

# Montgomery County Public Schools

## Demographic Trends and CIP Issues

October 14, 2008



# Presentation Topics

- MCPS Enrollment
- Enrollment Change Factors
- Enrollment Forecast for 2009–2014
- Race/ Ethnic Trends
- FARMS and ESOL Trends
- Trends at Focus and Nonfocus Schools
- CIP Issues

# MCPS Enrollment

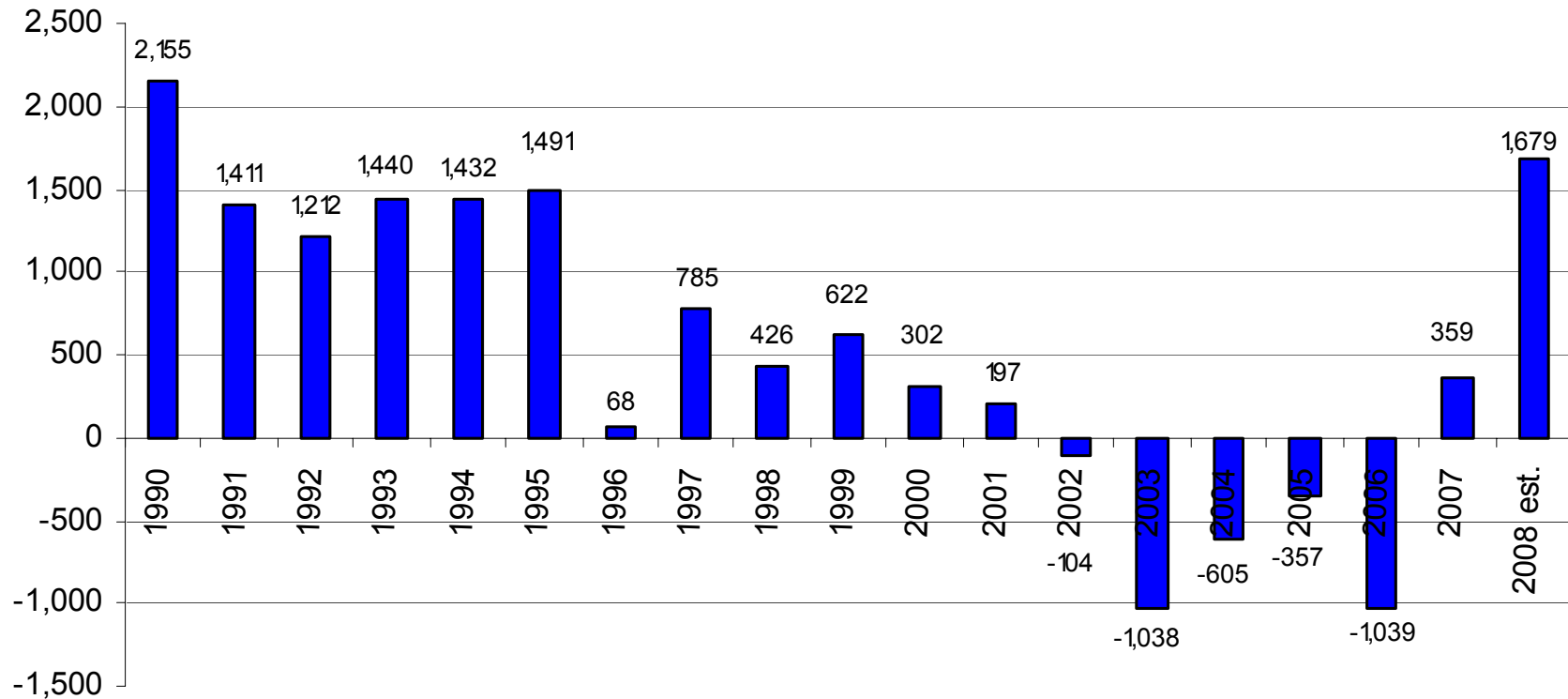
# MCPS Enrollment

Enrollment Change from 2007–08 to 2008–09 estimate			
Grade	Official 2007–08 Enrollment	Estimated 2008–09 Enrollment	One-year Change
K	9,524	10,021	497
1	9,377	10,013	636
2	9,516	9,507	-9
3	9,305	9,691	386
4	9,327	9,382	55
5	9,383	9,497	114
6	9,569	9,289	-280
7	9,423	9,546	123
8	9,537	9,640	103
9	10,664	10,821	157
10	10,392	10,337	-55
11	10,112	10,313	201
12	10,331	10,329	-2
K-5	56,432	58,111	1,679
6-8	28,529	28,475	-54
9-12	41,499	41,800	301
K-12	126,460	128,386	1,926
H.S./PreK	2,432	2,467	35
Spec.Ed.	8,853	8,543	-310
<b>TOTAL</b>	<b>137,745</b>	<b>139,396</b>	<b>1,651</b>

Estimated 2008-09 enrollment is calculated from preliminary Sept. 30, 2008, enrollment.

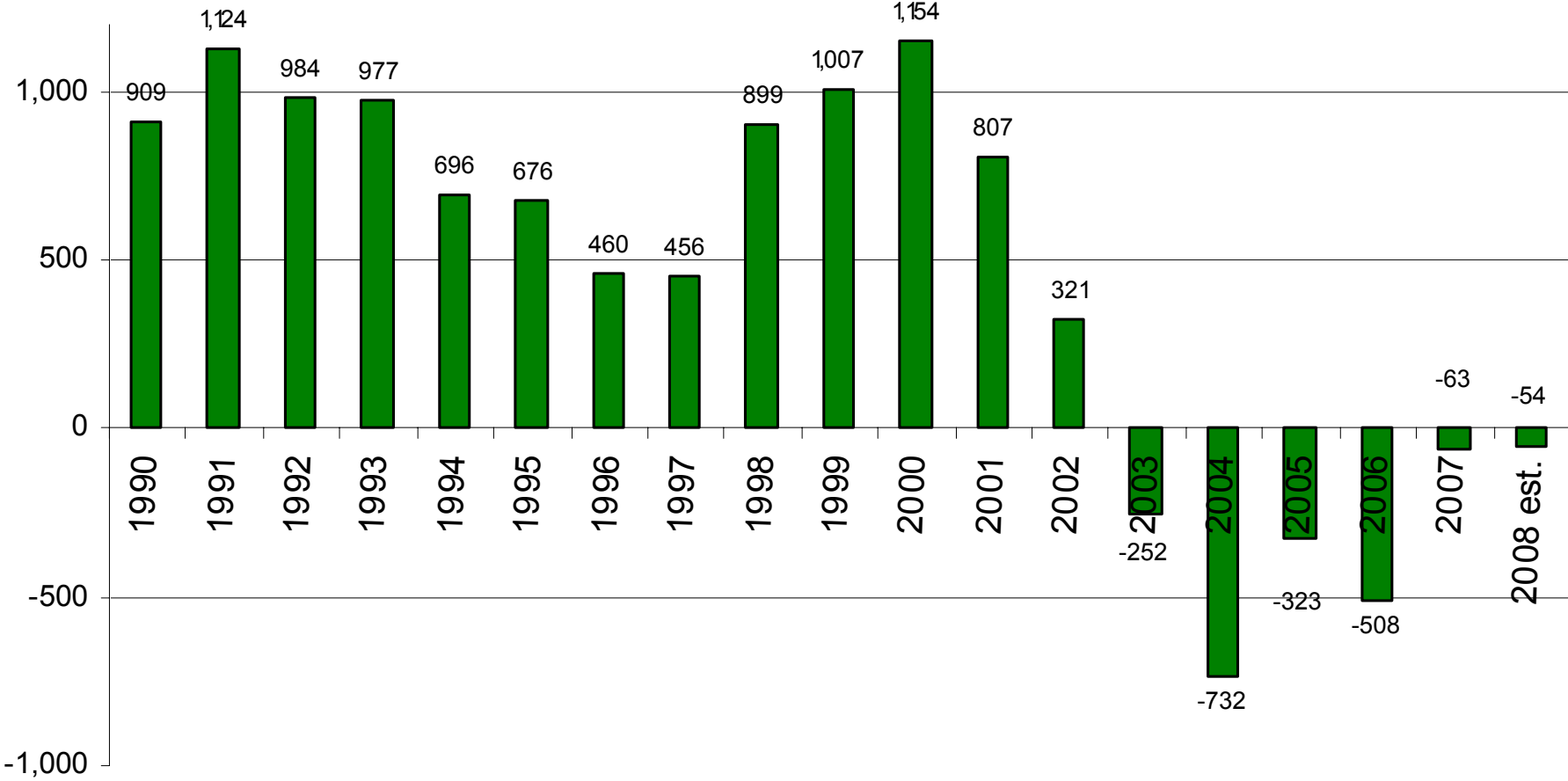
# MCPS Enrollment

Annual Change in K-5 Enrollment: 1990 - 2008 est.



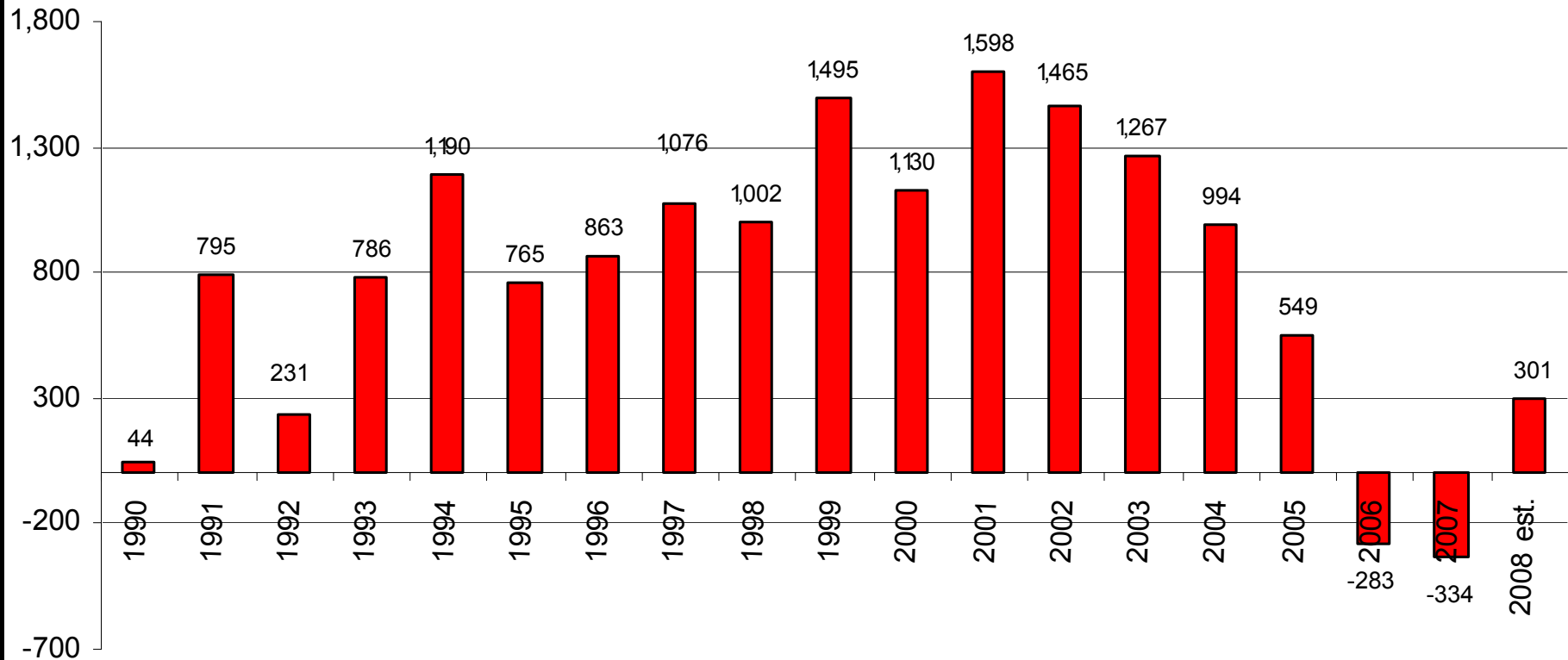
# MCPS Enrollment

Annual Change in 6-8 Enrollment: 1990 - 2008 est.



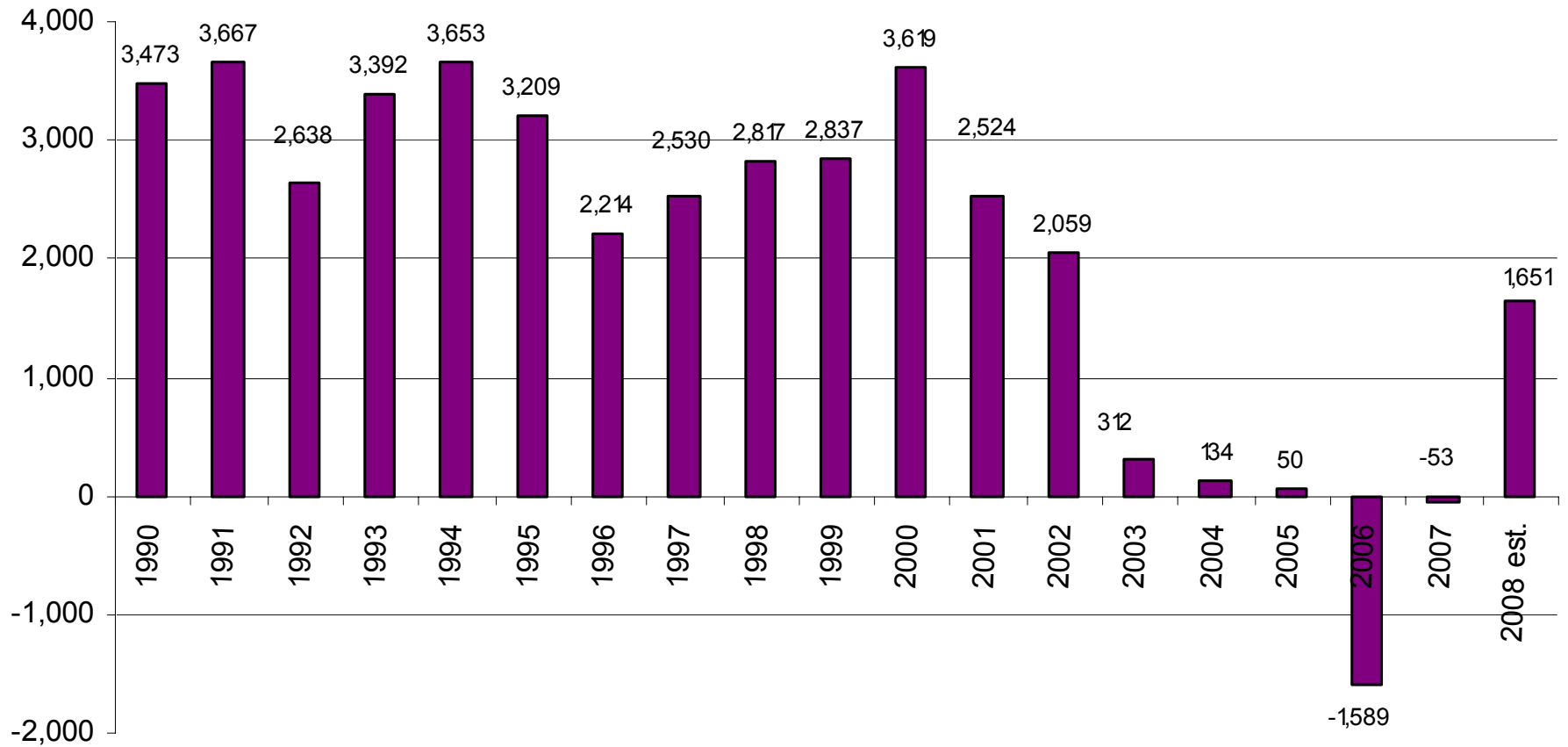
# MCPS Enrollment

Annual Change in 9-12 Enrollment: 1990 - 2008 est.



