

Ann Arbor Public Schools Student Achievement Update

April 28, 2010

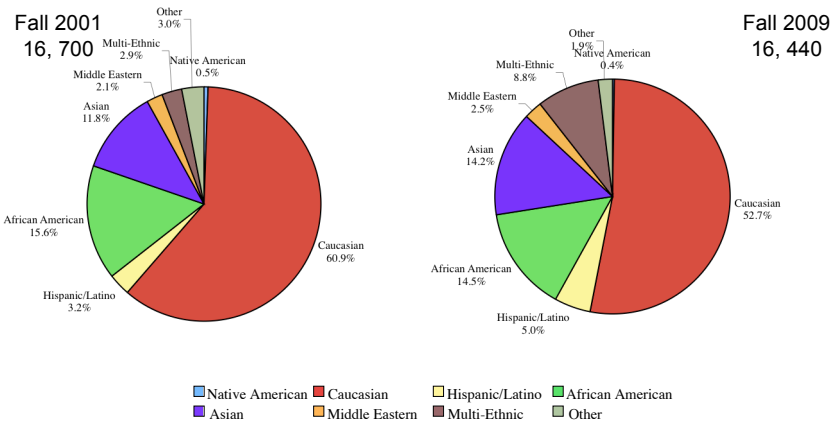
Outline of today's discussion

- Who attends Ann Arbor Public Schools?
- How well do they achieve?
- How has their achievement changed over time?
- What is our instructional program?

Demographic Groups

	Number	Fall 2009	Fall 2001		Number	Percent
Native American	58	0.4%	0.5%	English Second Language (64 different languages spoken in the district)	725	4.4%
Caucasian	8676	52.8%	60.8%	Economically Disadvantaged	3440	20.9%
Hispanic/Latino	814	5.0%	3.2%	Special Education (only K-12)	1864	11.3%
African American	2378	14.5%	15.6%	Special Education Including PreSchool and Non Public	2170	
Asian	2342	14.2%	11.8%			
Middle Eastern	406	2.5%	2.1%			
Multi-Ethnic	1450	8.8%	2.9%			
Other	316	1.9%	3.0%			
Total	16440		16,700			

District Demographics K-12



2009/10 District 10% > State

Reading

	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8	
	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State
Total	94	90	91	84	93	85	94	88	91	82	94	83
Cauc	97	93	96	89	97	90	98	91	96	87	97	87
Afr Amer	84	81	71	69	81	70	83	76	87	64	82	71
Asian	98	95	96	91	95	91	95	94	98	90	96	91
Hispanic	84	85	76	74	83	75	82	82	77	72	92	77
Multi-Eth	89	89	96	81	95	84	95	87	90	77	98	79
Econ. Disadv	81	84	77	76	81	77	80	81	74	72	87	75
Eng Lang Lrn	71	82	48	64	41	62	45	70	59	54	67	61
Sp. Ed.	71	71	61	58	71	58	74	60	61	48	78	49

Mathematics

	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8	
	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State
Total	96	95	96	92	92	79	95	82	90	82	90	70
Cauc	99	97	98	95	96	84	98	88	95	88	94	77
Afr Amer	84	88	86	82	77	62	86	62	75	63	71	45
Asian	100	98	99	97	99	93	96	94	99	93	98	89
Hispanic	87	92	83	89	78	71	86	76	82	75	79	59
Multi-Eth	97	94	98	91	94	78	96	80	89	77	88	64
Econ. Disadv	86	92	88	88	79	70	87	73	73	72	76	56
Eng Lang Lrn	83	92	82	87	74	68	87	69	77	66	91	50
Sp. Ed.	86	88	78	80	64	53	76	52	61	51	54	32

