.1
White	102	105	73	74	78	79	55	65	76.5	75.2	75.3	87.8
FARMS	72	83	81	73	21	28	32	39	29.2	33.7	39.5	53.4
Special Education	45	28	38	31	8	7	7	12	17.8	25.0	18.4	38.7
ESOL	16	19	23	10	1	5	4	1	6.3	26.3	17.4	10.0

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Herbert Hoover	420	336	354	349	332	291	291	314	79.0	86.6	82.2	90.0
Male	221	161	188	189	173	132	154	168	78.3	82.0	81.9	88.9
Female	199	175	166	160	159	159	137	146	79.9	90.9	82.5	91.3
African American	25	19	27	17	10	11	18	12	40.0	57.9	66.7	70.6
Asian American	114	80	87	93	105	76	76	86	92.1	95.0	87.4	92.5
Hispanic	25	11	17	19	16	10	14	14	64.0	90.9	82.4	73.7
White	255	225	223	218	200	193	183	200	78.4	85.8	82.1	91.7
FARMS	9	8	6	10	2	2	2	4	22.2	25.0	33.3	40.0
Special Education	42	47	42	47	7	22	17	27	16.7	46.8	40.5	57.4
ESOL	13	3	8	8	5	n/r	2	7	38.5	n/r	25.0	87.5
Francis Scott Key	295	259	248	255	105	115	126	116	35.6	44.4	50.8	45.5
Male	157	133	108	129	49	58	51	53	31.2	43.6	47.2	41.1
Female	138	126	140	126	56	57	75	63	40.6	45.2	53.6	50.0
African American	133	127	112	122	26	51	47	54	19.5	40.2	42.0	44.3
Asian American	49	33	29	26	38	19	23	22	77.6	57.6	79.3	84.6
Hispanic	74	64	76	83	16	19	31	23	21.6	29.7	40.8	27.7
White	39	35	29	23	25	26	24	16	64.1	74.3	82.8	69.6
FARMS	111	116	112	144	16	40	50	59	14.4	34.5	44.6	41.0
Special Education	25	33	21	36	1	6	4	5	4.0	18.2	19.0	13.9
ESOL	26	19	20	15	3	3	7	4	11.5	15.8	35.0	26.7
Dr. Martin Luther King	293	274	221	216	94	156	129	131	32.1	56.9	58.4	60.6
Male	163	133	116	109	52	75	58	64	31.9	56.4	50.0	58.7
Female	130	141	105	107	42	81	71	67	32.3	57.4	67.6	62.6
African American	98	101	79	73	15	44	27	28	15.3	43.6	34.2	38.4
Asian American	40	27	17	21	27	21	13	17	67.5	77.8	76.5	81.0
Hispanic	49	67	41	50	10	32	23	33	20.4	47.8	56.1	66.0
White	102	79	84	72	42	59	66	53	41.2	74.7	78.6	73.6
FARMS	73	91	77	84	13	35	33	38	17.8	38.5	42.9	45.2
Special Education	48	49	30	39	1	6	2	5	2.1	12.2	6.7	12.8
ESOL	9	13	16	5	0	4	3	3	0.0	30.8	18.8	60.0

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Kingsview	410	232	271	312	195	112	157	224	47.6	48.3	57.9	71.8
Male	214	122	134	158	96	57	78	115	44.9	46.7	58.2	72.8
Female	196	110	137	154	99	55	79	109	50.5	50.0	57.7	70.8
African American	90	59	53	86	17	19	23	36	18.9	32.2	43.4	41.9
Asian American	74	65	65	94	55	48	51	90	74.3	73.8	78.5	95.7
Hispanic	58	33	46	31	15	7	13	17	25.9	21.2	28.3	54.8
White	187	74	107	99	108	37	70	79	57.8	50.0	65.4	79.8
FARMS	65	49	43	57	9	11	9	22	13.8	22.4	20.9	38.6
Special Education	52	22	29	32	7	6	7	7	13.5	27.3	24.1	21.9
ESOL	13	8	7	8	0	0	0	3	0.0	0.0	0.0	37.5
Lakelands Park	--	277	255	331	--	178	178	210	--	64.3	69.8	63.4
Male	--	149	139	173	--	98	100	109	--	65.8	71.9	63.0
Female	--	128	116	158	--	80	78	101	--	62.5	67.2	63.9
African American	--	46	40	58	--	17	19	23	--	37.0	47.5	39.7
Asian American	--	28	29	50	--	26	22	40	--	92.9	75.9	80.0
Hispanic	--	42	37	54	--	13	15	20	--	31.0	40.5	37.0
White	--	159	148	168	--	120	121	126	--	75.5	81.8	75.0
FARMS	--	46	38	59	--	12	14	23	--	26.1	36.8	39.0
Special Education	--	44	38	53	--	10	8	11	--	22.7	21.1	20.8
ESOL	--	13	7	10	--	2	0	2	--	15.4	0.0	20.0
Col. E. Brooke Lee	201	178	177	186	72	80	80	87	35.8	44.9	45.2	46.8
Male	113	87	95	100	43	37	48	50	38.1	42.5	50.5	50.0
Female	88	91	82	86	29	43	32	37	33.0	47.3	39.0	43.0
African American	70	62	58	59	16	23	26	24	22.9	37.1	44.8	40.7
Asian American	24	15	17	21	15	12	11	14	62.5	80.0	64.7	66.7
Hispanic	62	70	65	76	13	22	17	26	21.0	31.4	26.2	34.2
White	45	29	37	29	28	21	26	22	62.2	72.4	70.3	75.9
FARMS	83	83	87	88	16	28	24	31	19.3	33.7	27.6	35.2
Special Education	54	34	48	47	10	6	11	10	18.5	17.6	22.9	21.3
ESOL	16	13	16	18	2	2	0	1	12.5	15.4	0.0	5.6