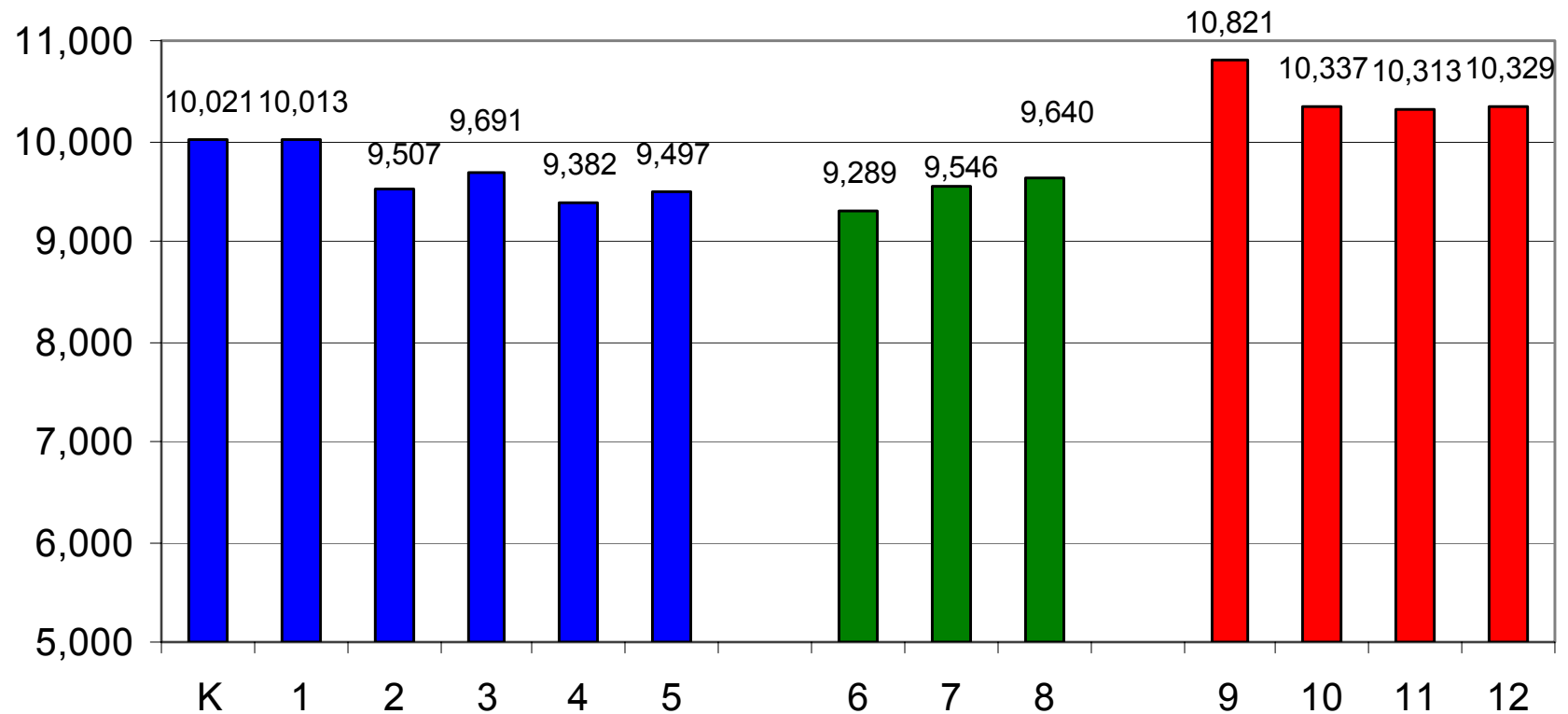
# MCPS Enrollment

Annual Change in Total MCPS Enrollment: 1990-2008 est.



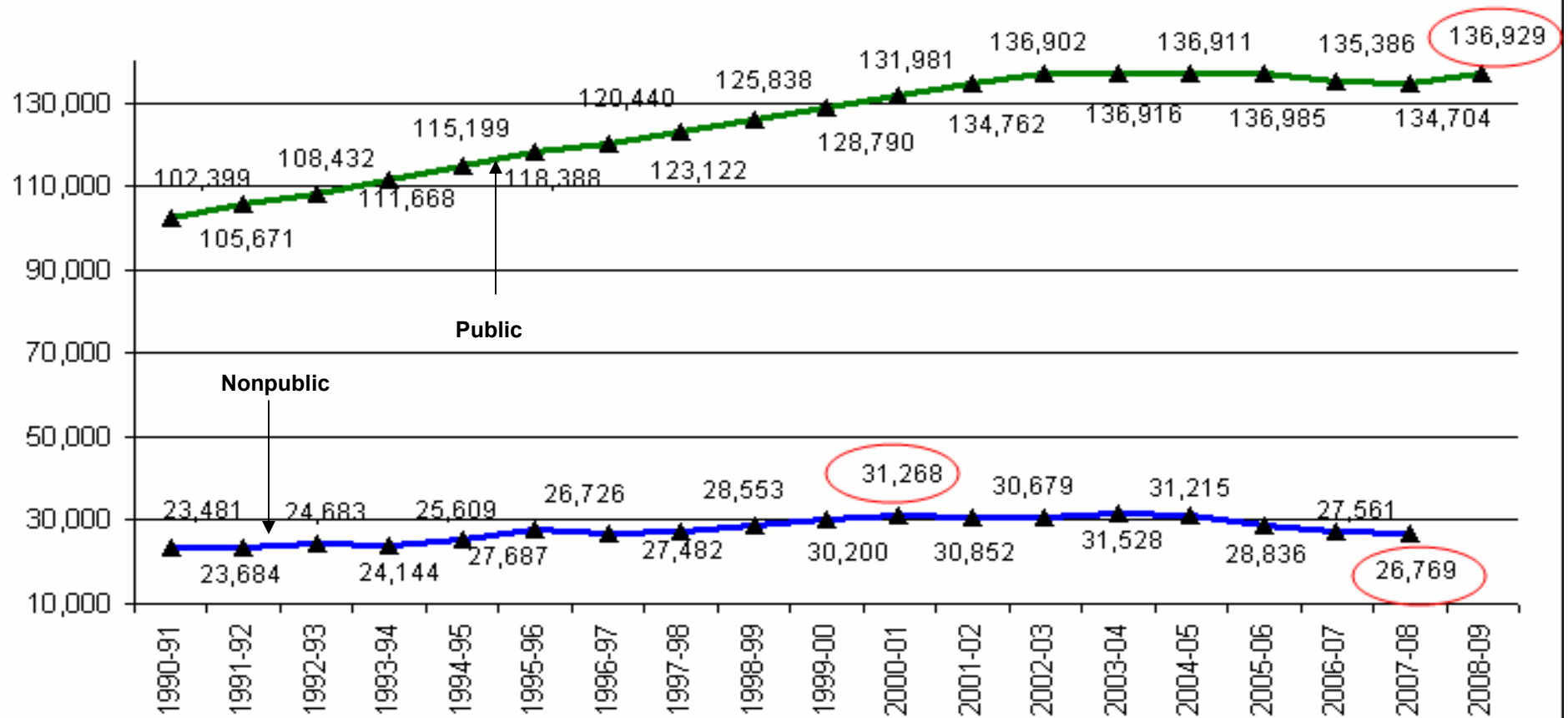
# MCPS Enrollment

MCPS Grade Enrollment Profile: 2008–09 est.



# MCPS Enrollment

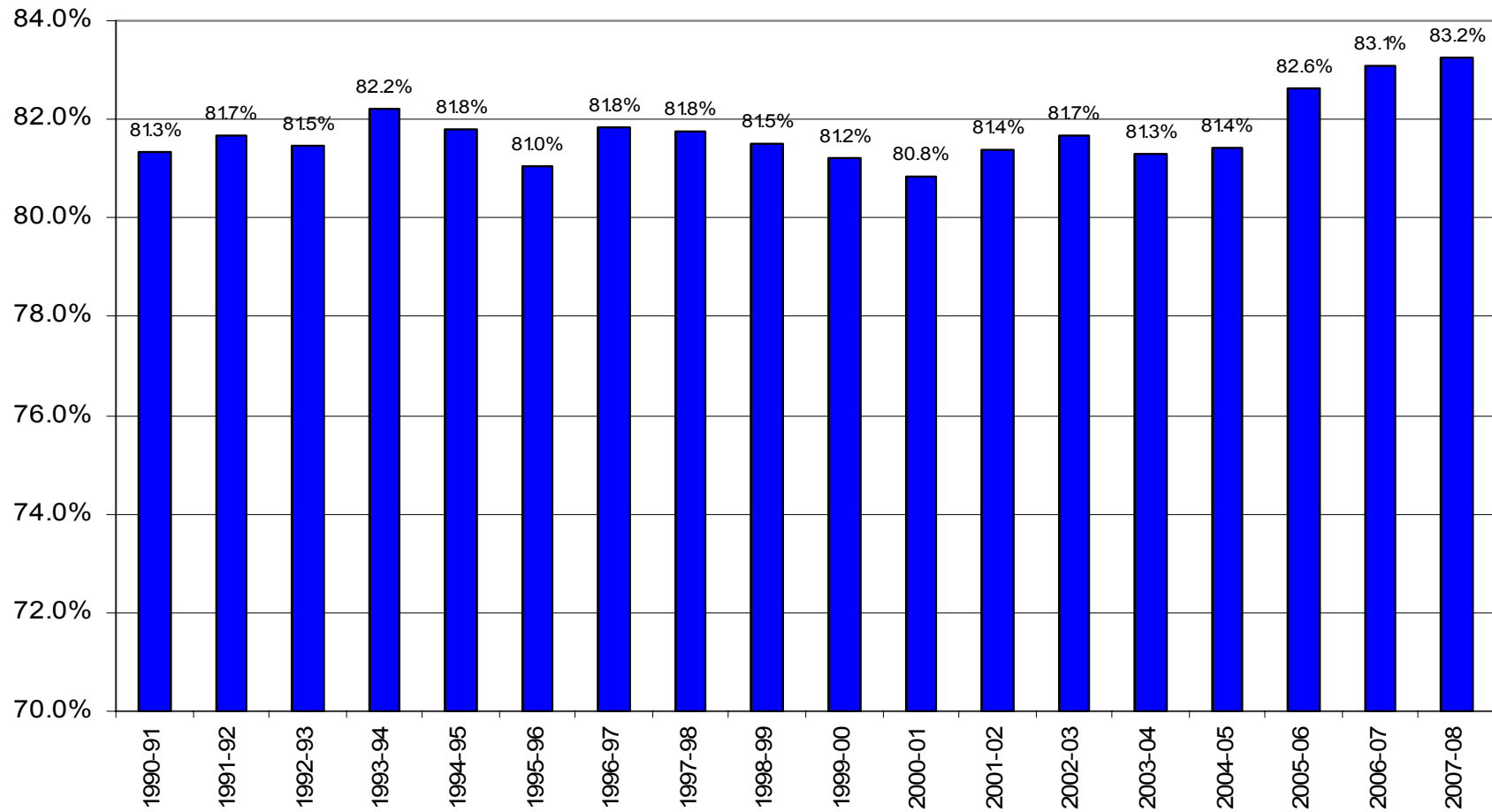
## MCPS and Montgomery County Nonpublic Enrollment



Note: Enrollment excludes Pre-Kindergarten students. In the most recent year MCPS enrolled 83% of total county school enrollment.