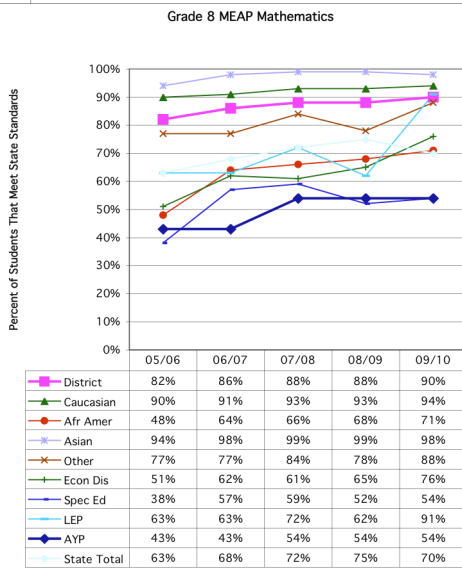
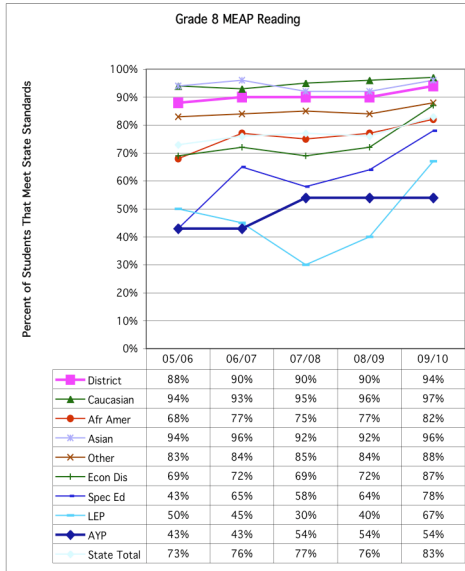
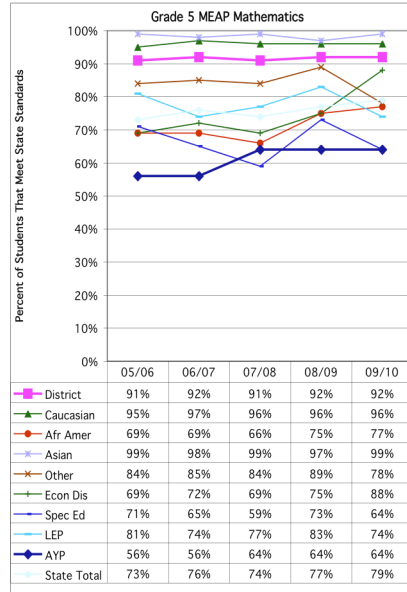
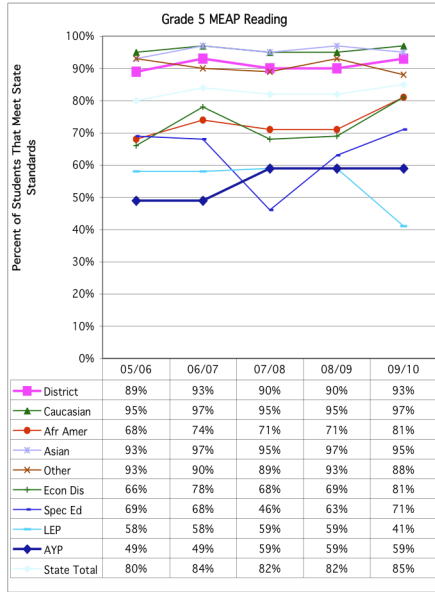
2009/10 District 10% > State

Science

	Grade 5		Grade 8	
	AAPS	State	AAPS	State
Total	92	81	90	76
Cauc	97	88	96	83
Afr Amer	77	60	69	50
Asian	97	89	93	87
Hispanic	82	69	82	65
Multi-Eth	91	79	90	70
Econ. Disadv	79	71	75	63
Eng Lang Lrn	71	57	61	48
Sp. Ed.	68	61	56	42

Social Studies

	Grade 6		Grade 9	
	AAPS	State	AAPS	State
Total	85	73	87	71
Caucasian	93	81	95	79
Afr American	67	48	63	43
Asian	85	85	95	84
Hispanic	65	61	52	59
Multi-Ethnic	83	67	87	65
Econ. Disadv	62	60	63	56
LEP	29	44	20	42
Sp. Education	97	43	54	36



Adv Proficient - Elementary 2009/10 District 10% > State

Reading			Mathematics		
	District	State		District	State
Year	Adv. Prof	Adv. Prof	Year	Adv. Prof	Adv. Prof
Grade 3			Grade 3		
05/06	48	20	05/06	76	48
06/07	62	42	06/07	75	51
07/08	57	39	07/08	75	49
08/09	60	41	08/09	81	56
09/10	58	39	09/10	78	52
Grade 4			Grade 4		
05/06	41	22	05/06	64	36
06/07	57	33	06/07	57	34
07/08	53	32	07/08	66	41
08/09	56	32	08/09	70	44
09/10	60	37	09/10	76	45
Grade 5			Grade 5		
05/06	47	24	05/06	65	32
06/07	61	36	06/07	72	36
07/08	63	42	07/08	72	39
08/09	61	36	08/09	78	45
09/10	67	44	09/10	77	43