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
A. Mario Loiederman	228	237	279	269	102	103	153	170	44.7	43.5	54.8	63.2
Male	122	133	88	112	51	56	41	57	41.8	42.1	46.6	50.9
Female	106	104	191	157	51	47	112	113	48.1	45.2	58.6	72.0
African American	50	49	77	82	17	14	40	50	34.0	28.6	51.9	61.0
Asian American	36	35	19	15	25	25	12	14	69.4	71.4	63.2	93.3
Hispanic	117	117	120	114	42	48	52	63	35.9	41.0	43.3	55.3
White	24	36	63	57	17	16	49	43	70.8	44.4	77.8	75.4
FARMS	132	121	137	130	51	51	58	71	38.6	42.1	42.3	54.6
Special Education	21	23	26	30	3	5	5	3	14.3	21.7	19.2	10.0
ESOL	24	24	20	14	2	2	4	3	8.3	8.3	20.0	21.4
Montgomery Village	218	275	240	212	63	94	74	135	28.9	34.2	30.8	63.7
Male	111	155	144	116	21	45	49	78	18.9	29.0	34.0	67.2
Female	107	120	96	96	42	49	25	57	39.3	40.8	26.0	59.4
African American	83	93	80	82	20	24	15	43	24.1	25.8	18.8	52.4
Asian American	24	26	25	22	9	14	13	17	37.5	53.8	52.0	77.3
Hispanic	67	96	95	57	11	26	26	35	16.4	27.1	27.4	61.4
White	44	59	38	50	23	30	18	39	52.3	50.8	47.4	78.0
FARMS	84	117	109	101	7	24	18	47	8.3	20.5	16.5	46.5
Special Education	52	62	50	45	2	6	8	14	3.8	9.7	16.0	31.1
ESOL	19	25	30	13	1	0	1	4	5.3	0.0	3.3	30.8
Neelsville	246	237	286	280	94	86	118	136	38.2	36.3	41.3	48.6
Male	120	112	135	147	51	36	51	68	42.5	32.1	37.8	46.3
Female	126	125	151	133	43	50	67	68	34.1	40.0	44.4	51.1
African American	78	72	103	106	21	15	28	41	26.9	20.8	27.2	38.7
Asian American	43	37	49	31	26	27	34	27	60.5	73.0	69.4	87.1
Hispanic	60	72	81	82	13	18	24	31	21.7	25.0	29.6	37.8
White	64	56	52	60	33	26	32	37	51.6	46.4	61.5	61.7
FARMS	81	97	124	115	24	20	39	37	29.6	20.6	31.5	32.2
Special Education	26	36	51	40	3	3	2	3	11.5	8.3	3.9	7.5
ESOL	33	22	33	27	3	2	3	1	9.1	9.1	9.1	3.7

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Newport Mill	216	205	209	215	117	110	118	138	54.2	53.7	56.5	64.2
Male	100	103	100	112	48	49	51	68	48.0	47.6	51.0	60.7
Female	116	102	109	103	69	61	67	70	59.5	59.8	61.5	68.0
African American	46	55	40	47	21	27	19	34	45.7	49.1	47.5	72.3
Asian American	27	21	24	27	20	15	19	20	74.1	71.4	79.2	74.1
Hispanic	99	96	98	103	45	42	47	52	45.5	43.8	48.0	50.5
White	43	33	47	38	30	26	33	32	69.8	78.8	70.2	84.2
FARMS	81	105	104	127	34	51	48	75	42.0	48.6	46.2	59.1
Special Education	30	27	39	46	2	4	5	15	6.7	14.8	12.8	32.6
ESOL	19	18	9	20	5	2	2	7	26.3	11.1	22.2	35.0
North Bethesda	226	221	248	265	153	169	200	207	67.7	76.5	80.6	78.1
Male	130	97	146	140	97	74	118	104	74.6	76.3	80.8	74.3
Female	96	124	102	125	56	95	82	103	58.3	76.6	80.4	82.4
African American	25	12	21	24	11	7	10	19	44.0	58.3	47.6	79.2
Asian American	21	23	21	33	17	20	18	28	81.0	87.0	85.7	84.8
Hispanic	30	22	20	29	15	13	11	20	50.0	59.1	55.0	69.0
White	150	164	183	179	110	129	160	140	73.3	78.7	87.4	78.2
FARMS	14	15	11	23	3	5	3	12	21.4	33.3	27.3	52.2
Special Education	36	24	38	33	11	9	19	17	30.6	37.5	50.0	51.5
ESOL	5	11	10	8	2	8	7	5	40.0	72.7	70.0	62.5
Parkland	161	171	243	249	47	62	147	111	29.2	36.3	60.5	44.6
Male	86	95	151	161	23	32	100	71	26.7	33.7	66.2	44.1
Female	75	76	92	88	24	30	47	40	32.0	39.5	51.1	45.5
African American	52	60	74	58	16	20	39	19	30.8	33.3	52.7	32.8
Asian American	21	8	41	29	14	8	37	23	66.7	100.0	90.2	79.3
Hispanic	74	84	104	125	10	22	54	37	13.5	26.2	51.9	29.6
White	14	18	23	37	7	12	17	32	50.0	66.7	73.9	86.5
FARMS	90	108	124	122	24	30	51	31	26.7	27.8	41.1	25.4
Special Education	18	16	30	30	2	3	9	2	11.1	18.8	30.0	6.7
ESOL	23	21	33	27	0	6	8	1	0.0	28.6	24.2	3.7

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Rosa M. Parks	321	314	307	339	132	163	173	252	41.1	51.9	56.4	74.3
Male	155	166	165	160	60	87	100	111	38.7	52.4	60.6	69.4
Female	166	148	142	179	72	76	73	141	43.4	51.4	51.4	78.8
African American	38	43	30	40	13	12	10	22	34.2	27.9	33.3	55.0
Asian American	33	26	30	35	19	15	21	31	57.6	57.7	70.0	88.6
Hispanic	23	28	28	28	6	10	11	16	26.1	35.7	39.3	57.1
White	226	217	219	235	94	126	131	183	41.6	58.1	59.8	77.9
FARMS	14	21	21	21	4	4	7	13	28.6	19.0	33.3	61.9
Special Education	38	26	23	32	2	1	1	7	5.3	3.8	4.3	21.9
ESOL	2	3	1	4	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
John Poole	144	135	121	146	92	93	80	86	63.9	68.9	66.1	58.9
Male	71	71	58	74	48	48	34	36	67.6	67.6	58.6	48.6
Female	73	64	63	72	44	45	46	50	60.3	70.3	73.0	69.4
African American	6	9	13	10	3	7	3	3	50.0	77.8	23.1	30.0
Asian American	1	2	4	1	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	5	4	12	6	4	n/r	6	4	80.0	n/r	50.0	66.7
White	132	119	91	128	84	82	67	79	63.6	68.9	73.6	61.7
FARMS	5	13	17	9	2	5	6	3	40.0	38.5	35.3	33.3
Special Education	11	14	10	17	0	1	1	0	0.0	7.1	10.0	0.0
ESOL	0	1	1	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Thomas W. Pyle	483	440	426	439	268	261	294	327	55.5	59.3	69.0	74.5
Male	259	249	220	222	135	150	152	169	52.1	60.2	69.1	76.1
Female	224	191	206	217	133	111	142	158	59.4	58.1	68.9	72.8
African American	17	18	15	14	3	5	7	6	17.6	27.8	46.7	42.9
Asian American	60	50	52	51	45	36	40	42	75.0	72.0	76.9	82.4
Hispanic	35	23	30	24	11	7	13	15	31.4	30.4	43.3	62.5
White	371	349	328	350	209	213	234	264	56.3	61.0	71.3	75.4
FARMS	9	3	11	12	1	n/r	2	3	11.1	n/r	18.2	25.0
Special Education	55	47	31	54	6	9	4	14	10.9	19.1	12.9	25.9
ESOL	14	20	13	19	3	7	2	7	21.4	35.0	15.4	36.8