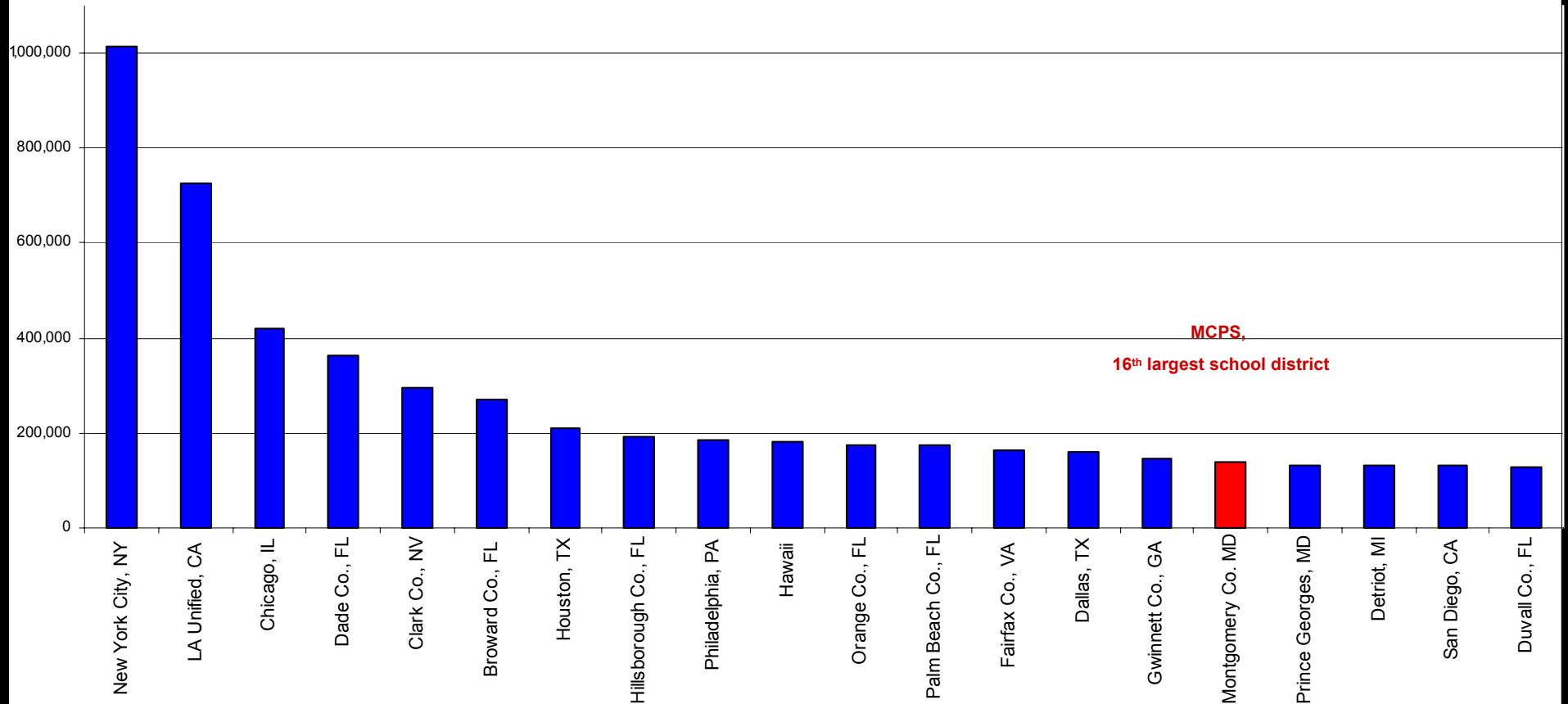
# MCPS Enrollment

Percent of County Enrollment in MCPS Public Schools



# MCPS Enrollment

## Enrollment in 20 Largest School Systems in 2005-06



# Enrollment Change Factors

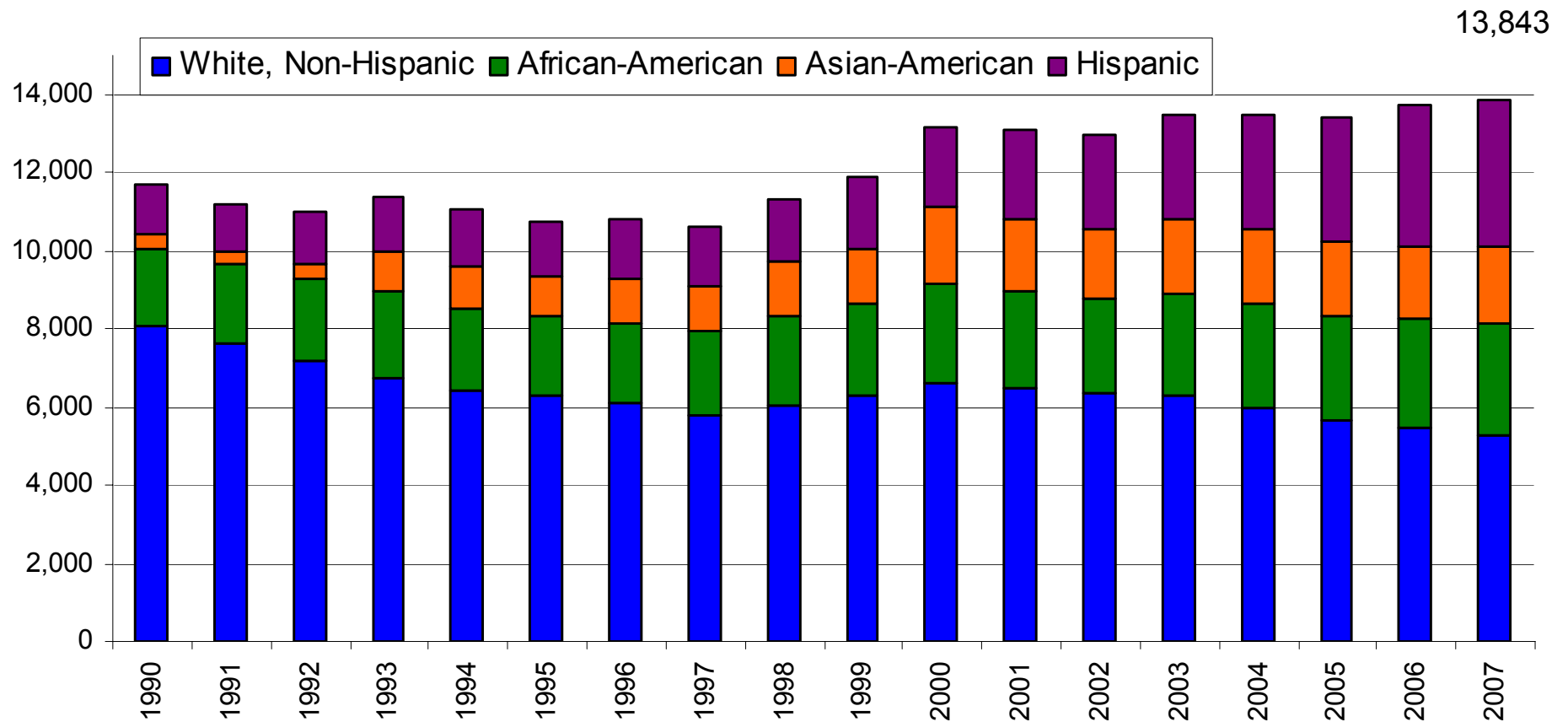
Births and Kindergarten Enrollment

Aging of the student population

Migration of students

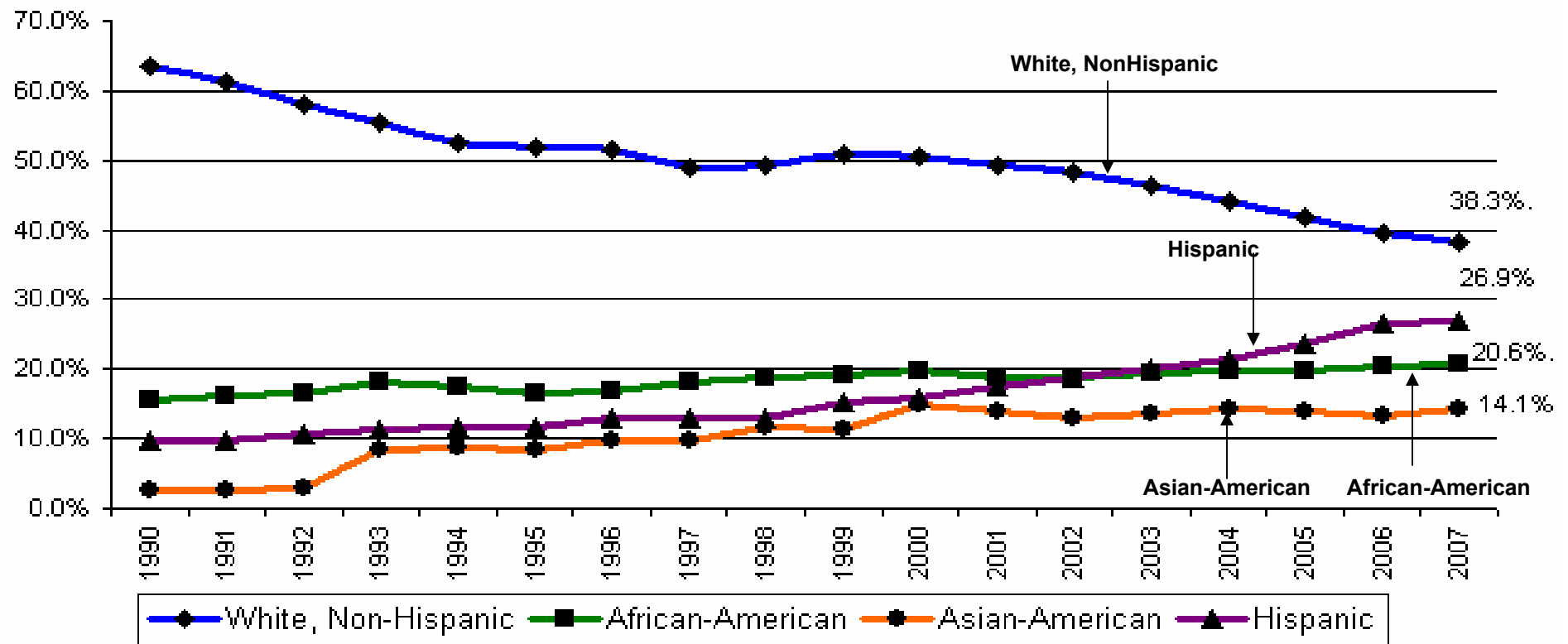
# Enrollment Change Factors

## Montgomery County Resident Births, by Race

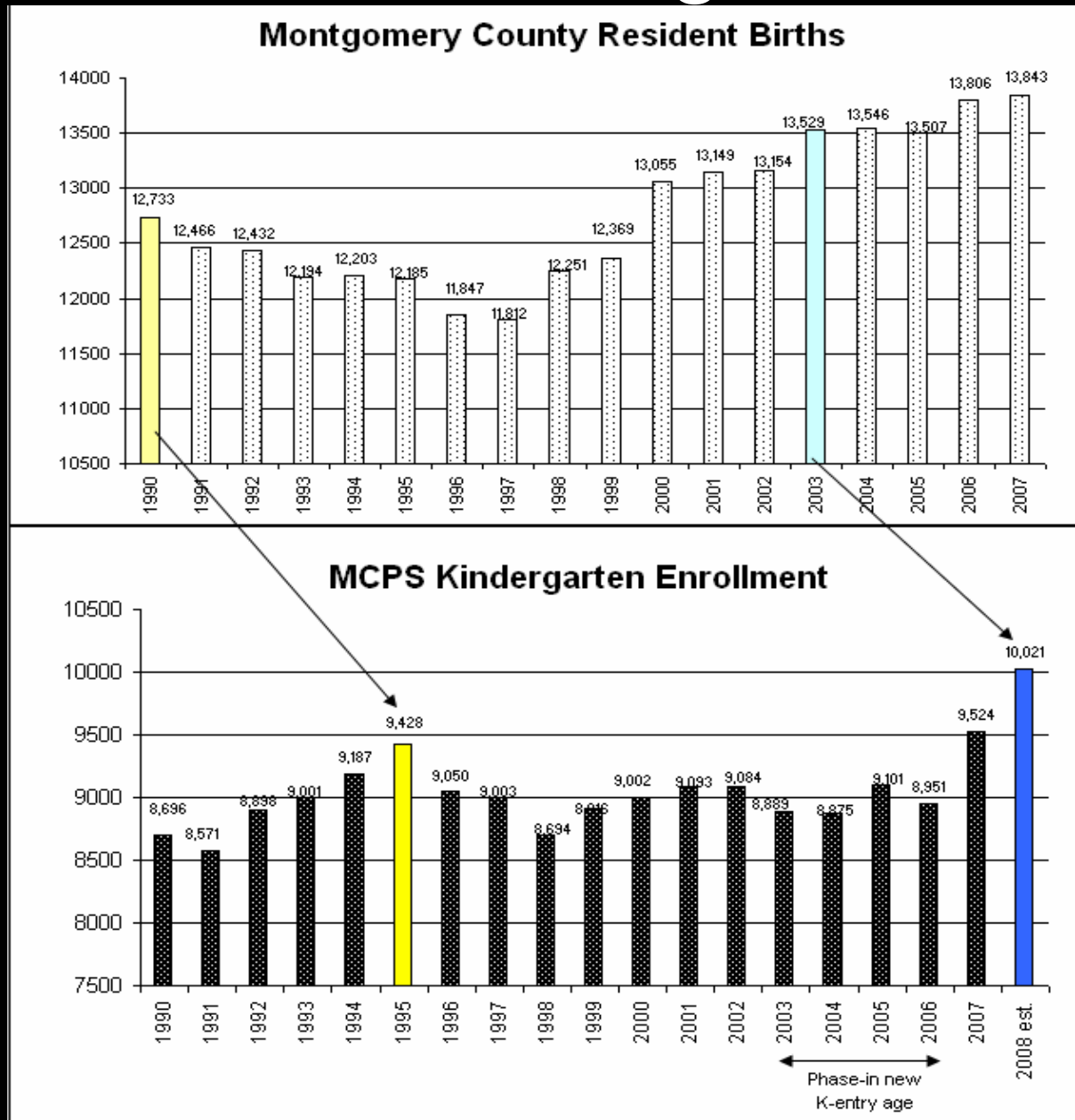


# Enrollment Change Factors

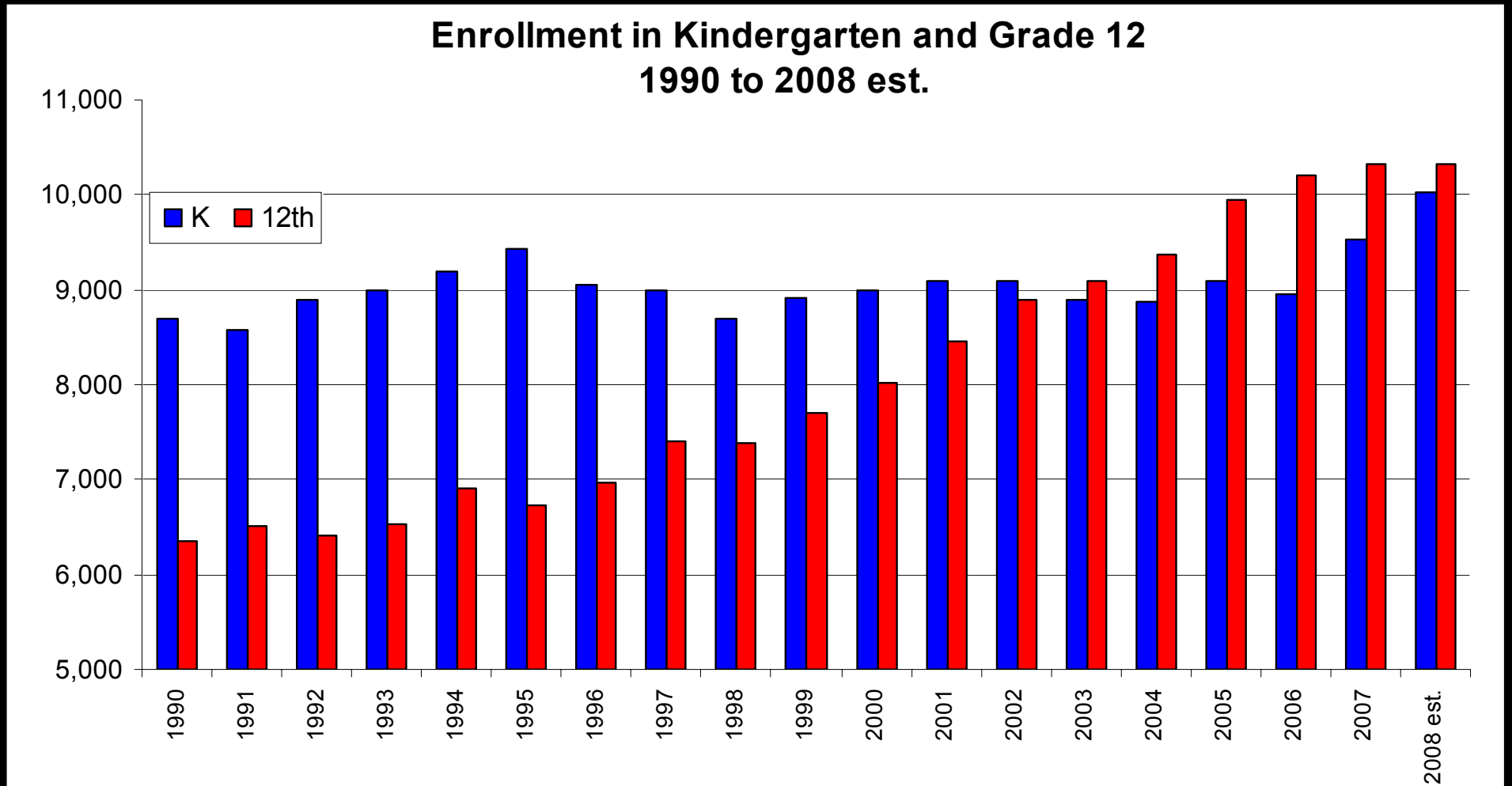
## Montgomery County Resident Births Race/ Ethnic Groups as Percent of Total Births