Adv Proficient - Middle School 2009/10 District 10% > State

Reading			Mathematics		
	District	State		District	State
Year	Adv. Prof	Adv. Prof	Year	Adv. Prof	Adv. Prof
Grade 6			Grade 6		
05/06	44	23	05/06	63	29
06/07	59	33	06/07	67	34
07/08	51	30	07/08	72	44
08/09	60	35	08/09	77	51
09/10	47	27	09/10	80	48
Grade 7			Grade 7		
05/06	38	18	05/06	55	27
06/07	43	26	06/07	66	34
07/08	54	29	07/08	67	41
08/09	53	31	08/09	78	53
09/10	57	36	09/10	74	50
Grade 8			Grade 8		
05/06	45	19	05/06	61	31
06/07	56	33	06/07	61	29
07/08	48	25	07/08	69	41
08/09	58	32	08/09	71	43
09/10	55	31	09/10	77	45

MEAP Advanced Proficient District / State

	Reading											
	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8	
	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State
Total	58	39	60	37	67	44	47	27	57	36	55	31
Cauc	69	44	70	44	77	50	55	31	68	42	64	35
Afr Amer	24	22	21	17	36	22	24	12	26	16	23	15
Asian	71	52	70	50	74	60	50	40	70	54	68	50
Hispanic	31	23	32	20	32	26	22	15	30	21	38	19
Multi-Eth	56	34	63	32	68	40	54	24	55	32	41	27
Econ. Disadv	27	26	26	23	34	29	21	16	24	23	26	19
Eng Lang Lrn	18	18	5	12	5	16	0	9	5	10	0	10
Sp. Ed.	28	18	20	16	29	18	19	8	21	11	15	6

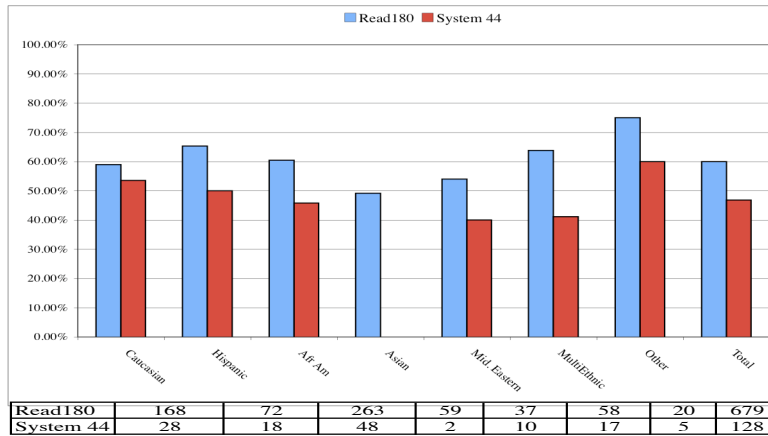
	Mathematics											
	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8	
	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State	AAPS	State
Total	78	52	76	45	77	43	80	48	74	50	77	45
Cauc	87	59	84	52	84	49	87	55	83	57	84	52
Afr Amer	39	28	34	23	48	22	48	21	39	23	33	17
Asian	95	73	89	71	94	72	90	76	97	77	94	74
Hispanic	55	35	47	29	52	28	58	34	57	33	54	28
Multi-Eth	71	49	73	40	69	39	82	44	71	41	74	37
Econ. Disadv	48	37	45	31	50	29	50	32	39	33	45	28
Eng Lang Lrn	54	37	38	28	57	26	52	29	57	26	78	23
Sp. Ed.	46	31	36	24	40	20	38	18	29	16	31	12

Elementary Reading Intervention

School Year	Number of Students Served	Percentage of students who met grade level targets
2005/06	402	65.1%
2006/07	380	68.4%
2007/08	382	63.6%
2008/09	376	60.6%

Included more Special Need Students starting in 2007/08.

Read 180 and System 44 Percent with at least .5 year's growth within 3 month time



Elementary Summer School July 09 - Participation

Grade	Caucasian	Hispanic	Afr Am	Asian	Mid. Eastern	MultiEthnic	Other	Total
K	44	18	35	11	6	14	1	129
2	40	16	48	9	7	14	5	139
3	36	22	52	7	8	12	1	138
5	28	15	42	8	2	11	3	109
Totals	148	71	177	35	23	51	10	515

Grade	EconDis	SpecEd
K	56	20
2	76	48
3	87	53
5	66	49
Totals	285	170

Other Interventions/Processes

- ➔ Title 1
 - Individual school plans embedded in building SIP planning process
- ➔ English Second Language (ESL)
 - Reviewing individual student plans for all ELL students in collaboration with Title I and Read 180/System 44
- ➔ Math Interventions

MEAP Math Grades 3-5 (09/10)