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Redland	311	241	252	193	145	147	125	113	46.6	61.0	49.6	58.5
Male	164	110	146	96	79	63	74	54	48.2	57.3	50.7	56.3
Female	147	131	106	97	66	84	51	59	44.9	64.1	48.1	60.8
African American	74	42	52	55	19	10	11	18	25.7	23.8	21.2	32.7
Asian American	38	35	36	27	27	28	26	26	71.1	80.0	72.2	96.3
Hispanic	57	48	64	45	10	12	15	15	17.5	25.0	23.4	33.3
White	140	116	99	66	87	97	72	54	62.1	83.6	72.7	81.8
FARMS	79	70	80	55	9	20	14	14	11.4	28.6	17.5	25.5
Special Education	32	18	23	21	4	1	2	2	12.5	5.6	8.7	9.5
ESOL	14	9	13	7	1	2	2	0	7.1	22.2	15.4	0.0
Ridgeview	335	256	235	249	180	155	166	188	53.7	60.5	70.6	75.5
Male	180	133	120	132	96	72	84	99	53.3	54.1	70.0	75.0
Female	155	123	115	117	84	83	82	89	54.2	67.5	71.3	76.1
African American	43	41	33	35	9	10	12	17	20.9	24.4	36.4	48.6
Asian American	43	52	40	42	29	43	34	40	67.4	82.7	85.0	95.2
Hispanic	62	45	33	45	15	13	15	23	24.2	28.9	45.5	51.1
White	187	116	128	127	127	88	104	108	67.9	75.9	81.3	85.0
FARMS	62	55	39	49	14	12	14	23	22.6	21.8	35.9	46.9
Special Education	55	28	17	24	7	4	2	11	12.7	14.3	11.8	45.8
ESOL	12	16	8	13	3	6	3	4	25.0	37.5	37.5	30.8
Rocky Hill	313	314	363	356	157	162	176	208	50.2	51.6	48.5	58.4
Male	156	156	210	172	84	77	90	87	53.8	49.4	42.9	50.6
Female	157	158	153	184	73	85	86	121	46.5	53.8	56.2	65.8
African American	46	55	72	75	14	12	18	28	30.4	21.8	25.0	37.3
Asian American	37	39	48	60	27	29	27	51	73.0	74.4	56.3	85.0
Hispanic	39	38	53	50	7	10	16	16	17.9	26.3	30.2	32.0
White	190	181	190	169	109	110	115	111	57.4	60.8	60.5	65.7
FARMS	43	42	60	71	8	7	15	23	18.6	16.7	25.0	32.4
Special Education	40	26	41	46	8	2	1	4	20.0	7.7	2.4	8.7
ESOL	0	7	8	7	n/r	0	2	0	n/r	0.0	25.0	0.0

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Shady Grove	216	224	205	196	109	130	137	137	50.5	58.0	66.8	69.9
Male	106	112	102	108	52	59	66	73	49.1	52.7	64.7	67.6
Female	110	112	103	88	57	71	71	64	51.8	63.4	68.9	72.7
African American	42	49	44	47	13	18	21	27	31.0	36.7	47.7	57.4
Asian American	29	30	34	35	22	25	29	32	75.9	83.3	85.3	91.4
Hispanic	50	63	50	67	15	25	23	39	30.0	39.7	46.0	58.2
White	95	81	77	47	59	62	64	39	62.1	76.5	83.1	83.0
FARMS	42	55	60	70	11	19	24	39	26.2	34.5	40.0	55.7
Special Education	29	19	34	22	4	3	12	8	13.8	15.8	35.3	36.4
ESOL	10	10	15	13	0	3	4	2	0.0	30.0	26.7	15.4
Silver Spring Int'l	266	248	279	229	78	81	128	142	29.3	32.7	45.9	62.0
Male	136	136	138	116	37	53	55	75	27.2	39.0	39.9	64.7
Female	130	112	141	113	41	28	73	67	31.5	25.0	51.8	59.3
African American	98	82	84	73	23	14	23	45	23.5	17.1	27.4	61.6
Asian American	22	18	21	23	11	9	14	20	50.0	50.0	66.7	87.0
Hispanic	100	88	94	89	13	12	24	41	13.0	13.6	25.5	46.1
White	46	60	80	44	31	46	67	36	67.4	76.7	83.8	81.8
FARMS	133	116	116	115	20	16	24	59	15.0	13.8	20.7	51.3
Special Education	32	29	24	35	2	2	4	8	6.3	6.9	16.7	22.9
ESOL	22	20	23	27	0	0	1	11	0.0	0.0	4.3	40.7
Sligo	191	209	210	207	75	103	119	124	39.3	49.3	56.7	59.9
Male	100	109	104	108	34	50	59	64	34.0	45.9	56.7	59.3
Female	91	100	106	99	41	53	60	60	45.1	53.0	56.6	60.6
African American	56	62	54	58	15	29	23	35	26.8	46.8	42.6	60.3
Asian American	17	22	24	20	8	11	21	15	47.1	50.0	87.5	75.0
Hispanic	59	79	89	92	9	30	43	43	15.3	38.0	48.3	46.7
White	59	44	43	36	43	33	32	31	72.9	75.0	74.4	86.1
FARMS	61	99	91	93	14	37	37	47	23.0	37.4	40.7	50.5
Special Education	35	33	27	27	3	3	7	9	8.6	9.1	25.9	33.3
ESOL	12	18	15	17	0	3	4	1	0.0	16.7	26.7	5.9

(continued)

Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Takoma Park	336	298	300	285	215	201	209	201	64.0	67.4	69.7	70.5
Male	187	165	172	144	125	114	121	102	66.8	69.1	70.3	70.8
Female	149	133	128	141	90	87	88	99	60.4	65.4	68.8	70.2
African American	109	91	93	101	37	32	42	52	33.9	35.2	45.2	51.5
Asian American	62	55	52	48	54	54	50	44	87.1	98.2	96.2	91.7
Hispanic	51	39	46	48	20	13	12	20	39.2	33.3	26.1	41.7
White	114	113	107	88	104	102	103	85	91.2	90.3	96.3	96.6
FARMS	63	61	73	87	15	18	24	32	23.8	29.5	32.9	36.8
Special Education	19	17	18	15	4	6	10	4	21.1	35.3	55.6	26.7
ESOL	18	17	19	28	1	2	1	0	5.6	11.8	5.3	0.0
Tilden	265	298	263	234	160	191	177	167	60.4	64.1	67.3	71.4
Male	144	139	125	129	84	87	85	89	58.3	62.6	68.0	69.0
Female	121	159	138	105	76	104	92	78	62.8	65.4	66.7	74.3
African American	29	26	35	21	4	2	10	6	13.8	7.7	28.6	28.6
Asian American	48	62	43	43	37	53	31	36	77.1	85.5	72.1	83.7
Hispanic	40	47	37	51	20	12	20	29	50.0	25.5	54.1	56.9
White	148	160	145	117	99	121	114	94	66.9	75.6	78.6	80.3
FARMS	33	44	29	37	8	8	9	13	24.2	18.2	31.0	35.1
Special Education	51	74	63	38	2	3	12	6	3.9	4.1	19.0	15.8
ESOL	21	26	18	18	13	11	5	11	61.9	42.3	27.8	61.1
Julius West	381	330	344	362	194	204	215	234	50.9	61.8	62.5	64.6
Male	216	158	162	177	113	86	96	103	52.3	54.4	59.3	58.2
Female	165	172	182	185	81	118	119	131	49.1	68.6	65.4	70.8
African American	84	67	62	65	19	24	29	29	22.6	35.8	46.8	44.6
Asian American	72	70	60	72	49	54	44	62	68.1	77.1	73.3	86.1
Hispanic	70	63	61	87	19	23	20	33	27.1	36.5	32.8	37.9
White	154	126	160	136	106	101	121	109	68.8	80.2	75.6	80.1
FARMS	104	92	97	105	30	32	31	38	28.8	34.8	32.0	36.2
Special Education	52	40	42	35	5	5	5	7	9.6	12.5	11.9	20.0
ESOL	50	37	40	46	13	7	11	10	26.0	18.9	27.5	21.7