# Enrollment Change Factors

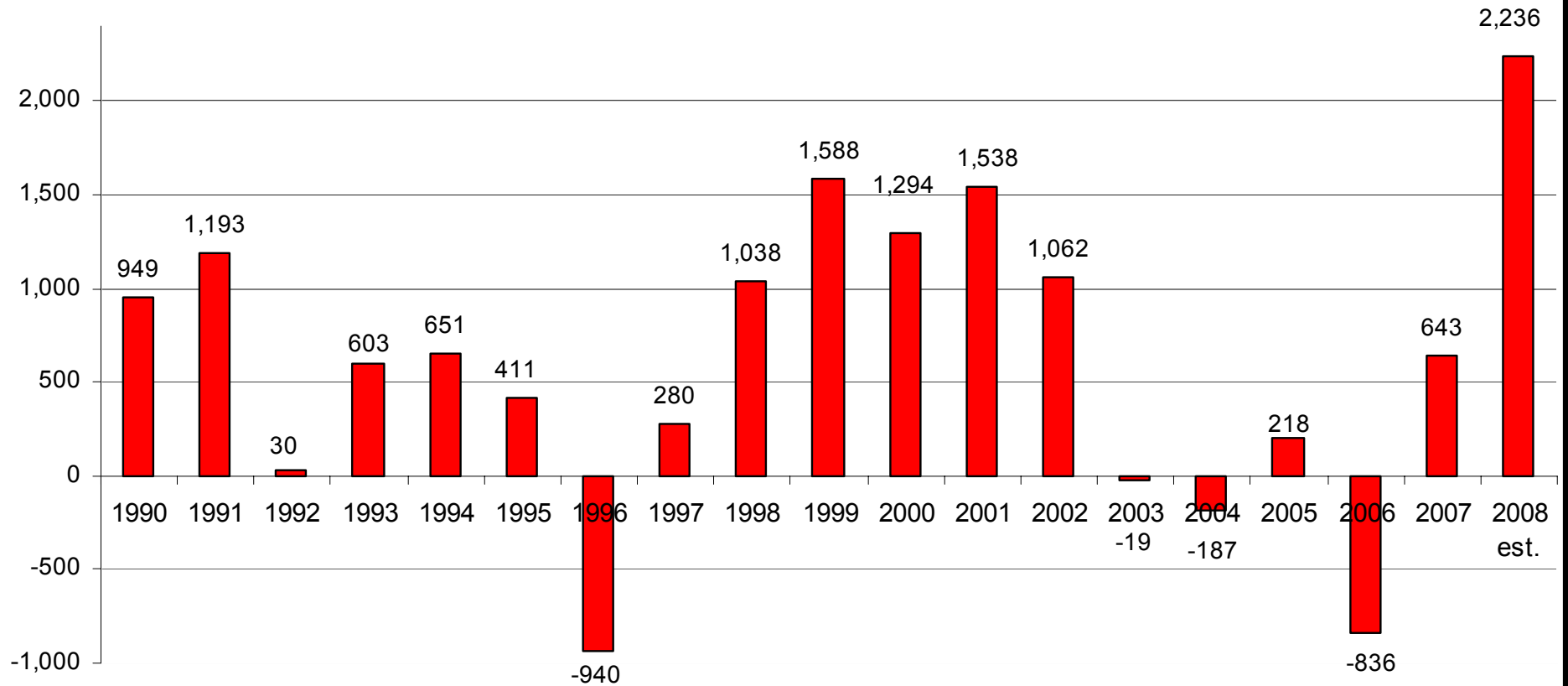


# Enrollment Change Factors



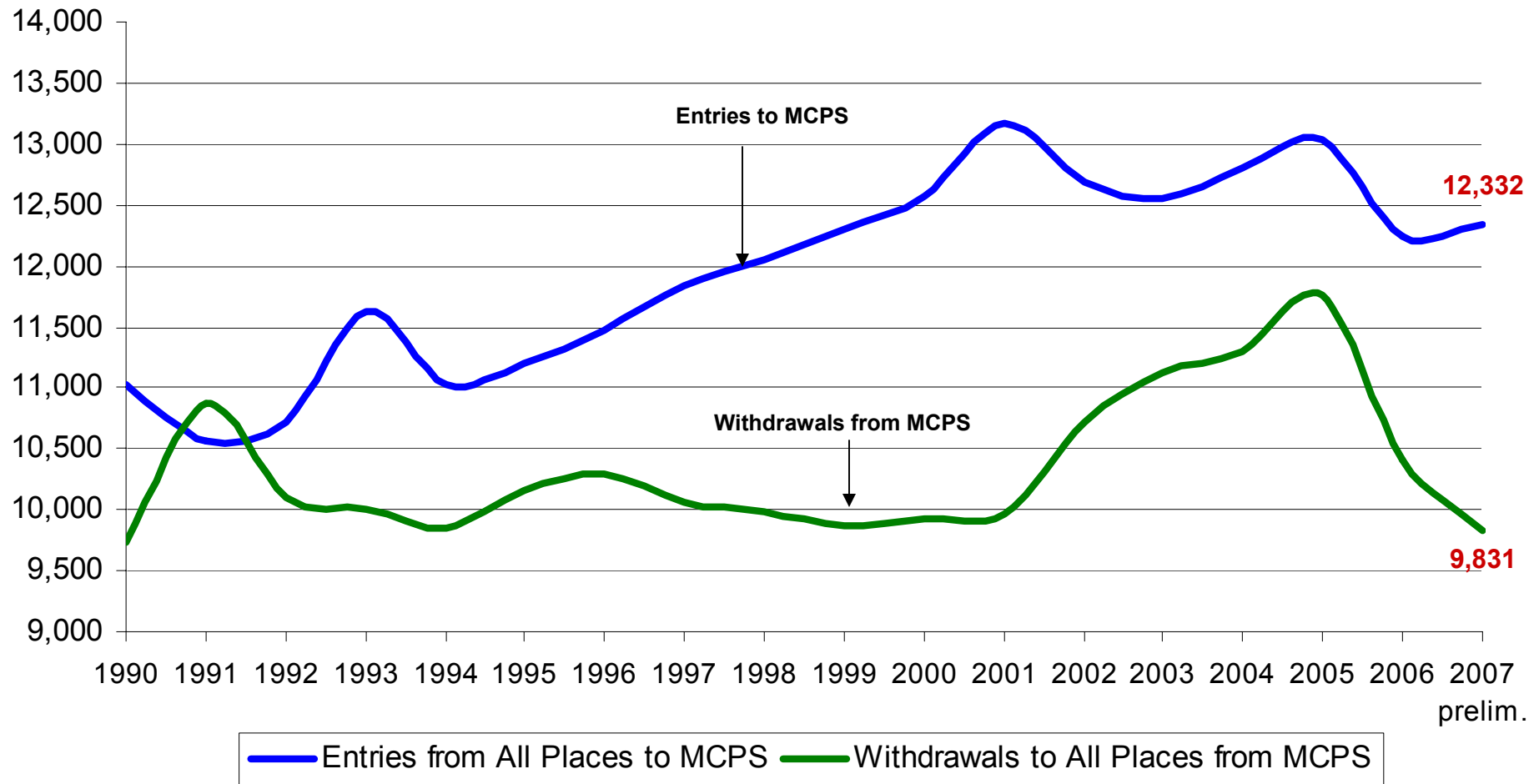
# Enrollment Change Factors

**Total Net Migration in Enrollment from K-11 to Grades 1-12  
1990 to 2008 est.**



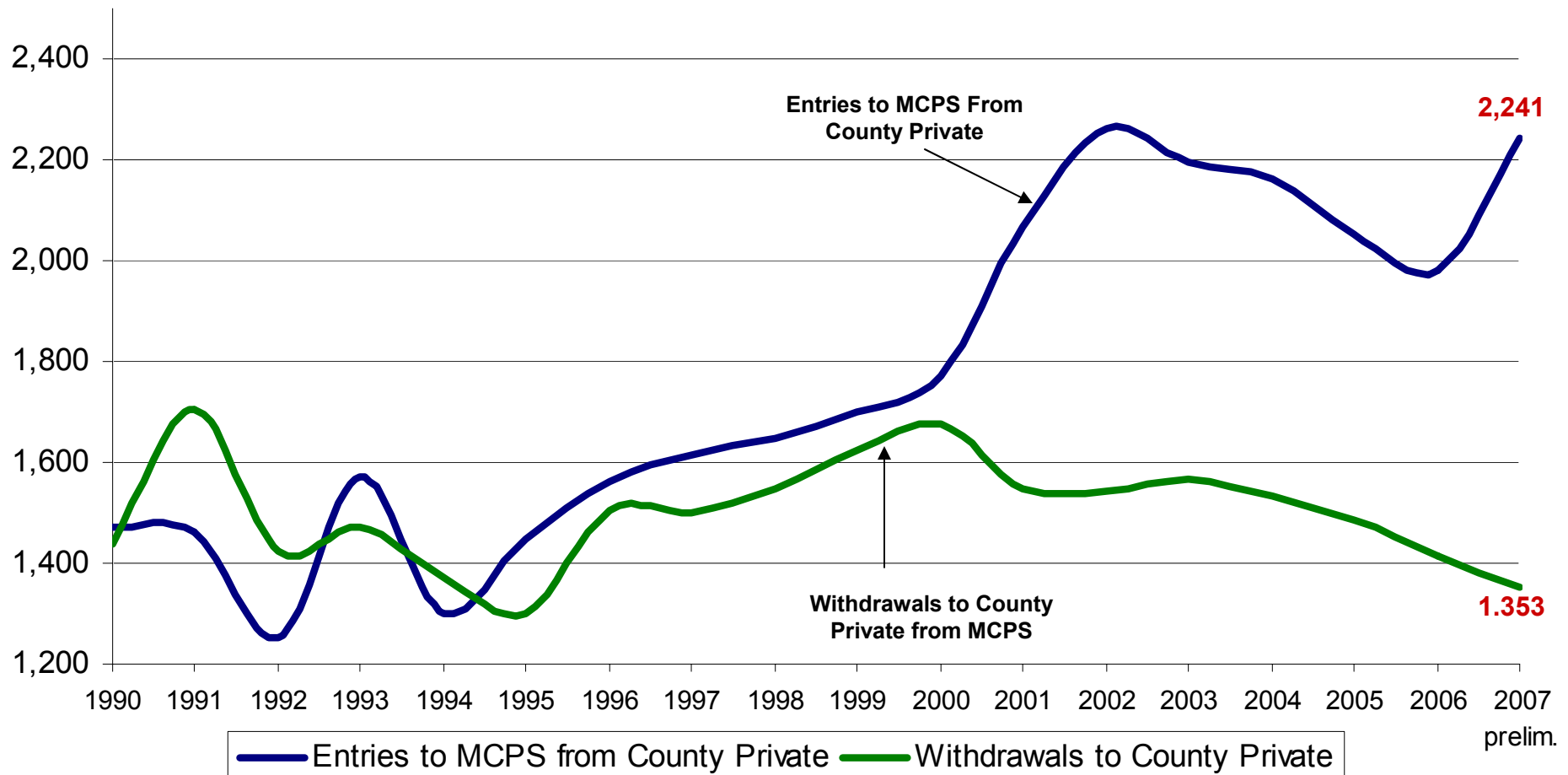
# Enrollment Change Factors

## Student Migration Patterns: Movement Into and Out Of MCPS



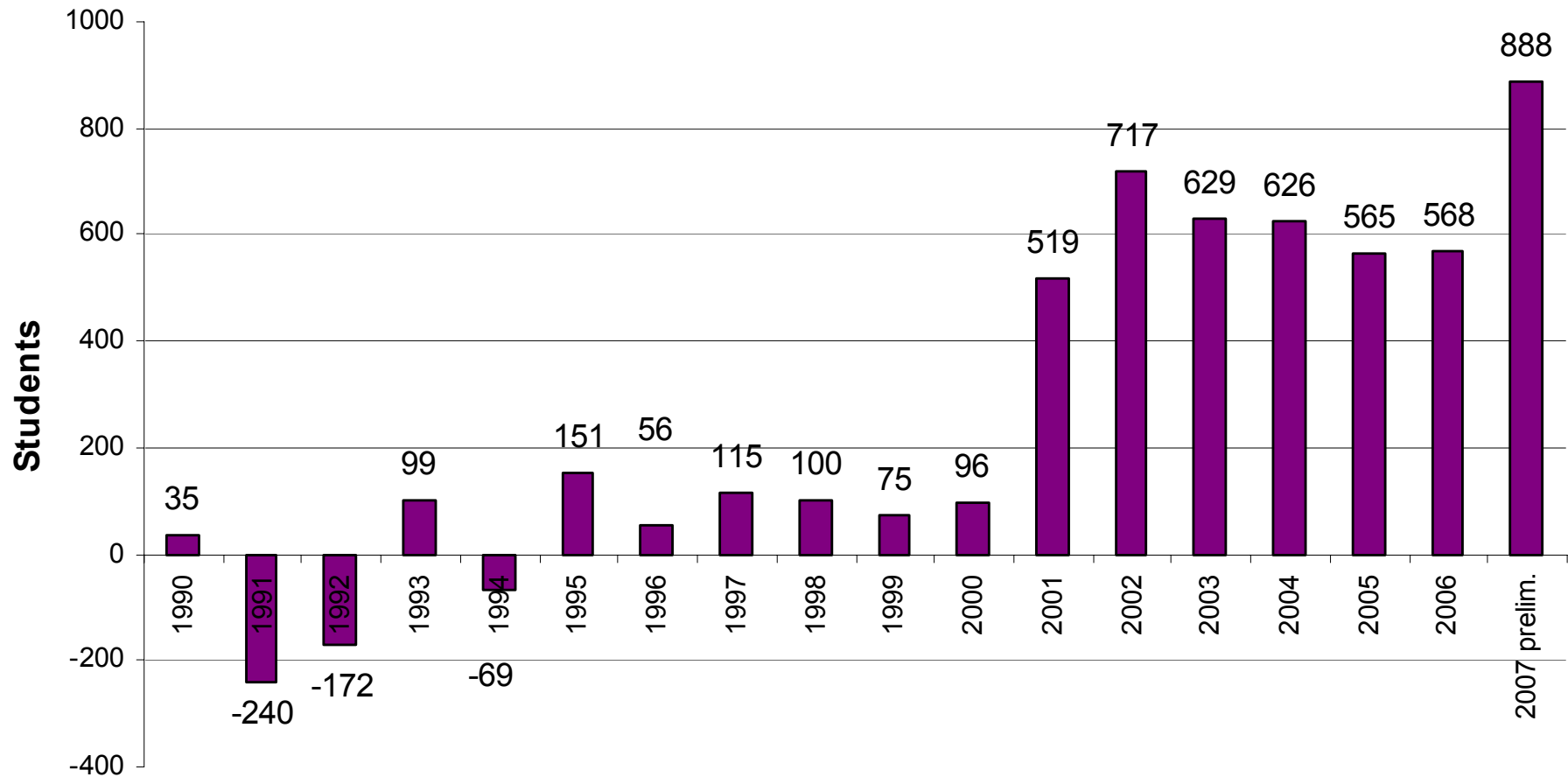
# Enrollment Change Factors

## Number of Students Moving From County Private to MCPS and To County Private from MCPS



# Enrollment Change Factors

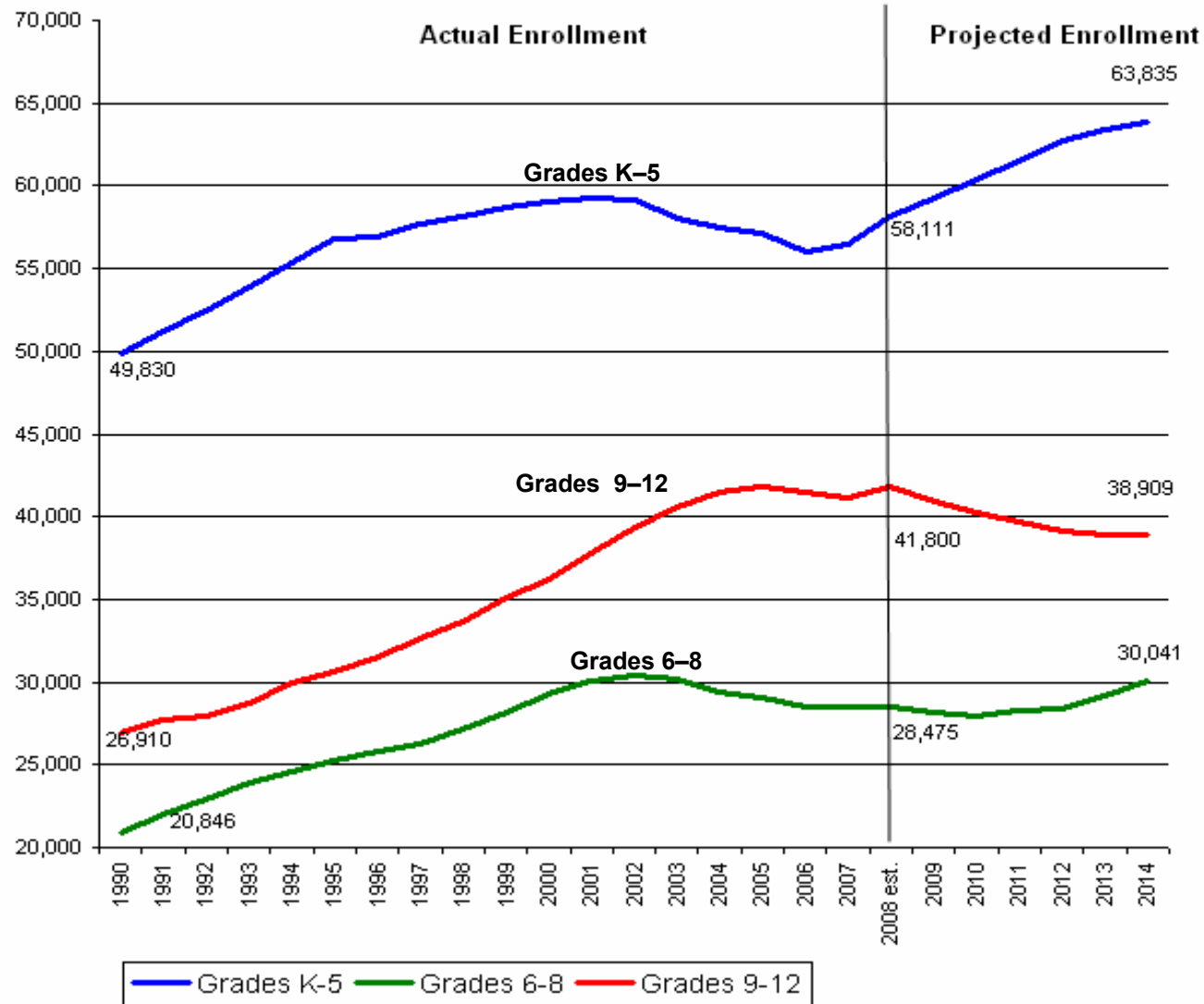
**Net Amount of MCPS Enrollment Change Due to Migration of Students from/ to County Private Schools**