Sorted by Percent Proficient

Elementary Math	Economically Disadvantaged	Special Education	% Proficient	Total Tested
Caucasian	N	N	99.0	1543
African American	N	N	96.0	114
Caucasian	Y	N	94.0	124
Caucasian	N	Y	90.0	128
African American	Y	N	82.0	234
Caucasian	Y	Y	76.0	25
African American	N	Y	58.0	19
African American	Y	Y	55.0	44

MEAP Math Grades 6-8 (09/10)

Sorted by Percent Proficient

Middle School Math	Economically Disadvantaged	Special Education	% Proficient	Total Tested
Caucasian	N	N	98.0	1548
African American	N	N	90.0	165
Caucasian	Y	N	90.0	115
African American	Y	N	81.0	228
Caucasian, Non-ED, SE	N	Y	76.0	150
Caucasian	Y	Y	61.0	31
African American	N	Y	58.0	19
African American	Y	Y	44.0	75

School Improvement

- ➔ Culture of High Expectations and Support
- ➔ Data-Driven Decisions
- ➔ Accountability Articulated Curriculum
- ➔ Rigorous and Relevant Instruction
- ➔ Personalized Learning
- ➔ Partnerships
- ➔ School Climate
- ➔ Professional Learning Communities
- ➔ Leadership

Read 180 /System 44 Semester 1 - 2008/09

School	Group	Avg. Lexile Gains
Clague	R180	136
Forsythe	R180	155
Scarlett	R180	76.5
Slauson	R180	139
Tappan	R180	142
Slauson	System 44	102

Typical yearly growth is 50 to 75.

ACT Explore /Plan

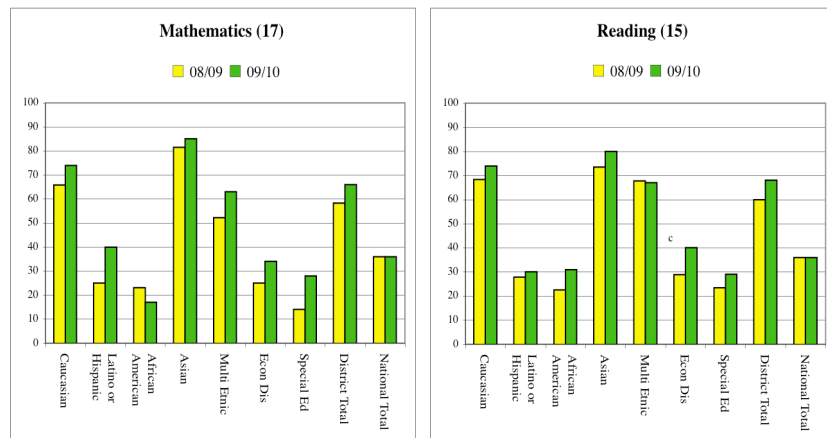
ACT EXPLORE/PLAN is tested in grades 8 and 10. The standards serve as a direct link between what students have learned, what they are need to learn next, and what they must learn before they leave high school in order to be prepared for college.

ACT Explore & Plan

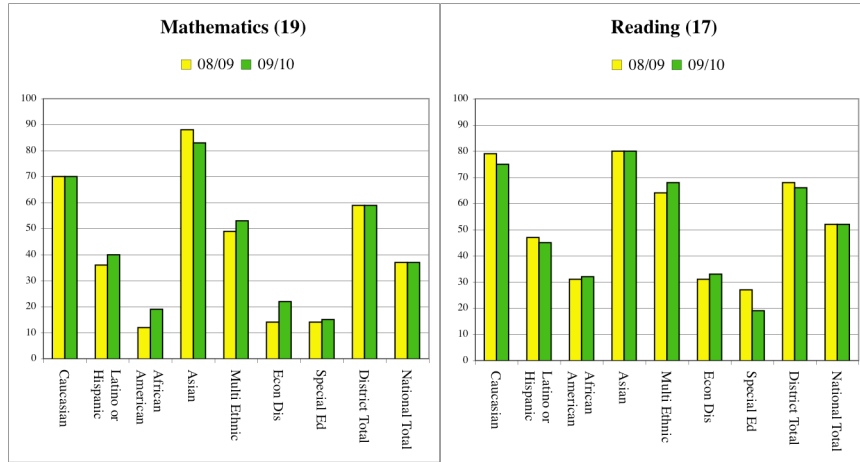
- Individual student profile for English, Mathematics, Reading and Science that includes:
 - College Readiness
 - Student skills in the content area
 - How to improve their skills in the content area
- Career Interest Inventory based on a World of Work Map