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Table A2
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Middle School and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Westland	356	389	382	421	217	274	279	337	61.0	70.4	73.0	80.0
Male	186	195	198	201	116	130	138	156	62.4	66.7	69.7	77.6
Female	170	194	184	220	101	144	141	181	59.4	74.2	76.6	82.3
African American	52	65	55	60	17	31	24	37	32.7	47.7	43.6	61.7
Asian American	25	29	31	32	15	20	25	20	60.0	69.0	80.6	62.5
Hispanic	51	43	37	59	14	15	18	32	27.5	34.9	48.6	54.2
White	228	250	256	269	171	207	210	247	75.0	82.8	82.0	91.8
FARMS	34	43	37	53	7	8	14	25	20.6	18.6	37.8	47.2
Special Education	38	30	35	31	10	9	5	11	26.3	30.0	14.3	35.5
ESOL	15	14	8	15	2	2	2	3	13.3	14.3	25.0	20.0
White Oak	328	300	254	271	97	128	127	129	29.6	42.7	50.0	47.6
Male	164	151	127	153	45	66	64	71	27.4	43.7	50.4	46.4
Female	164	149	127	118	52	62	63	58	31.7	41.6	49.6	49.2
African American	126	115	95	103	20	43	36	43	15.9	37.4	37.9	41.7
Asian American	40	46	34	32	23	29	24	22	57.5	63.0	70.6	68.8
Hispanic	72	79	71	93	6	17	23	27	8.3	21.5	32.4	29.0
White	88	57	54	42	48	37	44	36	54.5	64.9	81.5	85.7
FARMS	107	117	123	126	6	21	37	31	5.6	17.9	30.1	24.6
Special Education	56	53	37	36	3	4	3	1	5.4	7.5	8.1	2.8
ESOL	25	24	23	14	1	1	2	0	4.0	4.2	8.7	0.0
Earle B. Wood	318	293	257	249	138	117	172	200	43.4	39.9	66.9	80.3
Male	160	147	145	125	70	59	97	106	43.8	40.1	66.9	84.8
Female	158	146	112	124	68	58	75	94	43.0	39.7	67.0	75.8
African American	60	63	35	40	14	9	20	26	23.3	14.3	57.1	65.0
Asian American	41	36	30	28	27	27	25	26	65.9	75.0	83.3	92.9
Hispanic	67	73	82	73	15	15	35	51	22.4	20.5	42.7	69.9
White	146	119	109	108	81	65	91	97	55.5	54.6	83.5	89.8
FARMS	63	85	71	81	13	14	21	55	20.6	16.5	29.6	67.9
Special Education	41	38	34	37	1	4	11	19	2.4	10.5	32.4	51.4
ESOL	8	18	20	9	1	1	3	6	12.5	5.6	15.0	66.7

Note. American Indian students are included with all students but are not reported separately. Results are not reported (--) for schools that did not have Grade 8 students during that academic year. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages.

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All High Schools	11672	11605	11458	11481	8805	8883	8823	8955	75.4	76.5	77.0	78.0
Male	6014	6079	5861	5893	4351	4486	4349	4457	72.3	73.8	74.2	75.6
Female	5658	5526	5597	5588	4454	4397	4474	4498	78.7	79.6	79.9	80.5
African American	2718	2772	2821	2754	1600	1699	1841	1833	58.9	61.3	65.3	66.6
Asian American	1628	1701	1660	1702	1465	1550	1474	1524	90.0	91.1	88.8	89.5
Hispanic	2438	2390	2469	2581	1345	1331	1534	1639	55.2	55.7	62.1	63.5
White	4855	4712	4474	4418	4365	4278	3948	3939	89.9	90.8	88.2	89.2
FARMS	2521	2562	2781	2932	1255	1327	1628	1771	49.8	51.8	58.5	60.4
Special Education	1458	1410	1435	1325	624	588	690	675	42.8	41.7	48.1	50.9
ESOL	930	909	868	850	365	360	412	407	39.2	39.6	47.5	47.9
Bethesda-Chevy Chase	418	404	444	460	367	352	361	384	87.8	87.1	81.3	83.5
Male	211	200	226	243	188	171	183	197	89.1	85.5	81.0	81.1
Female	207	204	218	217	179	181	178	187	86.5	88.7	81.7	86.2
African American	71	55	73	71	52	42	51	48	73.2	76.4	69.9	67.6
Asian American	33	31	35	36	29	27	27	32	87.9	87.1	77.1	88.9
Hispanic	72	59	58	61	50	38	39	40	69.4	64.4	67.2	65.6
White	241	259	276	289	235	245	242	262	97.5	94.6	87.7	90.7
FARMS	40	43	38	47	23	27	23	27	57.5	62.8	60.5	57.4
Special Education	49	42	35	39	28	28	19	19	57.1	66.7	54.3	48.7
ESOL	16	22	28	21	7	17	16	7	43.8	77.3	57.1	33.3
Montgomery Blair	727	761	748	766	472	544	562	608	64.9	71.5	75.1	79.4
Male	395	382	372	394	250	263	280	308	63.3	68.8	75.3	78.2
Female	332	379	376	372	222	281	282	300	66.9	74.1	75.0	80.6
African American	210	230	226	220	108	156	156	162	51.4	67.8	69.0	73.6
Asian American	131	131	119	135	114	119	105	129	87.0	90.8	88.2	95.6
Hispanic	221	229	213	227	96	107	127	140	43.4	46.7	59.6	61.7
White	164	171	190	182	153	162	174	175	93.3	94.7	91.6	96.2
FARMS	252	274	266	279	105	141	167	178	41.7	51.5	62.8	63.8
Special Education	66	54	53	65	21	21	15	32	31.8	38.9	28.3	49.2
ESOL	106	105	81	102	26	25	31	45	24.5	23.8	38.3	44.1