# MCPS Enrollment Forecast

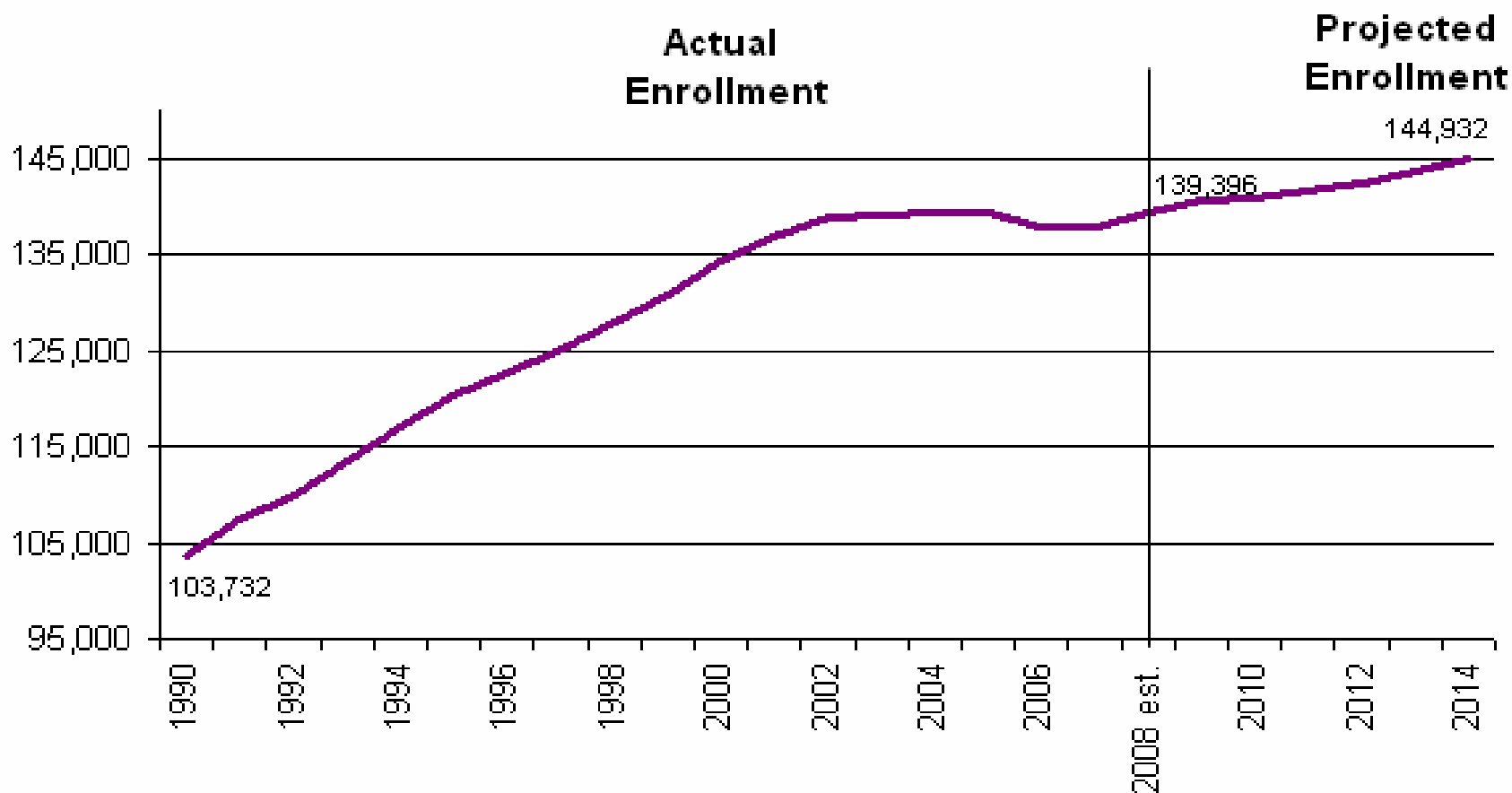
# Enrollment Forecast

MCPs Grade Level Enrollments:  
Actual 1990-2008 est. and Projected 2009-14



# Enrollment Forecast

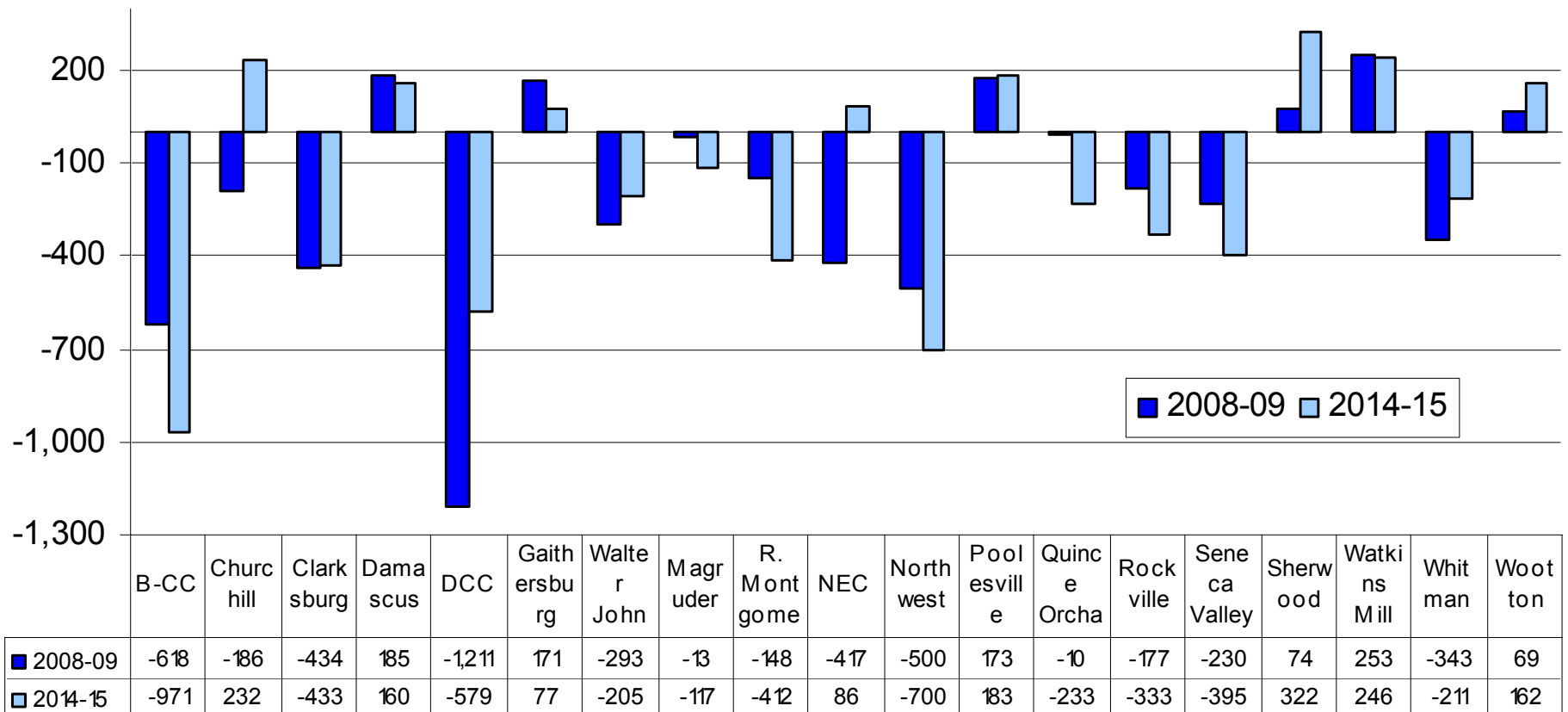
MCPS Total Enrollment:  
Actual 1980-2008 est. and Projected 2009–2014



# Enrollment Forecast and Space

## Elementary Space Available/ Deficit, 2008-09 and 2014-15

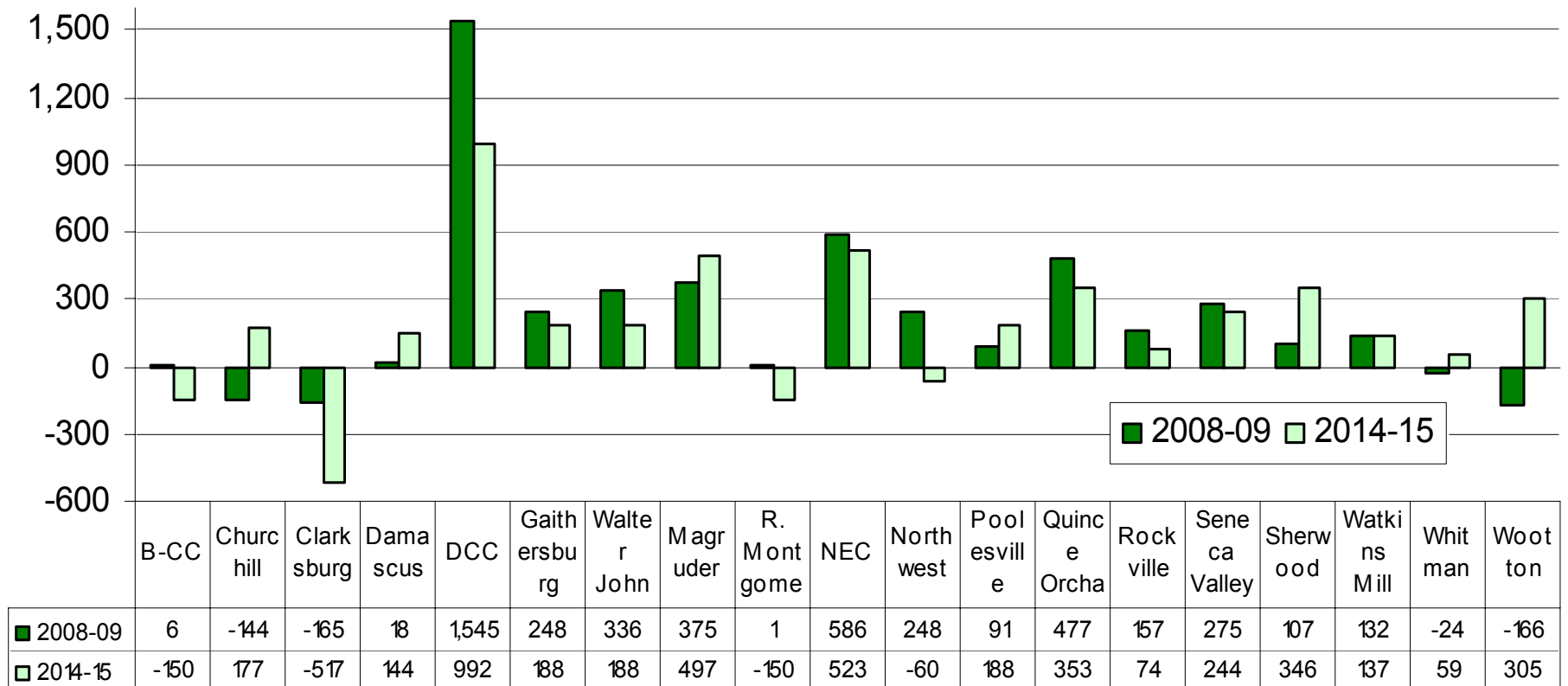
Including Adopted Capital Projects from FY 2009–2014 CIP



# Enrollment Forecast and Space

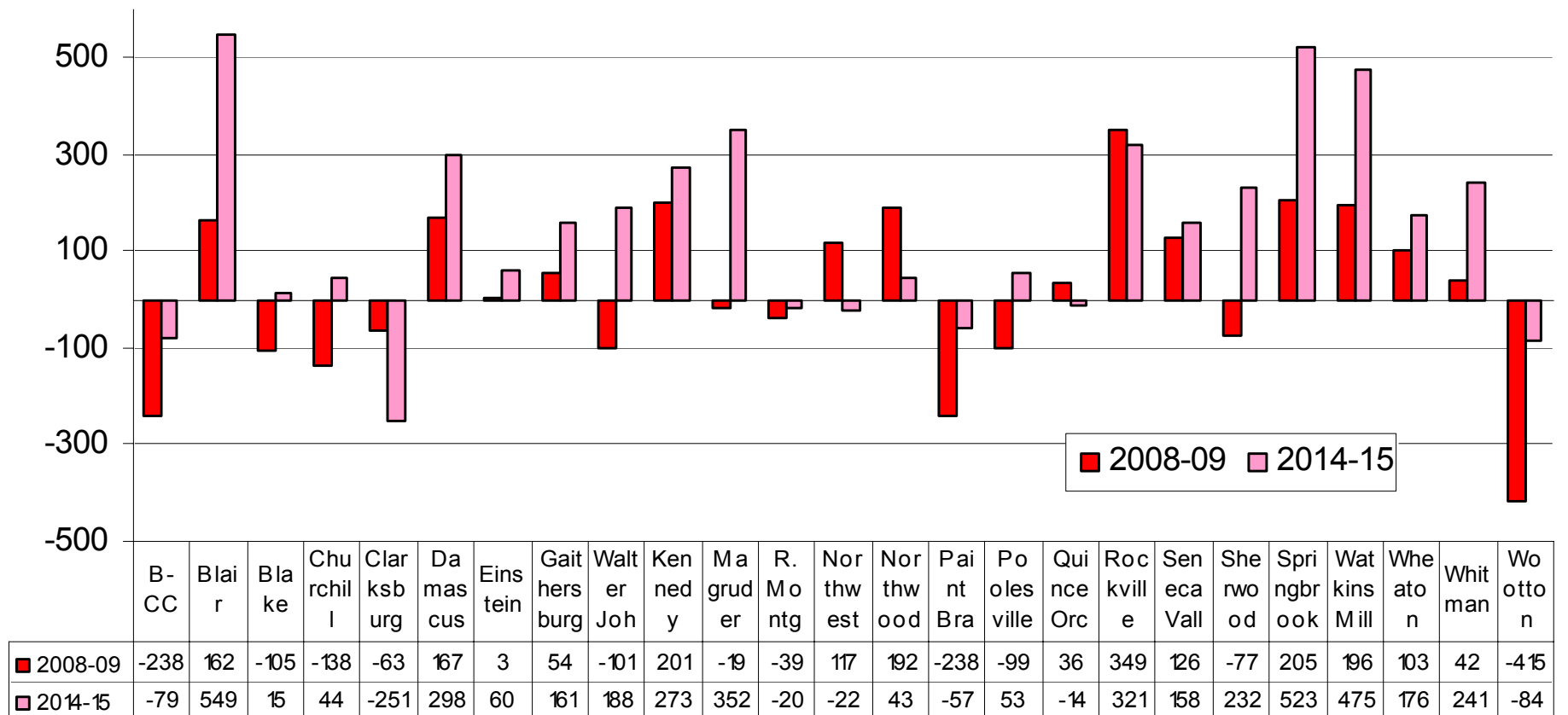
## Middle School Space Available/ Deficit, 2008-09 and 2014-15

Including Adopted Capital Projects from FY 2009–2014 CIP



# Enrollment Forecast and Space

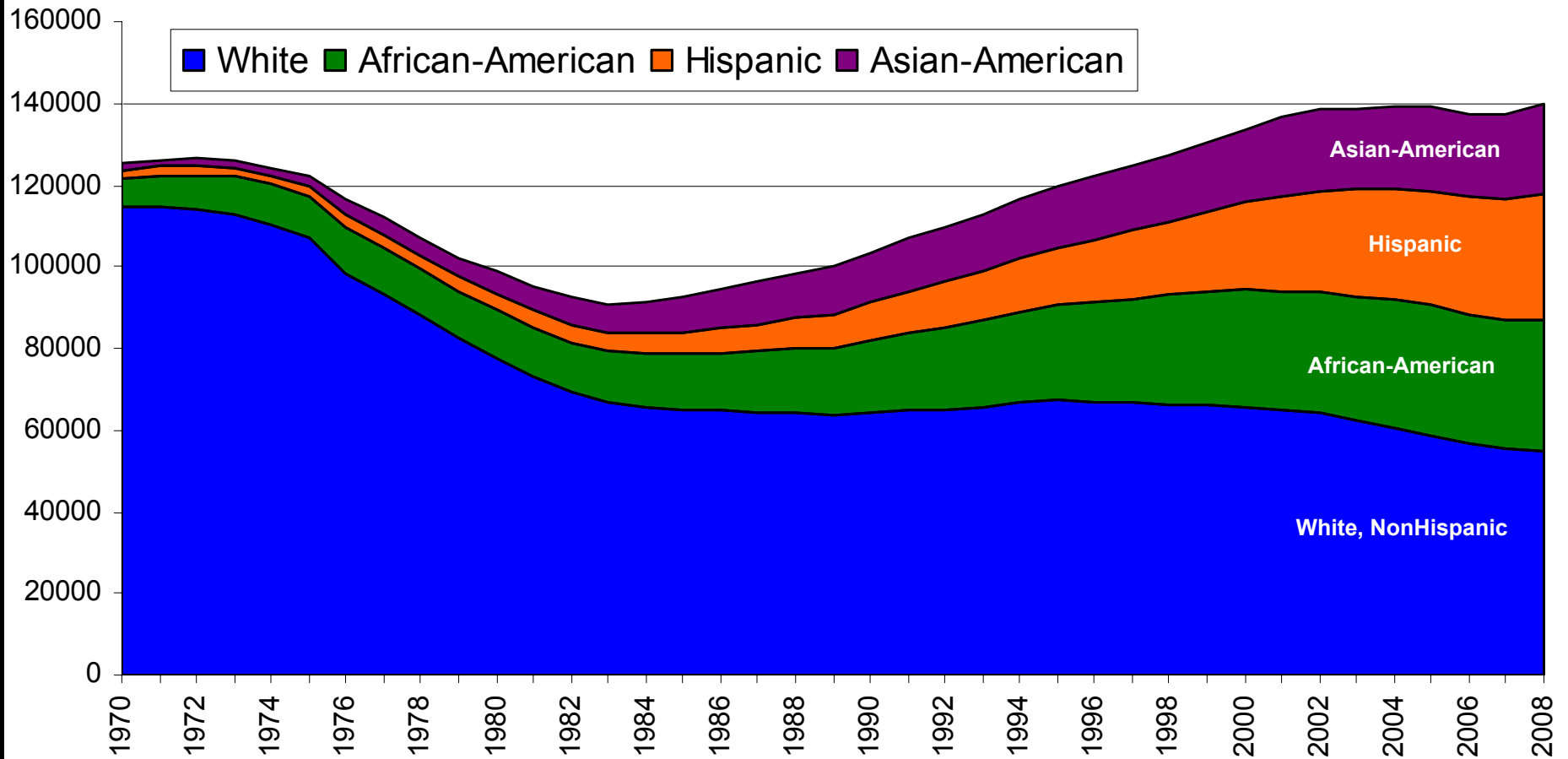
**High School Space Available/ Deficit, 2008-09 and 2014-15**  
Including Adopted Capital Projects from FY 2009–2014 CIP