Note: Funding for both tests have come from the Ann Arbor Public School's Educational Foundation

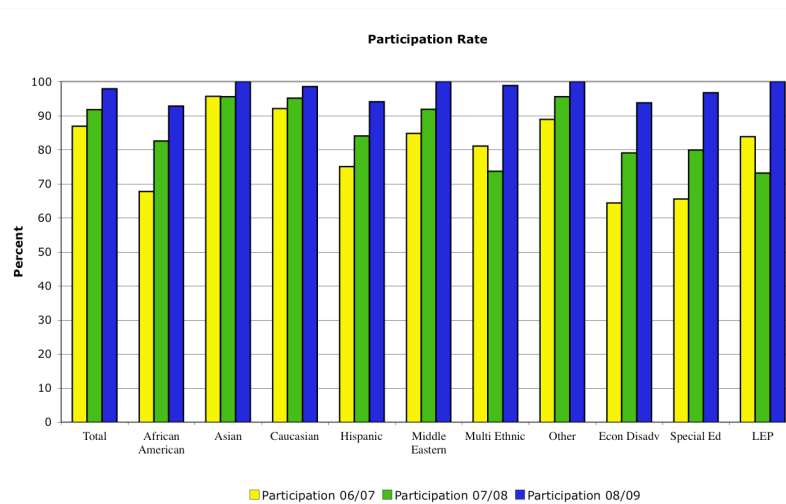
Gr 8 Explore - Percentage at College Readiness Level



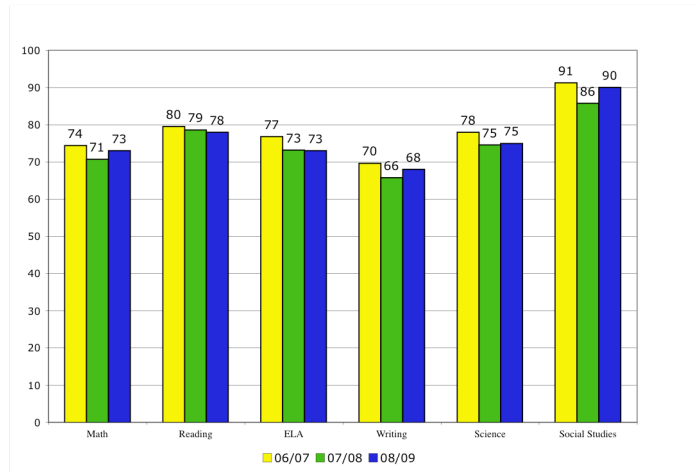
Gr 10 ACT Plan - Percentage at College Readiness Level



MME Participation by Subgroups 2006/07, 2007/08 and 2008/09



MME Proficient /Advanced Proficient All Subjects -- 2006/07,2007/08, 2008/09

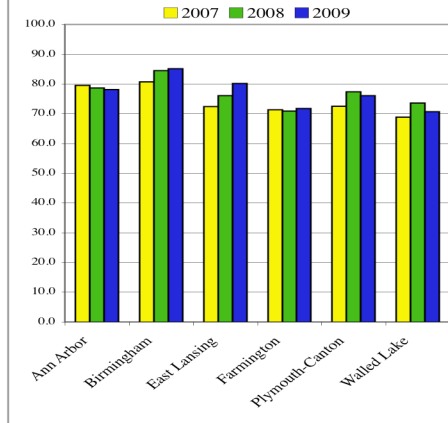


MME District vs State 2008/09

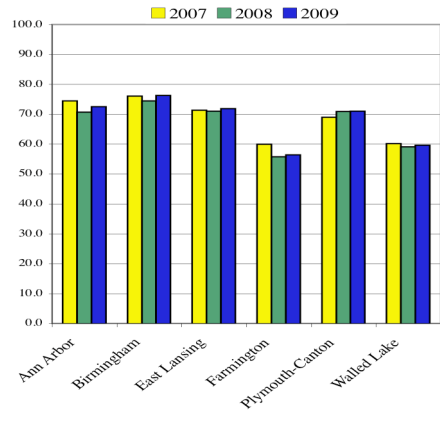
	Reading		Writing		Eng Lang Arts		Mathematics		Science		Social Studies	
	District	State	District	State	District	State	District	State	District	State	District	State
Total	78	60	68	43	73	52	73	49	75	56	90	81
Caucasian	88	66	80	50	86	59	84	56	87	63	96	87
African Amer	44	33	21	17	31	24	25	16	33	22	68	58
Asian	83	67	81	59	82	64	92	72	86	71	92	87
Hispanic	65	45	49	26	51	35	58	32	52	39	78	72
Multi Ethnic	80	61	70	44	76	52	71	56	78	63	93	83
Econ Disadv	42	42	21	24	29	32	26	29	34	35	62	68
Spec Educ	41	23	21	9	27	14	20	10	28	15	65	49
Eng Lang Lmr	11	19	11	9	6	12	40	20	17	18	52	52