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
James Hubert Blake	518	434	474	480	410	322	328	386	79.2	74.2	69.2	80.4
Male	236	210	219	220	172	139	141	167	72.9	66.2	64.4	75.9
Female	282	224	255	260	238	183	187	219	84.4	81.7	73.3	84.2
African American	181	172	231	203	117	100	139	147	64.6	58.1	60.2	72.4
Asian American	48	35	41	47	42	30	37	44	87.5	85.7	90.2	93.6
Hispanic	65	75	67	86	36	54	39	65	55.4	72.0	58.2	75.6
White	221	151	133	142	212	137	111	130	95.9	90.7	83.5	91.5
FARMS	59	98	109	149	29	48	57	107	49.2	49.0	52.3	71.8
Special Education	55	48	62	46	29	14	28	23	52.7	29.2	45.2	50.0
ESOL	1	5	11	8	n/r	3	4	8	n/r	60.0	36.4	100.0
Winston Churchill	542	552	510	524	515	535	473	496	95.0	96.9	92.7	94.7
Male	299	303	264	283	285	290	235	264	95.3	95.7	89.0	93.3
Female	243	249	246	241	230	245	238	232	94.7	98.4	96.7	96.3
African American	29	41	33	37	20	35	29	33	69.0	85.4	87.9	89.2
Asian American	118	139	116	127	116	136	113	120	98.3	97.8	97.4	94.5
Hispanic	33	22	23	29	27	22	22	27	81.8	100.0	95.7	93.1
White	362	349	337	331	352	341	308	316	97.2	97.7	91.4	95.5
FARMS	19	19	11	12	14	14	10	9	73.7	73.7	90.9	75.0
Special Education	64	50	69	65	50	39	54	51	78.1	78.0	78.3	78.5
ESOL	1	2	2	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Clarksburg	--	412	424	475	--	331	355	382	--	80.3	83.7	80.4
Male	--	219	199	253	--	167	163	193	--	76.3	81.9	76.3
Female	--	193	225	222	--	164	192	189	--	85.0	85.3	85.1
African American	--	120	136	170	--	81	100	122	--	67.5	73.5	71.8
Asian American	--	56	64	71	--	54	60	63	--	96.4	93.8	88.7
Hispanic	--	89	90	98	--	62	73	72	--	69.7	81.1	73.5
White	--	145	133	136	--	132	121	125	--	91.0	91.0	91.9
FARMS	--	103	117	131	--	71	79	93	--	68.9	67.5	71.0
Special Education	--	53	54	75	--	27	35	41	--	50.9	64.8	54.7
ESOL	--	32	33	25	--	16	21	16	--	50.0	63.6	64.0

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Damascus	532	378	343	332	442	310	305	301	83.1	82.0	88.9	90.7
Male	264	178	181	164	216	137	162	145	81.8	77.0	89.5	88.4
Female	268	200	162	168	226	173	143	156	84.3	86.5	88.3	92.9
African American	60	28	30	38	39	16	23	28	65.0	57.1	76.7	73.7
Asian American	51	13	14	24	44	11	14	21	86.3	84.6	100.0	87.5
Hispanic	57	53	46	31	39	33	35	24	68.4	62.3	76.1	77.4
White	360	280	253	238	316	248	233	228	87.8	88.6	92.1	95.8
FARMS	65	40	43	46	37	23	28	32	56.9	57.5	65.1	69.6
Special Education	70	55	47	37	35	26	30	21	50.0	47.3	63.8	56.8
ESOL	1	0	1	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Albert Einstein	424	439	430	415	278	290	288	308	65.6	66.1	67.0	74.2
Male	226	216	212	178	132	128	127	122	58.4	59.3	59.9	68.5
Female	198	223	218	237	146	162	161	186	73.7	72.6	73.9	78.5
African American	88	107	116	95	42	66	79	68	47.7	61.7	68.1	71.6
Asian American	54	50	29	34	46	41	25	32	85.2	82.0	86.2	94.1
Hispanic	195	177	214	187	111	88	122	117	56.9	49.7	57.0	62.6
White	85	104	69	99	78	94	61	91	91.8	90.4	88.4	91.9
FARMS	181	174	193	175	94	91	114	119	51.9	52.3	59.1	68.0
Special Education	69	65	65	47	27	17	26	24	39.1	26.2	40.0	51.1
ESOL	72	60	58	38	24	20	21	15	33.3	33.3	36.2	39.5
Gaithersburg	617	561	549	531	386	353	416	356	62.6	62.9	75.8	67.0
Male	326	273	265	275	195	173	189	172	59.8	63.4	71.3	62.5
Female	291	288	284	256	191	180	227	184	65.6	62.5	79.9	71.9
African American	176	147	149	137	95	87	106	89	54.0	59.2	71.1	65.0
Asian American	56	63	50	50	47	52	45	45	83.9	82.5	90.0	90.0
Hispanic	204	203	188	217	92	88	122	120	45.1	43.3	64.9	55.3
White	180	147	162	127	151	125	143	102	83.9	85.0	88.3	80.3
FARMS	196	188	194	219	80	80	133	125	40.8	42.6	68.6	57.1
Special Education	97	90	87	79	26	34	49	39	26.8	37.8	56.3	49.4
ESOL	81	95	73	98	21	31	55	43	25.9	32.6	75.3	43.9

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Walter Johnson	516	512	505	536	437	416	415	456	84.7	81.3	82.2	85.1
Male	262	277	229	270	218	222	190	235	83.2	80.1	83.0	87.0
Female	254	235	276	266	219	194	225	221	86.2	82.6	81.5	83.1
African American	62	55	40	62	40	27	19	43	64.5	49.1	47.5	69.4
Asian American	68	77	75	61	56	69	67	53	82.4	89.6	89.3	86.9
Hispanic	56	83	67	65	46	57	42	51	82.1	68.7	62.7	78.5
White	330	296	321	342	295	263	285	304	89.4	88.9	88.8	88.9
FARMS	35	41	40	31	20	22	19	14	57.1	53.7	47.5	45.2
Special Education	80	80	78	85	34	27	40	55	42.5	33.8	51.3	64.7
ESOL	33	43	35	35	26	24	19	24	78.8	55.8	54.3	68.6
John F. Kennedy	369	438	428	474	233	279	303	318	63.1	63.7	70.8	67.1
Male	200	232	225	238	109	135	154	157	54.5	58.2	68.4	66.0
Female	169	206	203	236	124	144	149	161	73.4	69.9	73.4	68.2
African American	151	191	206	185	94	120	134	124	62.3	62.8	65.0	67.0
Asian American	29	56	37	48	22	45	32	39	75.9	80.4	86.5	81.3
Hispanic	136	141	150	202	72	70	106	126	52.9	49.6	70.7	62.4
White	52	49	34	39	44	43	30	29	84.6	87.8	88.2	74.4
FARMS	136	165	192	239	64	88	119	147	47.1	53.3	62.0	61.5
Special Education	62	66	55	69	15	18	17	29	24.2	27.3	30.9	42.0
ESOL	49	65	49	56	12	23	24	29	24.5	35.4	49.0	51.8
Col. Zadok Magruder	533	534	492	502	407	418	362	394	76.4	78.3	73.6	78.5
Male	264	268	248	282	187	210	169	211	70.8	78.4	68.1	74.8
Female	269	266	244	220	220	208	193	183	81.8	78.2	79.1	83.2
African American	103	119	96	107	58	76	57	75	56.3	63.9	59.4	70.1
Asian American	72	65	66	73	68	60	57	68	94.4	92.3	86.4	93.2
Hispanic	105	119	128	130	56	66	74	83	53.3	55.5	57.8	63.8
White	252	229	201	191	224	214	174	167	88.9	93.4	86.6	87.4
FARMS	116	123	119	155	52	61	63	93	44.8	49.6	52.9	60.0
Special Education	79	61	49	65	36	27	17	34	45.6	44.3	34.7	52.3
ESOL	29	30	30	31	11	10	9	23	37.9	33.3	30.0	74.2