# Race/ Ethnic Trends

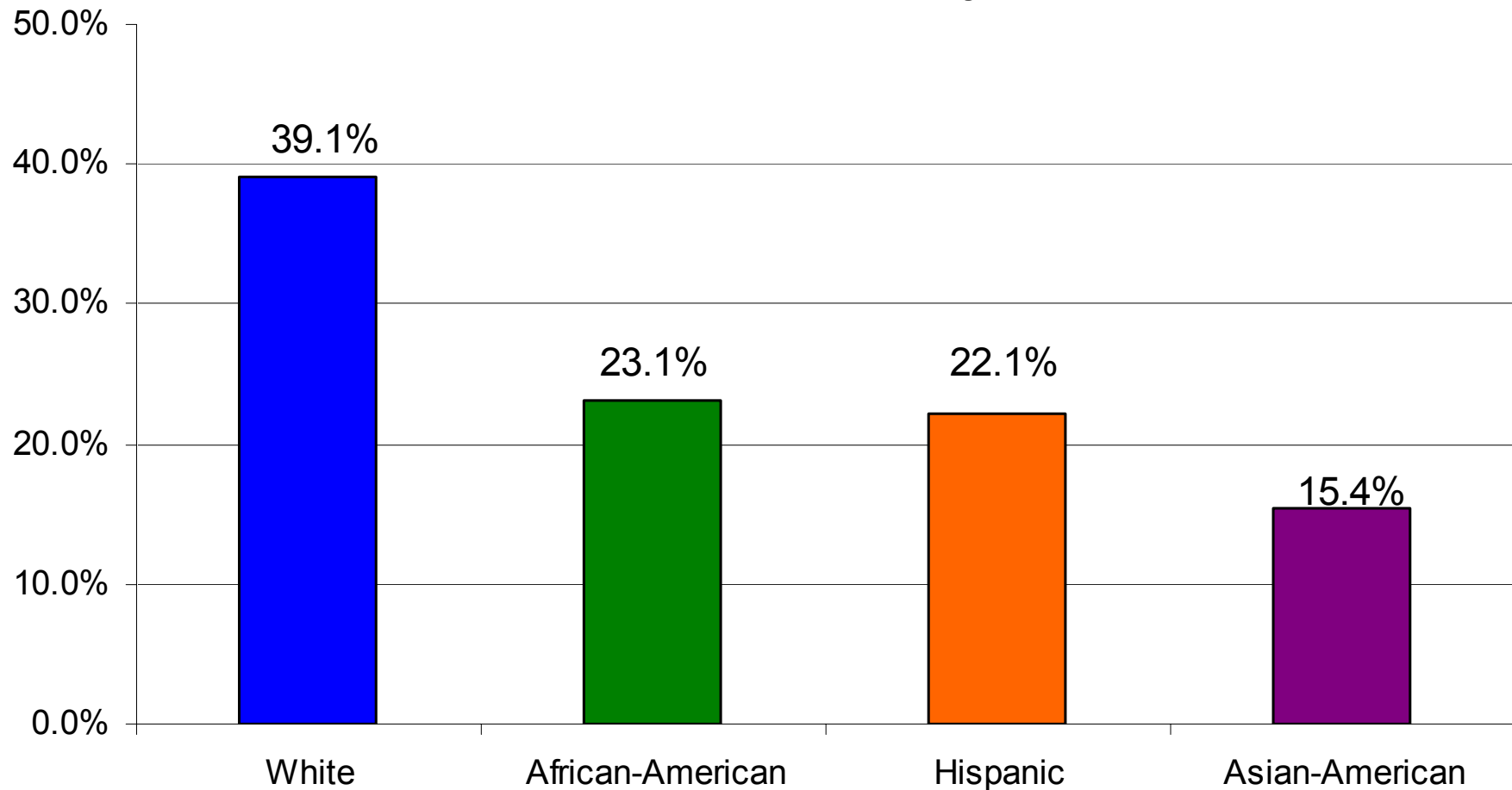
# Race/ Ethnic Trends

**MCPS Enrollment by Race/ Ethnic Group,  
1970 to 2008 preliminary**

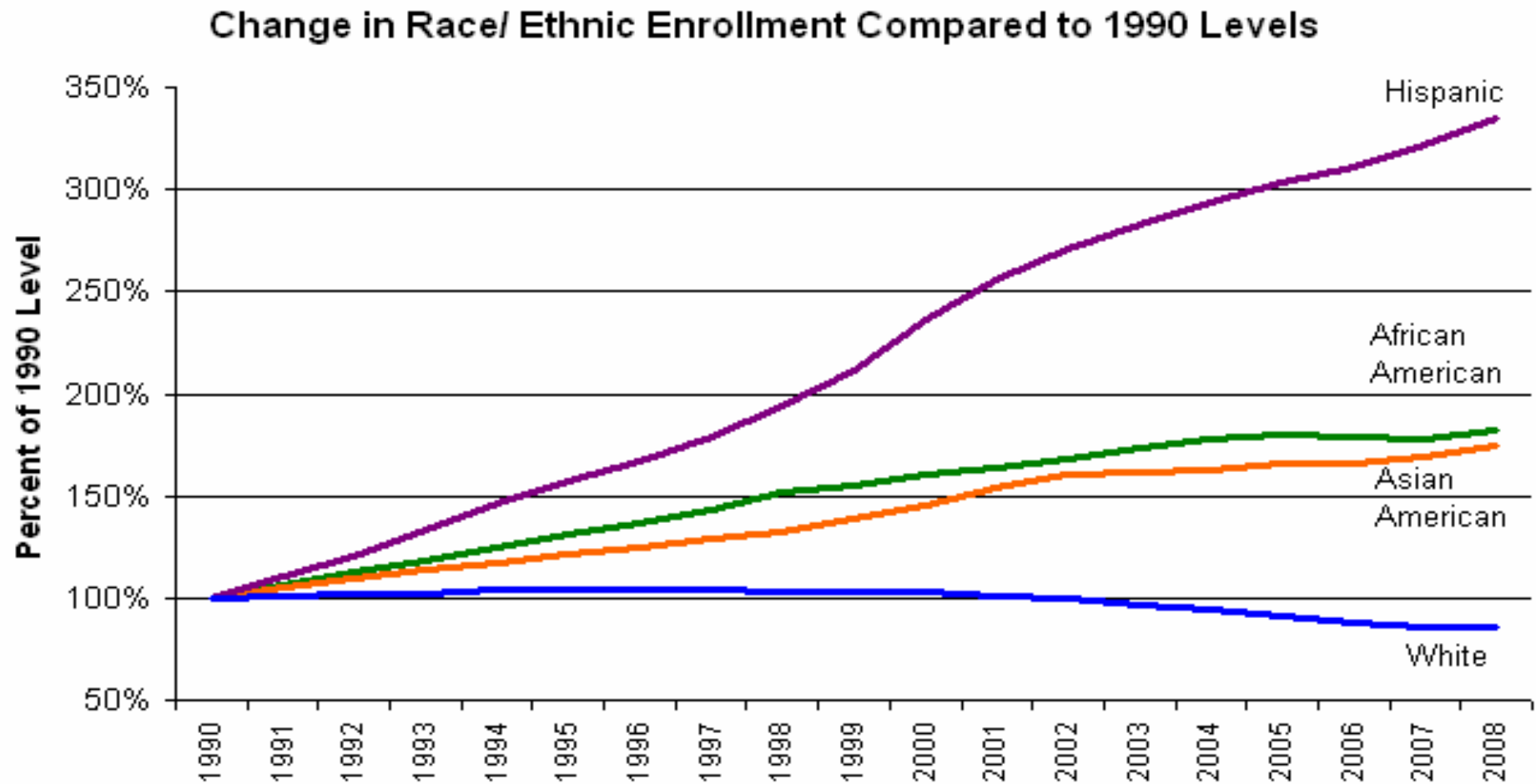


# Race/ Ethnic Trends

**MCPS Percent Race/ Ethnic Composition,  
2008–09 preliminary**

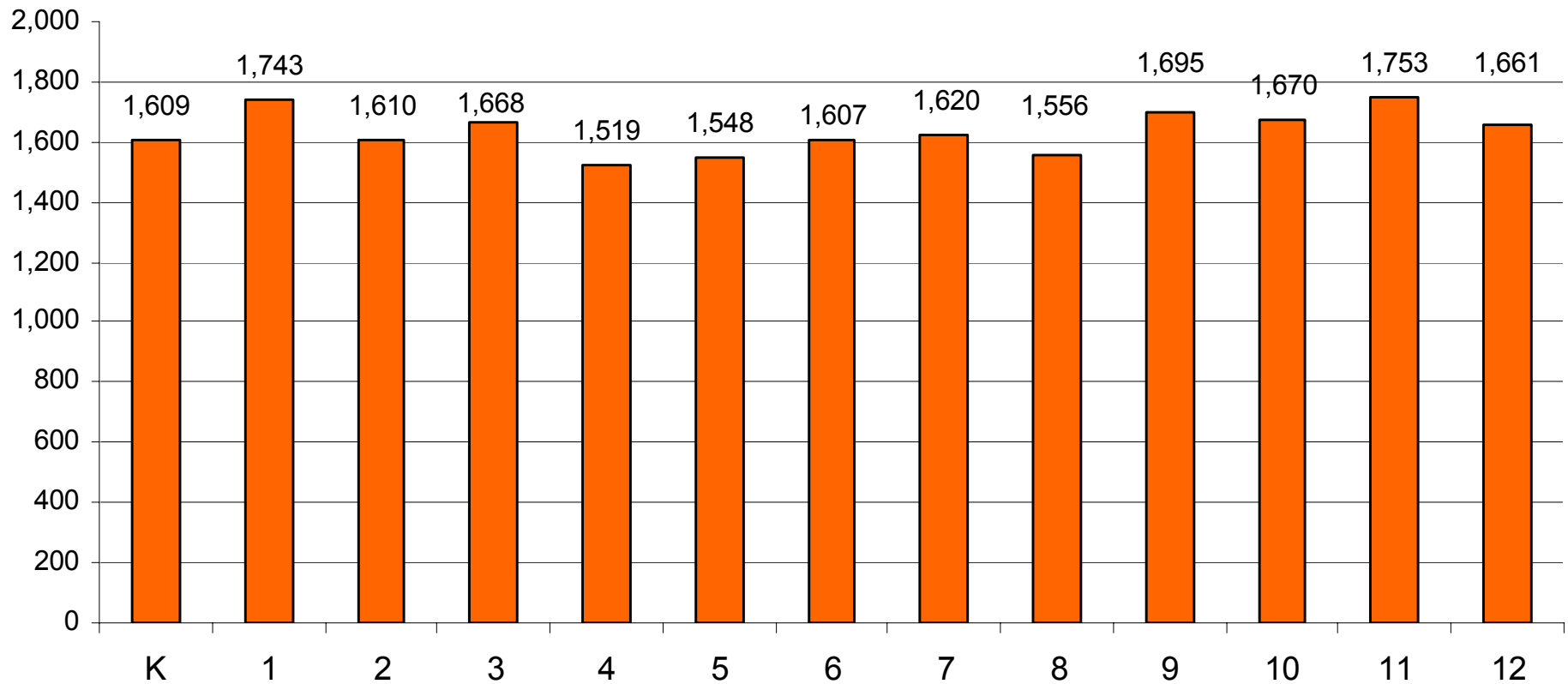


# Race/ Ethnic Trends



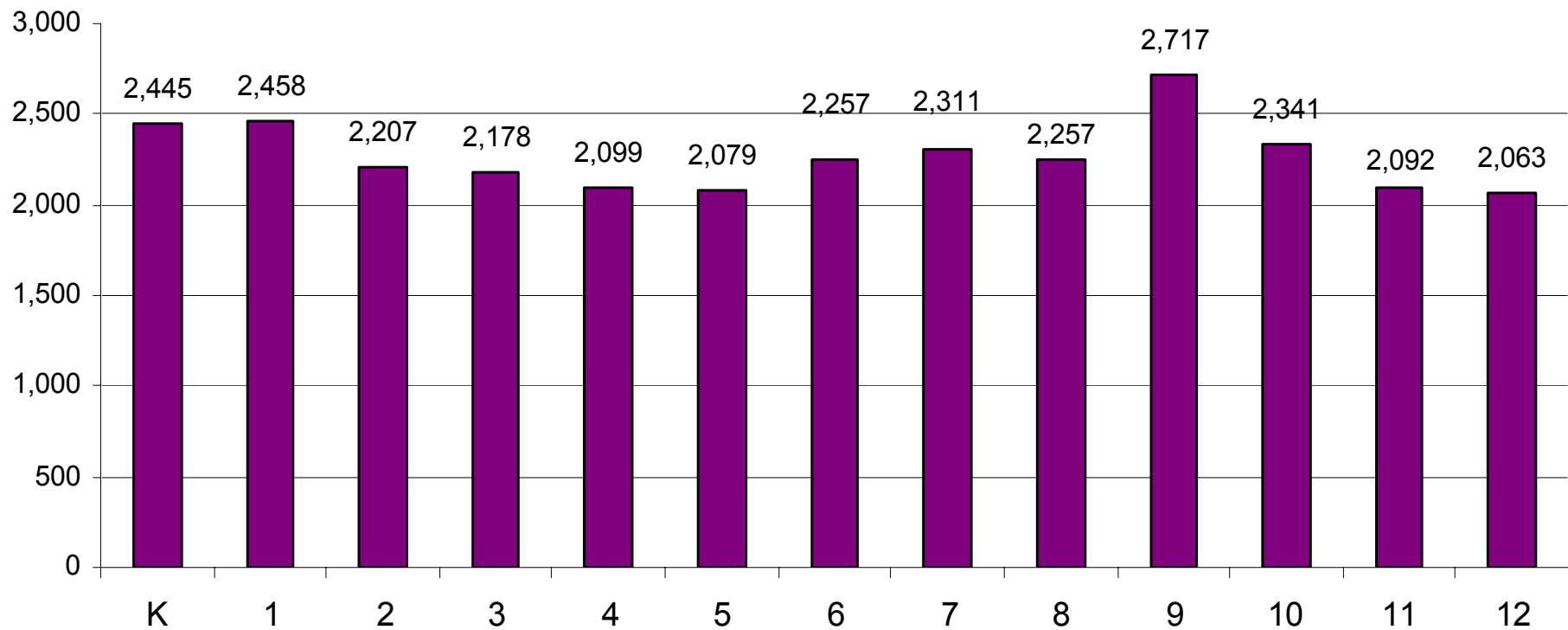
# Race/ Ethnic Trends

## MCPS Asian American Enrollment by Grade 2008–09



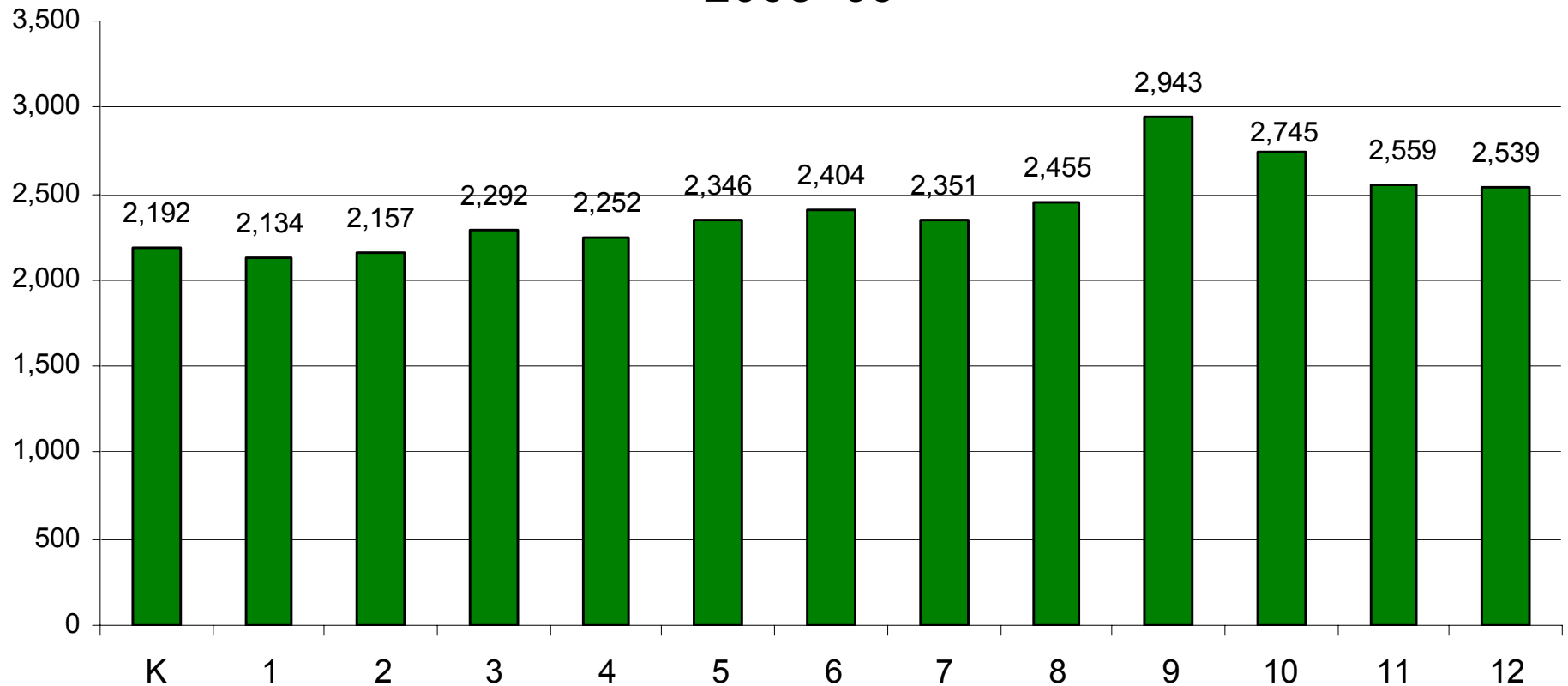
# Race/ Ethnic Trends

## MCPS Hispanic Enrollment by Grade 2008-09



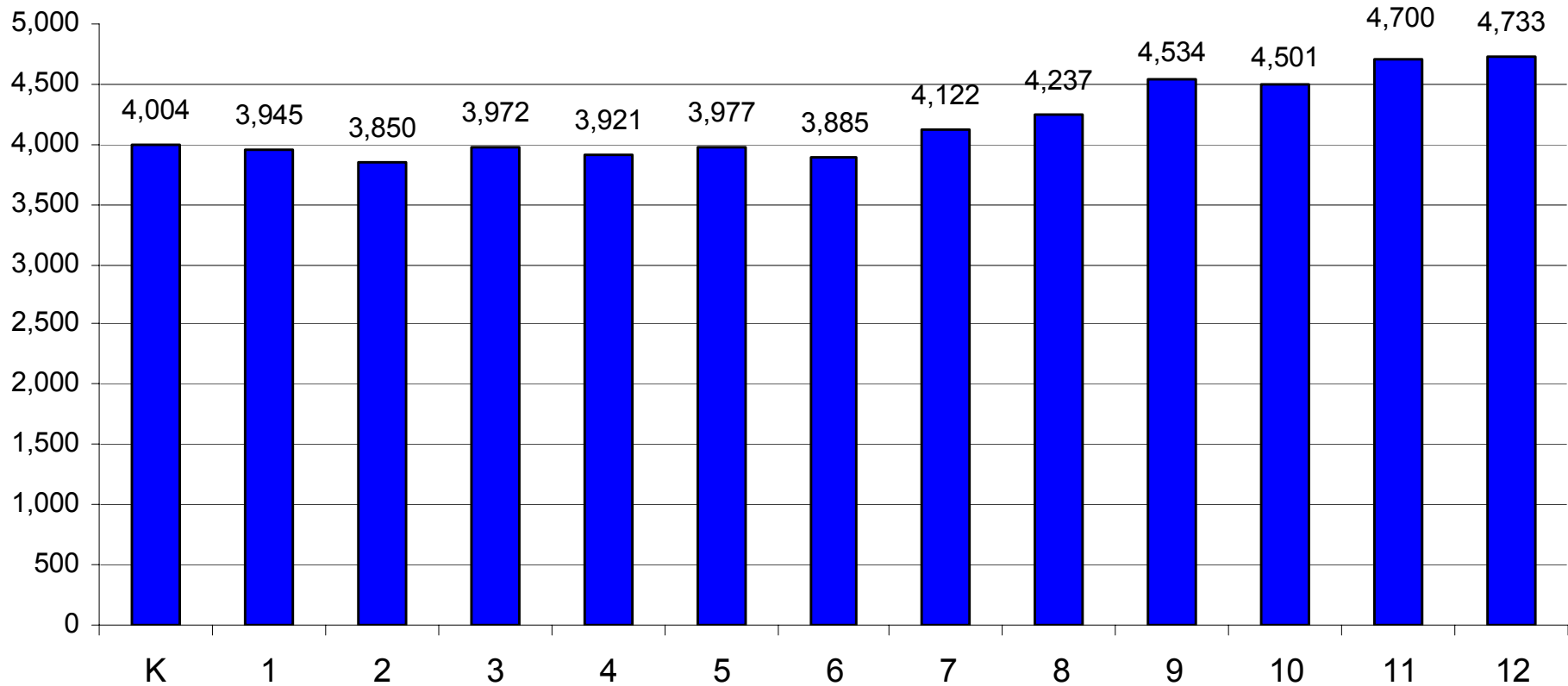