MME AAPS and Other Districts

Reading



Mathematics



Grade 11

Most Recent Math Class

Student Enrollments by Percent

Most Recent Math Class	Caucasian			African American		
	07/08	08/09	09/10	07/08	08/09	09/10
Math Spec Ed/PCP	1%	1%	0.7%	4%	3%	2%
Fundamentals of Mat	0.5%	1%		2%	2%	
Integrated Math	0.4%	1%	0.5%	2%	1%	0.5%
Algebra I - 1/3/Pre-A	0.5%	2%	0.1%	7%	14%	5%
Algebra I X	1%		0.5%	12%		1%
Algebra 2/3-3/3			1%			11%
Algebra I	1%	1%	2%	7%	4%	5%
Geometry 1/3			0.4%			6%
Geometry X	6%	4%	0.1%	21%	14%	
Geometry	4%	7%	7%	4%	12%	27%
Algebra II X	8%	8%		19%	22%	
Algebra II	25%	24%	35%	14%	18%	32%
Algebra II AC	1%	3%	3%		1%	2%
Math, Senior Advanc	1%	3%	0.3%	0.4%	1%	2%
Math Analysis	30%	29%	28%	6%	8%	7%
Math Analysis AC	16%	16%	17%	2%	1%	0.5%
Statistics AP	1%		0.5%			
Calculus	3%	3%	3%	0.4%		
Total	831	793	756	257	197	195
In Algebra II or Higher by 11th Grade	77%	79%	87%	22%	28%	44%

Algebra II or Higher Enrollment

	07/08	08/09	09/10
Total	67%	72%	80%
Caucasian	77%	79%	87%
African American	22%	28%	44%
Asian	91%	94%	97%
Hispanic	30%	57%	65%
Multi-Eth	62%	69%	70%
Economically Disadvantaged	20%	20%	39%
Special Education	16%	20%	32%

↑
First cohort
under new
graduation
requirements

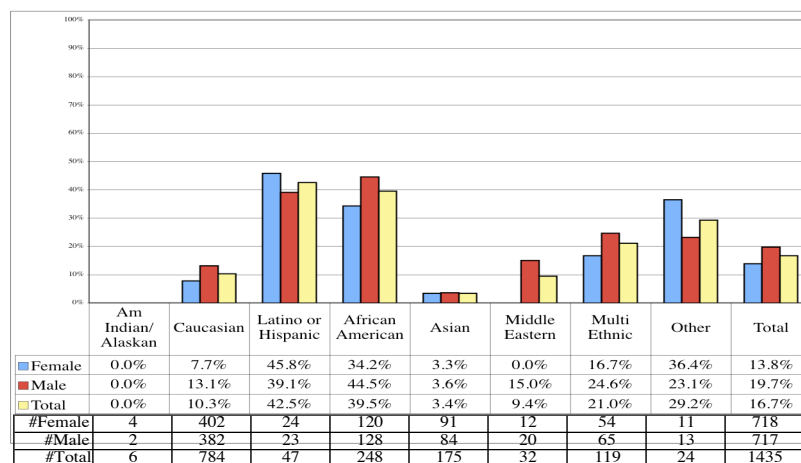
Algebra I Credit for 9th Graders

	2007/08 (Sem 1)		2007/08 End Yr		2008/09 (Sem 1)		2008/09 End Yr		2009/10 (Sem 1)	
	% with Credit	#	% with Credit	#	% with Credit	#	% with Credit	#	% with Credit	#
Caucasian	77.7%	759	85.4%	759	78.7%	684	89.5%	707	86.9%	785
Latino or Hispanic	52.2%	67	65.7%	67	57.4%	54	86.0%	57	48.9%	47
African American	29.9%	224	44.2%	224	36.2%	254	63.0%	251	60.9%	248
Asian	94.8%	172	95.9%	172	81.1%	169	96.4%	168	81.6%	174
Middle Eastern	68.0%	25	80.0%	25	66.7%	27	85.2%	27	71.9%	32
Multi Ethnic	59.2%	71	62.0%	71	62.6%	99	90.9%	99	79.0%	119
Other	47.8%	46	69.6%	46	65.7%	35	87.9%	33	86.7%	30
Econ Disadvantaged	26.8%	246	44.7%	246	35.4%	237	62.1%	232	55.8%	285
Spec Education	20.6%	175	44.6%	175	37.9%	169	61.7%	180	49.7%	183
Total	68.6%	1364	77.1%	1364	68.2%	1322	85.3%	1342	79.5%	1435