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Richard Montgomery	489	504	481	516	400	443	406	444	81.8	87.9	84.4	86.0
Male	246	270	231	240	190	227	185	195	77.2	84.1	80.1	81.3
Female	243	234	250	276	210	216	221	249	86.4	92.3	88.4	90.2
African American	90	95	95	73	53	70	66	48	58.9	73.7	69.5	65.8
Asian American	103	120	127	129	96	116	118	120	93.2	96.7	92.9	93.0
Hispanic	81	79	69	83	55	61	46	62	67.9	77.2	66.7	74.7
White	214	209	187	230	195	195	174	213	91.1	93.3	93.0	92.6
FARMS	94	92	89	102	59	68	60	72	62.8	73.9	67.4	70.6
Special Education	44	54	42	49	18	33	25	29	40.9	61.1	59.5	59.2
ESOL	50	45	49	46	39	31	31	32	78.0	68.9	63.3	69.6
Northwest	540	505	524	523	448	398	421	406	83.0	78.8	80.3	77.6
Male	272	257	264	269	222	193	210	204	81.6	75.1	79.5	75.8
Female	268	248	260	254	226	205	211	202	84.3	82.7	81.2	79.5
African American	144	156	171	158	94	100	113	104	65.3	64.1	66.1	65.8
Asian American	92	79	81	76	88	74	75	74	95.7	93.7	92.6	97.4
Hispanic	92	83	93	101	71	55	73	59	77.2	66.3	78.5	58.4
White	209	186	176	187	192	168	157	168	91.9	90.3	89.2	89.8
FARMS	99	100	121	111	61	53	81	60	61.6	53.0	66.9	54.1
Special Education	72	67	79	74	43	38	44	41	59.7	56.7	55.7	55.4
ESOL	4	3	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Northwood	371	307	348	370	220	202	236	265	59.3	65.8	67.8	71.6
Male	189	156	179	191	103	95	117	131	54.5	60.9	65.4	68.6
Female	182	151	169	179	117	107	119	134	64.3	70.9	70.4	74.9
African American	121	114	111	135	63	71	67	89	52.1	62.3	60.4	65.9
Asian American	13	15	33	21	11	13	25	18	84.6	86.7	75.8	85.7
Hispanic	138	108	130	124	67	58	81	80	48.6	53.7	62.3	64.5
White	99	70	71	88	79	60	60	76	79.8	85.7	84.5	86.4
FARMS	108	111	136	143	47	57	84	82	43.5	51.4	61.8	57.3
Special Education	60	45	45	56	29	19	25	25	48.3	42.2	55.6	44.6
ESOL	36	30	42	22	7	10	16	6	19.4	33.3	38.1	27.3

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Paint Branch	425	491	473	453	314	369	353	274	73.9	75.2	74.6	60.5
Male	230	249	221	212	171	181	159	116	74.3	72.7	71.9	54.7
Female	195	242	252	241	143	188	194	158	73.3	77.7	77.0	65.6
African American	199	242	238	229	122	150	156	118	61.3	62.0	65.5	51.5
Asian American	91	92	82	83	87	85	75	68	95.6	92.4	91.5	81.9
Hispanic	48	48	52	61	32	36	33	30	66.7	75.0	63.5	49.2
White	86	108	99	79	72	97	87	57	83.7	89.8	87.9	72.2
FARMS	86	124	126	122	47	64	75	56	54.7	51.6	59.5	45.9
Special Education	36	41	44	35	15	13	16	7	41.7	31.7	36.4	20.0
ESOL	10	6	9	9	8	3	7	4	80.0	50.0	77.8	44.4
Poolesville	223	293	287	288	215	284	271	267	96.4	96.9	94.4	92.7
Male	100	155	147	128	95	151	137	121	95.0	97.4	93.2	94.5
Female	123	138	140	160	120	133	134	146	97.6	96.4	95.7	91.3
African American	13	17	14	23	12	15	14	23	92.3	88.2	100.0	100.0
Asian American	7	46	66	71	7	46	64	68	100.0	100.0	97.0	95.8
Hispanic	4	15	10	14	n/r	14	10	13	n/r	93.3	100.0	92.9
White	197	213	194	179	190	207	181	162	96.4	97.2	93.3	90.5
FARMS	7	7	21	14	7	6	20	13	100.0	85.7	95.2	92.9
Special Education	13	18	18	14	9	14	14	14	69.2	77.8	77.8	100.0
ESOL	0	0	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Quince Orchard	467	457	496	428	328	315	363	328	70.2	68.9	73.2	76.6
Male	232	249	279	240	159	167	186	181	68.5	67.1	66.7	75.4
Female	235	208	217	188	169	148	177	147	71.9	71.2	81.6	78.2
African American	82	93	95	72	41	44	49	45	50.0	47.3	51.6	62.5
Asian American	62	50	71	56	52	46	65	42	83.9	92.0	91.5	75.0
Hispanic	94	95	116	85	36	34	57	52	38.3	35.8	49.1	61.2
White	228	219	212	214	199	191	191	188	87.3	87.2	90.1	87.9
FARMS	99	97	117	89	33	40	54	48	33.3	41.2	46.2	53.9
Special Education	56	72	82	50	21	30	41	17	37.5	41.7	50.0	34.0
ESOL	54	46	58	30	16	10	24	4	29.6	21.7	41.4	13.3

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Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Rockville	337	361	334	315	233	247	201	232	69.1	68.4	60.2	73.7
Male	172	197	181	179	116	120	95	127	67.4	60.9	52.5	70.9
Female	165	164	153	136	117	127	106	105	70.9	77.4	69.3	77.2
African American	67	74	62	52	34	37	29	37	50.7	50.0	46.8	71.2
Asian American	35	47	45	45	32	43	36	36	91.4	91.5	80.0	80.0
Hispanic	79	81	96	91	35	38	47	59	44.3	46.9	49.0	64.8
White	155	155	128	126	131	126	88	99	84.5	81.3	68.8	78.6
FARMS	76	78	81	87	32	39	32	51	42.1	50.0	39.5	58.6
Special Education	39	54	60	59	10	12	14	21	25.6	22.2	23.3	35.6
ESOL	23	26	25	29	17	11	11	16	73.9	42.3	44.0	55.2
Seneca Valley	441	345	334	348	250	206	241	245	56.7	59.7	72.2	70.4
Male	232	191	171	178	119	112	125	120	51.3	58.6	73.1	67.4
Female	209	154	163	170	131	94	116	125	62.7	61.0	71.2	73.5
African American	138	104	109	120	60	44	73	68	43.5	42.3	67.0	56.7
Asian American	52	54	35	34	37	42	28	26	71.2	77.8	80.0	76.5
Hispanic	92	66	96	75	36	31	59	52	39.1	47.0	61.5	69.3
White	158	119	94	119	116	87	81	99	73.4	73.1	86.2	83.2
FARMS	126	87	108	104	55	39	62	61	43.7	44.8	57.4	58.7
Special Education	59	56	49	34	4	8	20	13	6.8	14.3	40.8	38.2
ESOL	63	33	39	38	27	16	13	17	42.9	48.5	33.3	44.7
Sherwood	581	518	523	512	442	437	455	434	76.1	84.4	87.0	84.8
Male	298	274	270	269	210	232	234	229	70.5	84.7	86.7	85.1
Female	283	244	253	243	232	205	221	205	82.0	84.0	87.4	84.4
African American	99	88	100	89	52	63	80	63	52.5	71.6	80.0	70.8
Asian American	73	61	54	53	60	56	48	46	82.2	91.8	88.9	86.8
Hispanic	60	56	53	59	29	25	35	41	48.3	44.6	66.0	69.5
White	344	312	315	311	297	292	292	284	86.3	93.6	92.7	91.3
FARMS	85	66	82	71	30	33	50	47	35.3	50.0	61.0	66.2
Special Education	67	47	49	41	28	31	33	28	41.8	66.0	67.3	68.3
ESOL	65	49	44	44	15	22	23	23	23.1	44.9	52.3	52.3