# Race/ Ethnic Trends

## MCPS African American Enrollment by Grade 2008–09



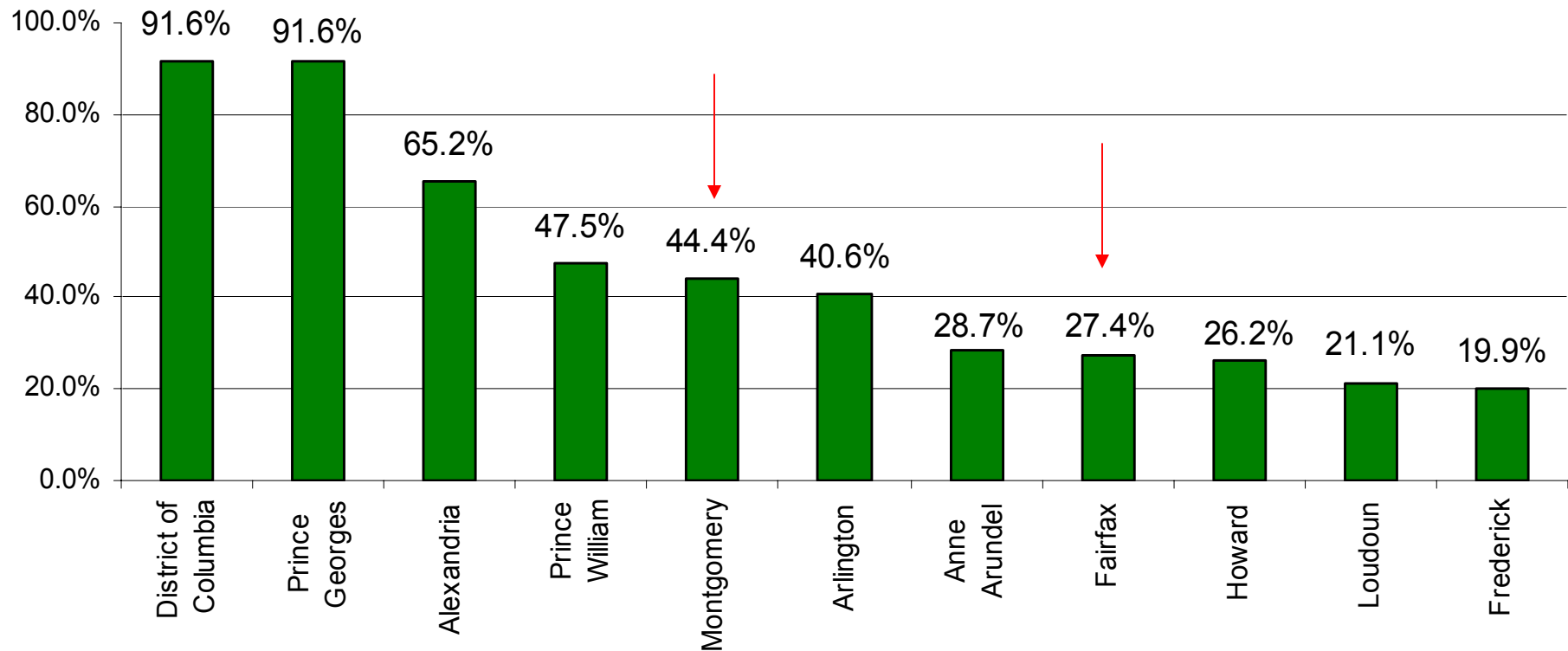
# Race/ Ethnic Trends

## MCPS White Enrollment by Grade 2008–09



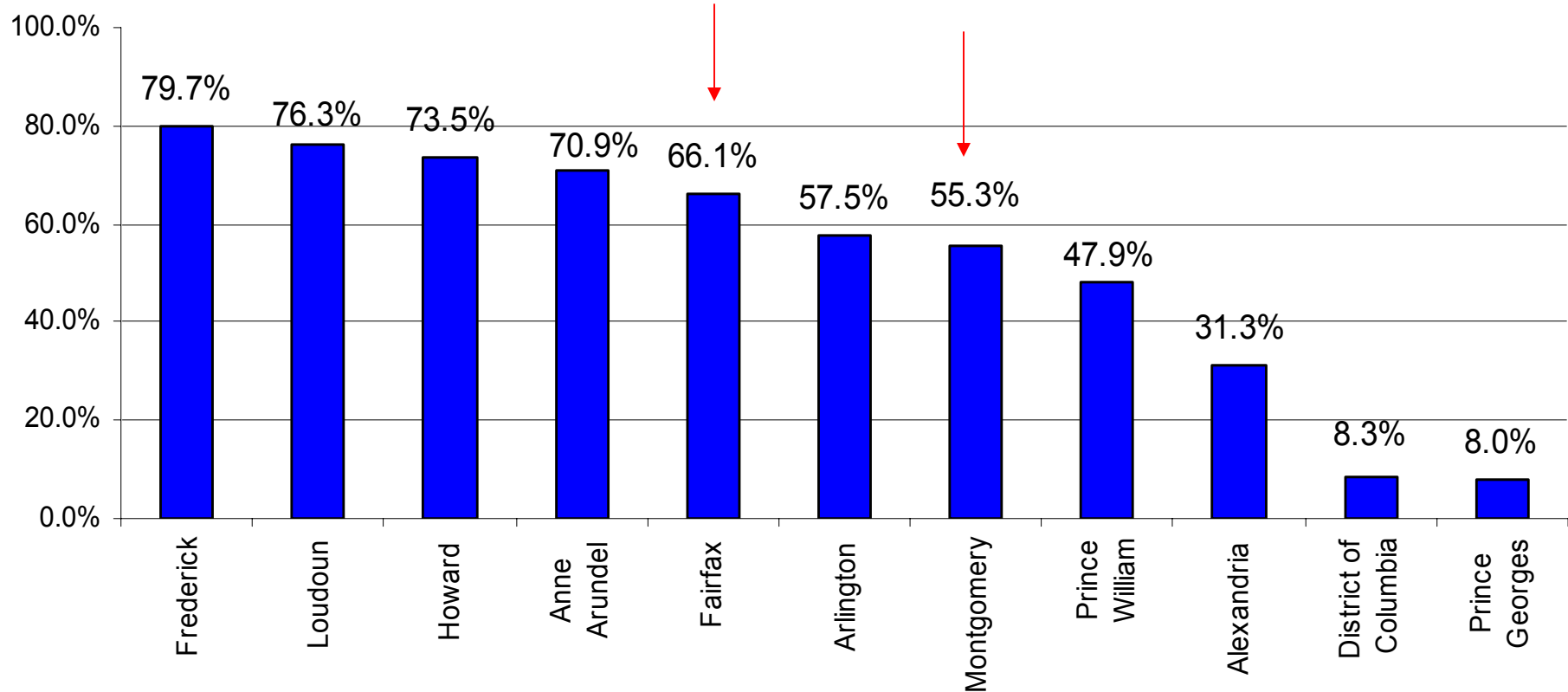
# Race/ Ethnic Trends

**Percent African-American and Hispanic Enrollment in Washington Metro Area School Districts, 2007-08**



# Race/ Ethnic Trends

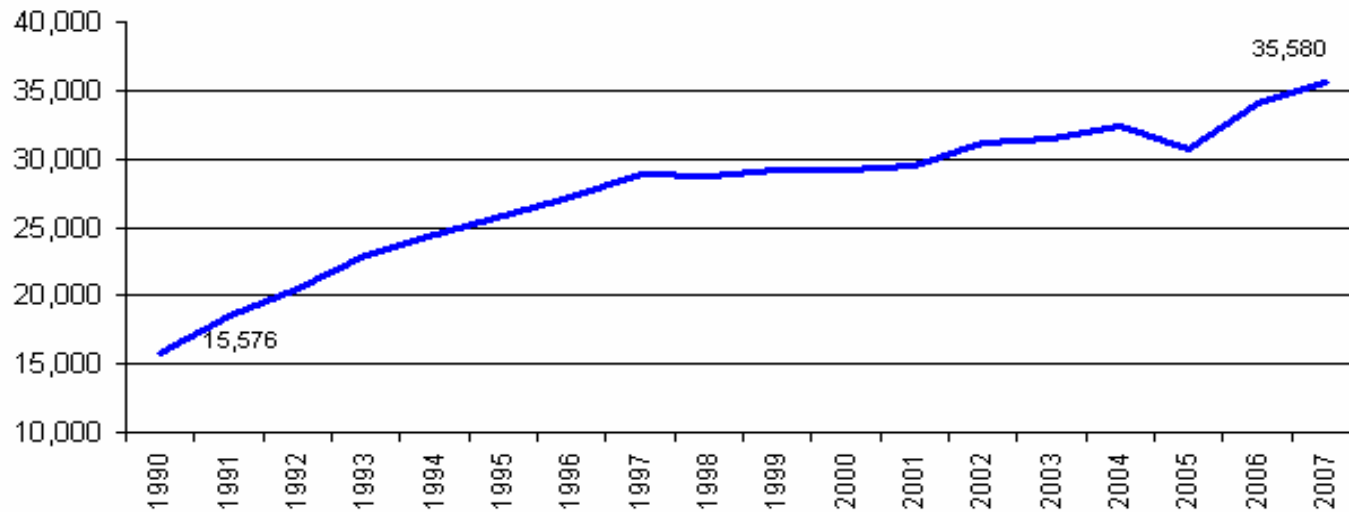
**Percent White, Non-Hispanic and Asian-American Enrollment in Washington Metro Area School Districts, 2007-08**