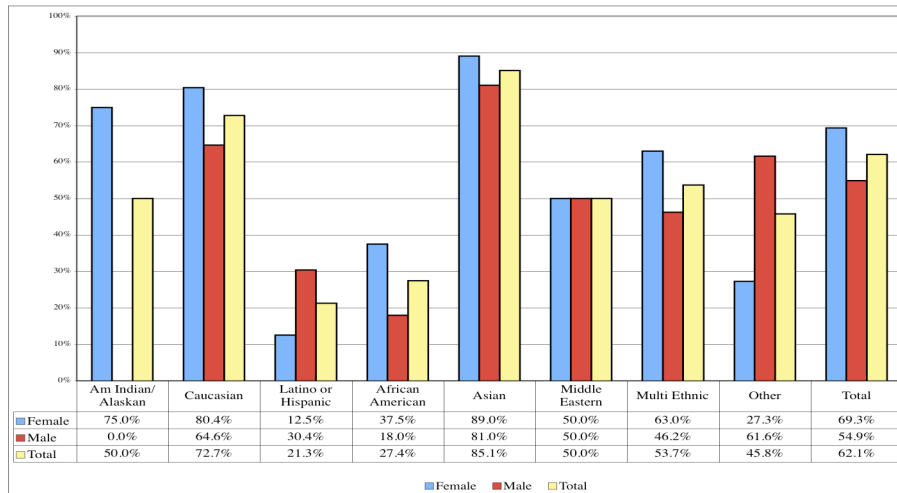
Biology Credit for 9th Graders

	2007/08 (end year)		2008/09 (end year)		2009/10 (1st sem)	
	% with Credit	#	% with Credit	#	% with Credit	#
Caucasian	91.4%	759	90.9%	705	94.0%	779
Latino or Hispanic	74.6%	67	76.8%	56	57.8%	45
African American	55.8%	224	60.8%	250	78.8%	241
Asian	91.3%	172	93.5%	168	95.4%	174
Middle Eastern	92.0%	25	85.2%	27	90.3%	31
Multi Ethnic	73.2%	71	81.8%	99	89.9%	119
Other	80.4%	46	72.7%	33	96.7%	30
Econ Disadvantaged	56.1%	246	60.6%	231	75.2%	278
Spec Education	56.0%	175	62.5%	176	72.0%	182
Total	83.4%	1364	83.8%	1338	90.1%	1419

Gr 9 GPA- 1st Semester 09/10 Percent less than 2.0



Gr 9 GPA- 1st Semester 09/10 Percent 3.0 and above



Secondary Interventions/processes

- ➔ Achievement Team Process
- ➔ Read 180 / System 44
- ➔ Reading Apprenticeship
- ➔ E2020
- ➔ Options/Choices Program
- ➔ Summer School
- ➔ Rising Scholars
- ➔ Common assessments
- ➔ Explore/Plan

HS E2020 Enrollments by Course Type and Term

	Sum Sch	Sem 1/Tri 1	Sem2/Tri 2
Course Retakes			
Literature	7	48	79
Math	81	135	253
Science	20	66	135
Social Studies	3	46	118
Unit support/Retakes			
Literature		19	9
Math		116	49
Science		2	4
Electives	2	35	57
Study Skills	3	7	10
Academic Support		61	92
ACT Prep			214

Common Assessment End of Course/Semester/Year

	2006/07	2007/08	2008/09	2009/10
Mathematics				
Algebra I Grade 8	X	X	X	X
Algebra I Grade 9		X	X	X
Algebra Thirds				In Process
Algebra II				X
Algebra II AC				In Process
Geometry			X	X
Geometry AC				In Process
Science				
Biology			X	X
Conceptual Physics				X
Chemistry				X
Physical Science Gr 8			X	X
English				
Grade 9/10				X
Grade 11/12				In Process
Social Studies				
Social Studies Gr 6/7				X
Social Studies Gr 8			X	X
Social Studies HS				In Process

Reading Apprenticeship

Grade 2008/09	Number of Students	Average Growth Lexile Level
9 No RA Exposure	190	37.3
9 RA Exposure	489	58.9
10 No RA Exposure	350	22.9
10 RA Exposure	563	28.2