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Springbrook	560	486	466	458	361	333	297	296	64.5	68.5	63.7	64.6
Male	309	288	251	240	191	187	147	150	61.8	64.9	58.6	62.5
Female	251	198	215	218	170	146	150	146	67.7	73.7	69.8	67.0
African American	259	215	209	201	170	136	135	127	65.6	63.3	64.6	63.2
Asian American	85	73	78	65	73	63	58	56	85.9	86.3	74.4	86.2
Hispanic	156	104	116	140	67	54	55	74	42.9	51.9	47.4	52.9
White	60	91	62	52	51	78	48	39	85.0	85.7	77.4	75.0
FARMS	205	157	182	194	113	69	88	101	55.1	43.9	48.4	52.1
Special Education	57	49	52	46	8	12	10	17	14.0	24.5	19.2	37.0
ESOL	40	40	40	41	10	6	16	12	25.0	15.0	40.0	29.3
Watkins Mill	589	414	447	404	373	249	270	252	63.3	60.1	60.4	62.4
Male	304	204	236	226	177	112	129	135	58.2	54.9	54.7	59.7
Female	285	210	211	178	196	137	141	117	68.8	65.2	66.8	65.7
African American	213	160	159	160	112	74	84	93	52.6	46.3	52.8	58.1
Asian American	50	52	47	46	42	45	35	32	84.0	86.5	74.5	69.6
Hispanic	189	112	159	134	113	61	90	80	59.8	54.5	56.6	59.7
White	136	89	81	62	105	68	60	46	77.2	76.4	74.1	74.2
FARMS	219	149	182	175	113	74	87	93	51.6	49.7	47.8	53.1
Special Education	109	87	101	72	33	23	29	30	30.3	26.4	28.7	41.7
ESOL	77	54	52	38	34	24	18	10	44.2	44.4	34.6	26.3
Wheaton	378	390	318	328	269	252	205	205	71.2	64.6	64.5	62.5
Male	210	236	204	200	149	146	129	124	71.0	61.9	63.2	62.0
Female	168	154	114	128	120	106	76	81	71.4	68.8	66.7	63.3
African American	98	84	71	65	78	58	50	48	79.6	69.0	70.4	73.8
Asian American	26	46	42	34	25	38	29	24	96.2	82.6	69.0	70.6
Hispanic	213	215	172	206	135	118	102	116	63.4	54.9	59.3	56.3
White	40	45	33	23	30	38	24	17	75.0	84.4	72.7	73.9
FARMS	172	187	173	201	113	101	98	124	65.7	54.0	56.6	61.7
Special Education	40	41	35	44	22	14	15	20	55.0	34.1	42.9	45.5
ESOL	60	81	59	82	10	27	16	35	16.7	33.3	27.1	42.7

(continued)

Table A3
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by High School and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
Walt Whitman	443	486	484	462	410	458	405	399	92.6	94.2	83.7	86.4
Male	223	264	267	232	204	249	221	198	91.5	94.3	82.8	85.3
Female	220	222	217	230	206	209	184	201	93.6	94.1	84.8	87.4
African American	20	19	22	22	10	14	12	14	50.0	73.7	54.5	63.6
Asian American	58	63	56	62	55	61	51	57	94.8	96.8	91.1	91.9
Hispanic	30	39	29	41	26	35	22	31	86.7	89.7	75.9	75.6
White	335	365	377	336	319	348	320	296	95.2	95.3	84.9	88.1
FARMS	12	11	10	14	3	5	5	6	25.0	45.5	50.0	42.9
Special Education	53	49	67	40	39	37	41	22	73.6	75.5	61.2	55.0
ESOL	29	20	32	38	22	14	21	26	75.9	70.0	65.6	68.4
Thomas S. Wootton	632	623	596	581	595	540	531	519	94.1	86.7	89.1	89.3
Male	314	331	320	289	293	279	282	255	93.3	84.3	88.1	88.2
Female	318	292	276	292	302	261	249	264	95.0	89.4	90.2	90.4
African American	44	46	29	30	34	17	20	17	77.3	37.0	69.0	56.7
Asian American	221	187	197	221	216	178	185	211	97.7	95.2	93.9	95.5
Hispanic	18	39	34	34	14	26	23	25	77.8	66.7	67.6	73.5
White	347	351	336	296	329	319	303	266	94.8	90.9	90.2	89.9
FARMS	34	28	31	22	24	13	20	13	70.6	46.4	64.5	59.1
Special Education	62	66	58	39	44	26	33	23	71.0	39.4	56.9	59.0
ESOL	30	17	18	19	29	14	13	12	96.7	82.4	72.2	63.2

Note. American Indian students are included with all students but are not reported separately. Results are not reported (--) for schools that were not open during that academic year. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages.

Table A4
 Number and Percentage of MCPS Grade 7 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Special School/Program and Demographic Group