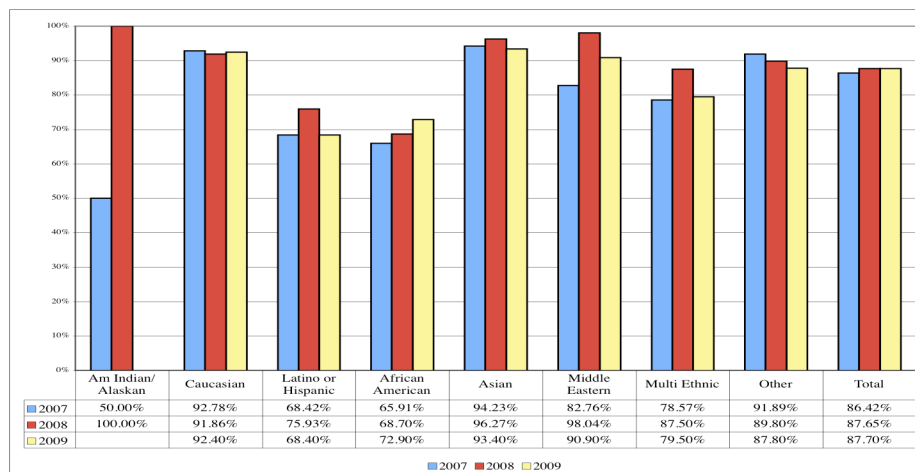
AP and AC enrollments

	AP Enrollment		AC Enrollment	
	#	%	#	%
Am. Indian	2	13.3	1	6.7
Caucasian	885	28.7	1275	41.4
Hispanic	44	20.2	69	31.7
Afr. American	61	6.8	133	14.8
Asian	345	49.4	456	65.2
Middle East	18	15.1	39	32.8
Multi Ethnic	46	14.5	98	30.9
Other	38	31.4	41	33.9
TOTAL	1439	26.3	2112	38.6

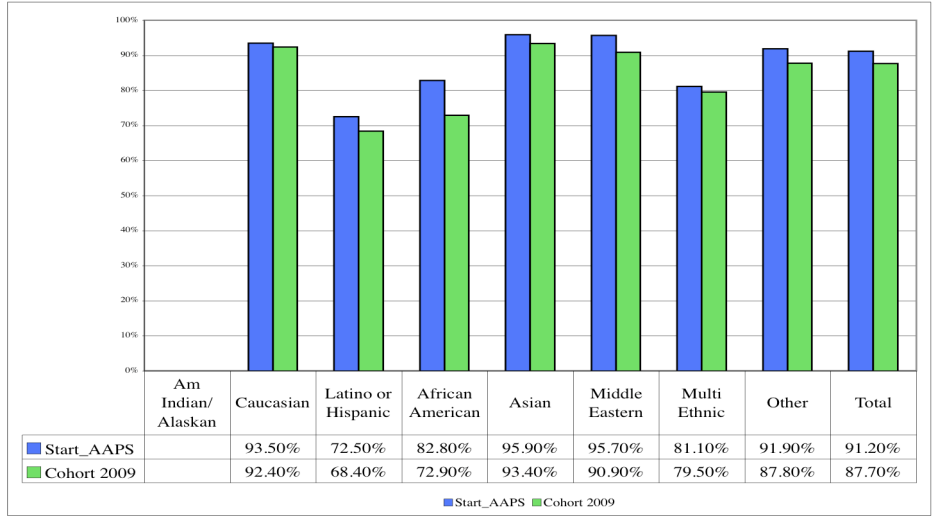
AP Exam Results 2008/09

	Number of Enrollments in AP Classes	Percent that took the AP Test	Scored at the 3 or higher level
Total	2194	62.9%	83.8%
Caucasian	1265	59.7%	84.6%
African American	68	25.0%	64.7%
Asian	668	72.2%	85.3%
Hispanic	29	58.6%	58.8%
Mid-Eastern	45	66.7%	70.0%
Multi-Ethnic	40	55.0%	95.5%
Other	79	72.2%	77.2%

Graduation Rates 4-year Cohorts



Graduation Rates - Start 9th grade with AAPS vs State Cohort all students enrolled in AAPS from Fall 2005 to June 2009



Continued Focus on Achievement

- ➔ Insuring College Readiness for Students
- ➔ Continuing to focus on insuring student success
- ➔ Improving Graduation Rates
- ➔ Improving student success in class (GPA)
- ➔ Increasing number of students Proficient and Adv. Proficient on MEAP and MME
- ➔ Increasing number and diversity of students in AC and AP level classes.
- ➔ IB program
- ➔ IBCC (IB connected with CTE)