School/Group	N of Grade 7 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All Special Schools	44	45	50	51	1	0	0	1	2.3	0.0	0.0	2.0
Male	40	37	36	33	1	0	0	1	2.5	0.0	0.0	3.0
Female	4	8	14	18	n/r	0	0	0	n/r	0.0	0.0	0.0
African American	14	22	27	30	0	0	0	0	0.0	0.0	0.0	0.0
Asian American	4	3	1	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	18	11	9	9	0	0	0	0	0.0	0.0	0.0	0.0
White	8	9	13	9	1	0	0	1	12.5	0.0	0.0	11.1
FARMS	27	24	32	32	0	0	0	0	0.0	0.0	0.0	0.0
Special Education	24	16	30	22	1	0	0	1	4.2	0.0	0.0	4.5
ESOL	2	3	0	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Alternative Programs	24	32	21	34	0	0	0	0	0.0	0.0	0.0	0.0
Male	22	28	14	20	0	0	0	0	0.0	0.0	0.0	0.0
Female	2	4	7	14	n/r	n/r	0	0	n/r	n/r	0.0	0.0
African American	7	16	15	22	0	0	0	0	0.0	0.0	0.0	0.0
Asian American	2	2	0	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	13	10	4	6	0	0	n/r	0	0.0	0.0	n/r	0.0
White	2	4	2	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
FARMS	18	20	17	25	0	0	0	0	0.0	0.0	0.0	0.0
Special Education	4	4	1	6	n/r	n/r	n/r	0	n/r	n/r	n/r	0.0
ESOL	2	3	0	2	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
RICA	14	10	11	5	1	0	0	1	7.1	0.0	0.0	20.0
Male	12	7	6	5	1	0	0	1	8.3	0.0	0.0	20.0
Female	2	3	5	0	n/r	n/r	0	n/r	n/r	n/r	0.0	n/r
African American	5	5	7	2	0	0	0	n/r	0.0	0.0	0.0	n/r
Asian American	1	0	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	3	0	2	1	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
White	5	5	2	2	1	0	n/r	n/r	20.0	0.0	n/r	n/r
FARMS	4	2	7	3	n/r	n/r	0	n/r	n/r	n/r	0.0	n/r
Special Education	14	9	11	5	1	0	0	1	7.1	0.0	0.0	20.0
ESOL	0	0	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r

Note. American Indian students are included with all students but are not reported separately. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages.

Table A5
 Number and Percentage of MCPS Grade 8 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Special School/Program and Demographic Group

School/Group	N of Grade 8 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All Special Schools	77	67	86	79	0	1	1	0	0.0	1.5	1.2	0.0
Male	51	44	64	60	0	1	1	0	0.0	2.3	1.6	0.0
Female	26	23	22	19	0	0	0	0	0.0	0.0	0.0	0.0
African American	37	34	42	39	0	0	0	0	0.0	0.0	0.0	0.0
Asian American	2	5	5	4	n/r	0	0	n/r	n/r	0.0	0.0	n/r
Hispanic	17	13	22	26	0	1	0	0	0.0	7.7	0.0	0.0
White	19	15	17	10	0	0	1	0	0.0	0.0	5.9	0.0
FARMS	47	35	48	52	0	0	0	0	0.0	0.0	0.0	0.0
Special Education	28	29	38	32	0	0	1	0	0.0	0.0	2.6	0.0
ESOL	1	4	5	4	n/r	n/r	0	n/r	n/r	n/r	0.0	n/r
Alternative Programs	53	45	53	50	0	1	0	0	0.0	2.2	0.0	0.0
Male	35	29	42	39	0	1	0	0	0.0	3.4	0.0	0.0
Female	18	16	11	11	0	0	0	0	0.0	0.0	0.0	0.0
African American	25	26	29	25	0	0	0	0	0.0	0.0	0.0	0.0
Asian American	2	4	3	2	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	17	11	17	22	0	1	0	0	0.0	9.1	0.0	0.0
White	8	4	4	1	0	n/r	n/r	n/r	0.0	n/r	n/r	n/r
FARMS	36	30	41	37	0	0	0	0	0.0	0.0	0.0	0.0
Special Education	4	9	7	4	n/r	0	0	n/r	n/r	0.0	0.0	n/r
ESOL	1	3	5	4	n/r	n/r	0	n/r	n/r	n/r	0.0	n/r
RICA	20	18	18	14	0	0	1	0	0.0	0.0	5.6	0.0
Male	12	12	12	8	0	0	1	0	0.0	0.0	8.3	0.0
Female	8	6	6	6	0	0	0	0	0.0	0.0	0.0	0.0
African American	9	7	7	9	0	0	0	0	0.0	0.0	0.0	0.0
Asian American	0	0	1	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	0	1	3	2	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
White	10	10	7	3	0	0	1	n/r	0.0	0.0	14.3	n/r
FARMS	8	2	5	7	0	n/r	0	0	0.0	n/r	0.0	0.0
Special Education	20	16	16	13	0	0	1	0	0.0	0.0	6.3	0.0
ESOL	0	1	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r

Note. American Indian students are included with all students but are not reported separately. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages.

Table A6
 Number and Percentage of MCPS Grade 9 Students
 Who Successfully Completed Algebra 1 or Higher-level Mathematics
 From 2006 to 2009 by Special School/Program and Demographic Group

School/Group	N of Grade 9 Students Enrolled				N Completing Algebra 1 or Higher				% Completing Algebra 1 or Higher			
	2006	2007	2008	2009	2006	2007	2008	2009	2006	2007	2008	2009
All Special Schools	151	159	120	125	33	31	39	27	21.9	19.5	32.5	21.6
Male	119	109	86	93	28	18	30	23	23.5	16.5	34.9	24.7
Female	32	50	34	32	5	13	9	4	15.6	26.0	26.5	12.5
African American	68	81	70	63	17	12	23	14	25.0	14.8	32.9	22.2
Asian American	6	8	3	6	2	2	n/r	1	33.3	25.0	n/r	16.7
Hispanic	41	31	20	26	7	7	6	4	17.1	22.6	30.0	15.4
White	36	38	27	30	7	10	9	8	19.4	26.3	33.3	26.7
FARMS	74	79	61	65	13	12	21	11	17.6	15.2	34.4	16.9
Special Education	84	77	58	52	12	10	13	12	14.3	13.0	22.4	23.1
ESOL	6	3	0	1	1	n/r	n/r	n/r	16.7	n/r	n/r	n/r
Alternative Programs	80	89	84	83	21	21	34	19	26.3	23.6	40.5	22.9
Male	67	66	63	67	19	14	27	18	28.4	21.2	42.9	26.9
Female	13	23	21	16	2	7	7	1	15.4	30.4	33.3	6.3
African American	29	43	54	46	8	8	22	12	27.6	18.6	40.7	26.1
Asian American	2	4	3	4	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	35	27	17	20	7	6	5	2	20.0	22.2	29.4	10.0
White	14	15	10	13	4	5	6	5	28.6	33.3	60.0	38.5
FARMS	41	47	52	55	7	8	21	8	17.1	17.0	40.4	14.5
Special Education	15	10	24	14	1	1	10	5	6.7	10.0	41.7	35.7
ESOL	3	2	0	1	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
RICA	29	24	21	26	7	5	5	8	24.1	20.8	23.8	30.8
Male	20	13	13	15	5	1	3	5	25.0	7.7	23.1	33.3
Female	9	11	8	11	2	4	2	3	22.2	36.4	25.0	27.3
African American	13	9	9	11	4	2	1	2	30.8	22.2	11.1	18.2
Asian American	1	1	0	1	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Hispanic	1	1	2	3	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
White	14	12	10	11	3	3	3	3	21.4	25.0	30.0	27.3
FARMS	8	5	4	5	2	0	n/r	3	25.0	0.0	n/r	60.0
Special Education	27	22	19	22	6	5	3	7	22.2	22.7	15.8	31.8
ESOL	1	0	0	0	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r

Note. American Indian students are included with all students but are not reported separately. Results are not reported (n/r) for groups with fewer than five students enrolled. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. RICA = Regional Institute for Children and Adolescents.