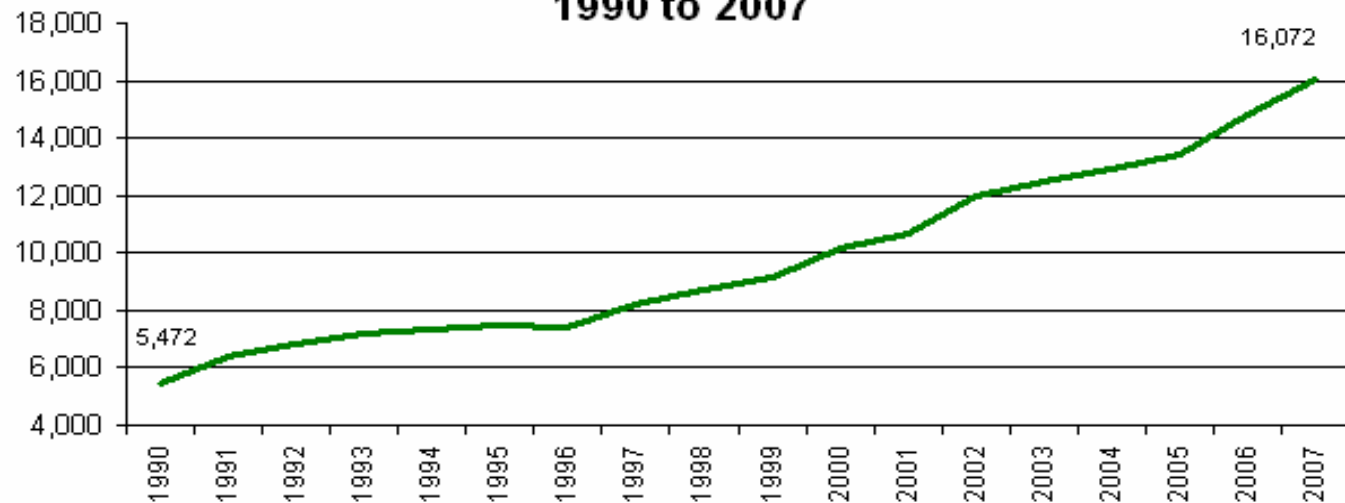
# FARMS and ESOL Trends

# FARMS and ESOL Trends

**Free and Reduced-price Meals Program Enrollment  
1990 to 2007**

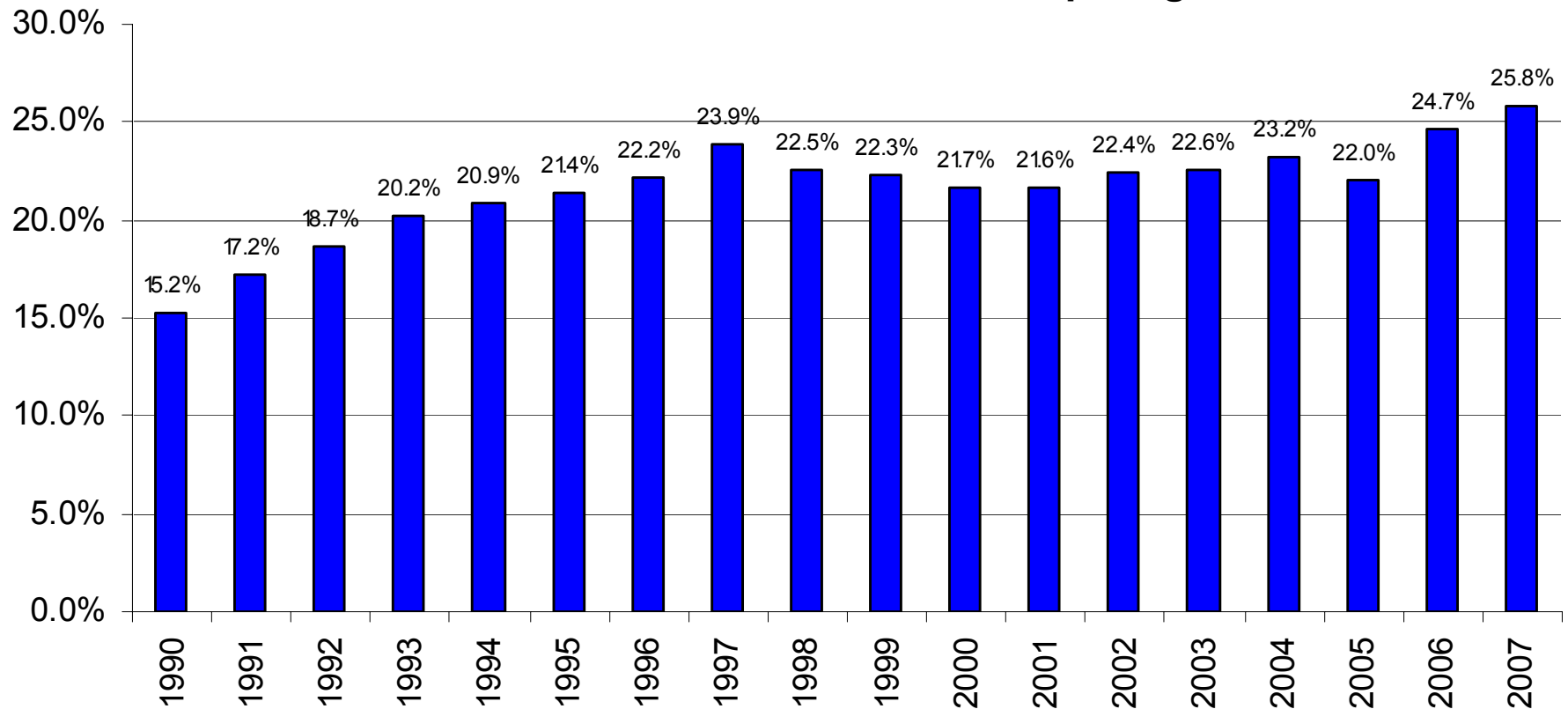


**ESOL Enrollment  
1990 to 2007**



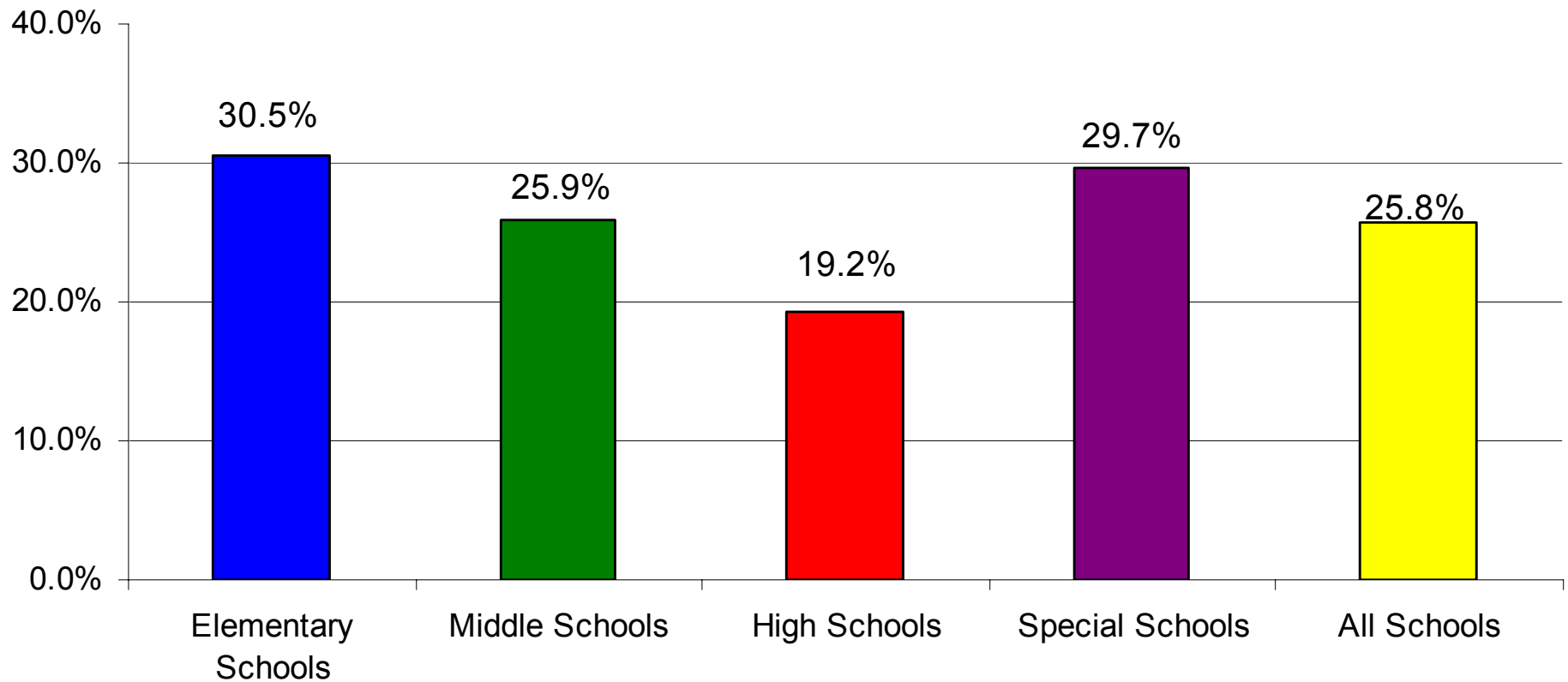
# FARMS Trends

**MCPS Free and Reduced-Price Meals System (FARMS)  
Percent of Total Enrollment Participating**



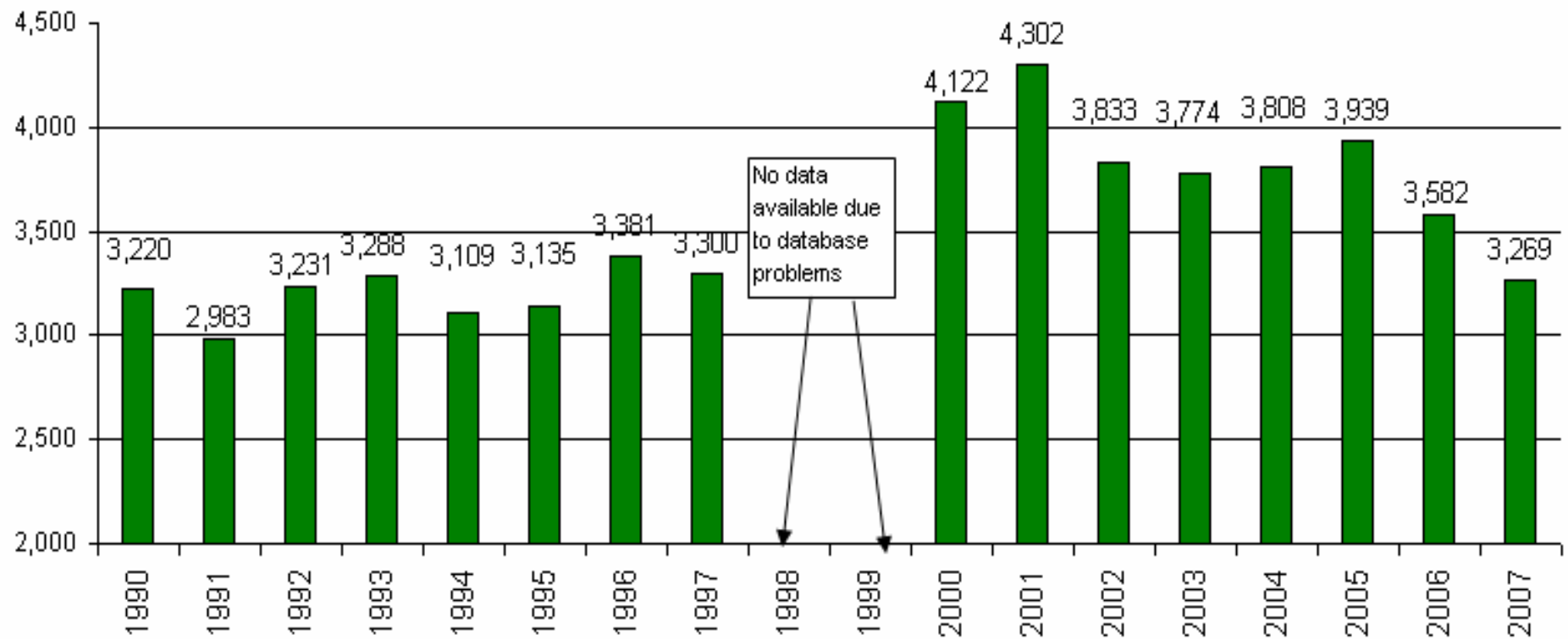
# FARMS Trends

**MCPS FARMS Program  
Percent Participation by School Level, 2007-08**



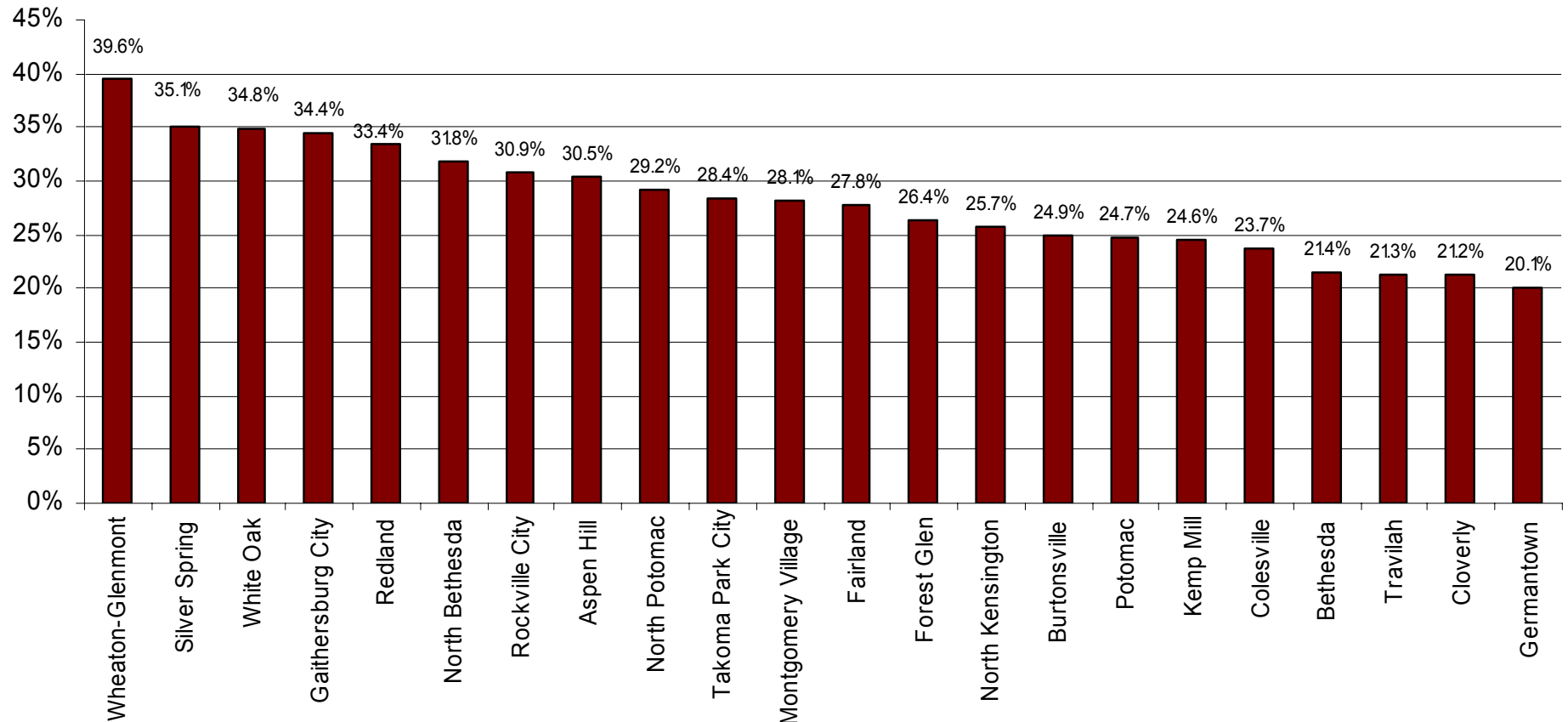
# ESOL Trends

## Enrollment of Students from Outside the U.S.A.



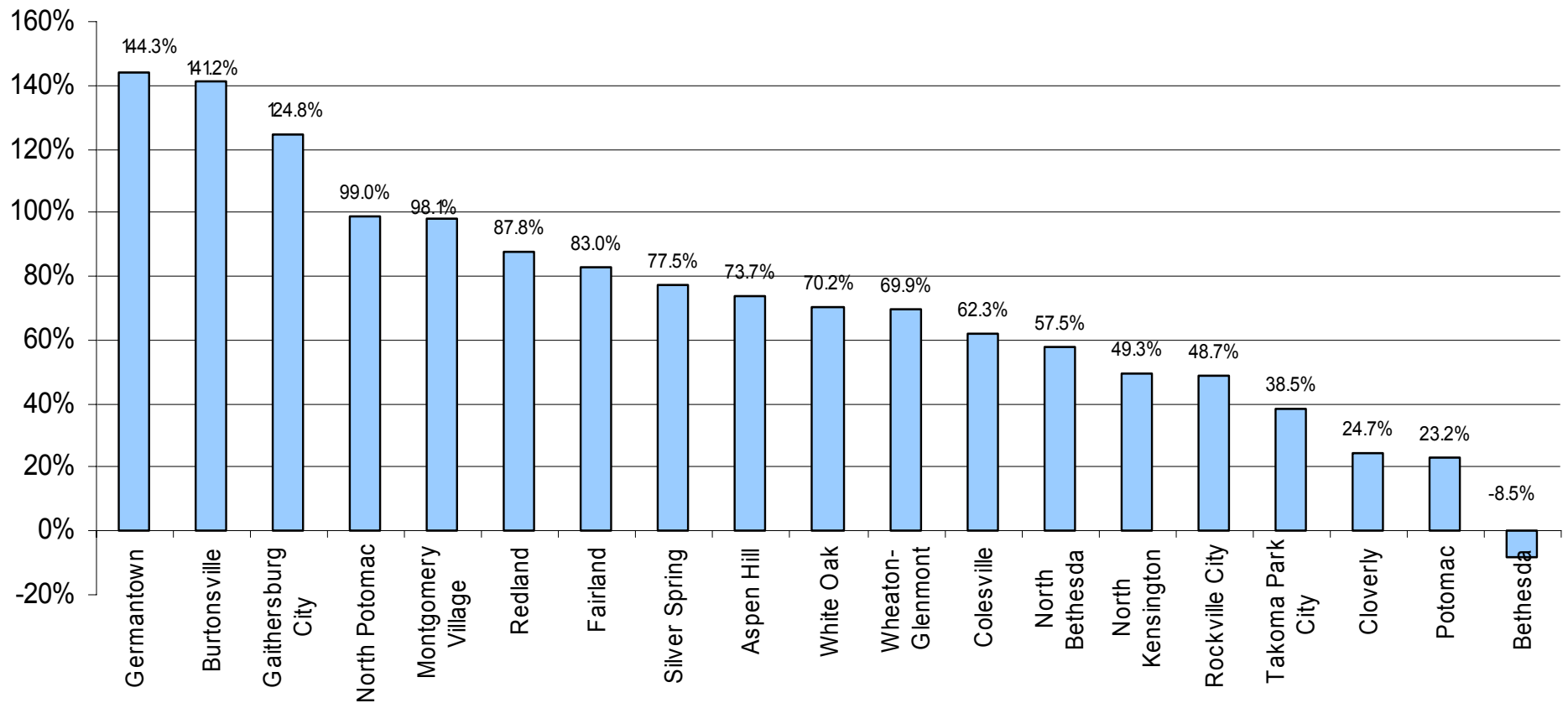
# ESOL Trends

## Percent of Population Foreign-Born in 2000



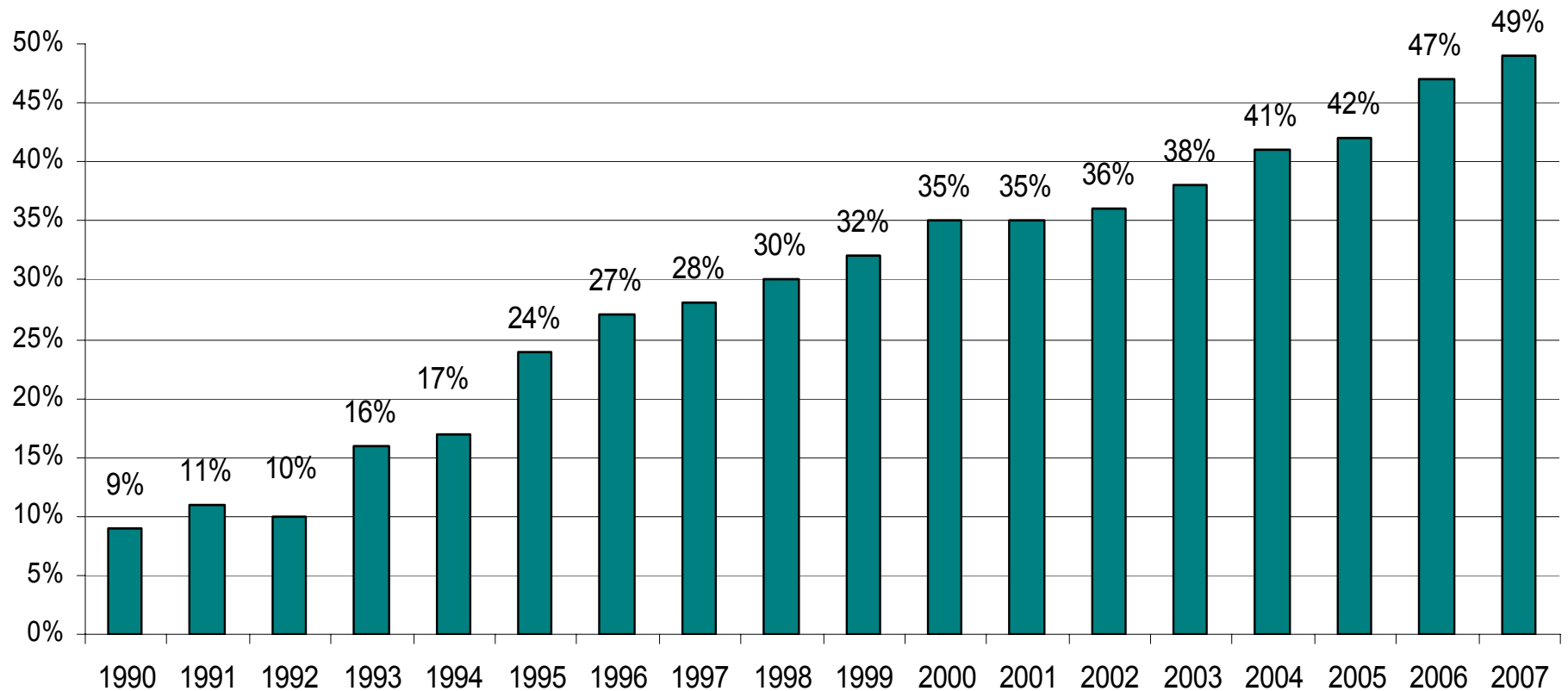
# ESOL Trends

## Percent Change in Foreign-Born Population, 1990 to 2000

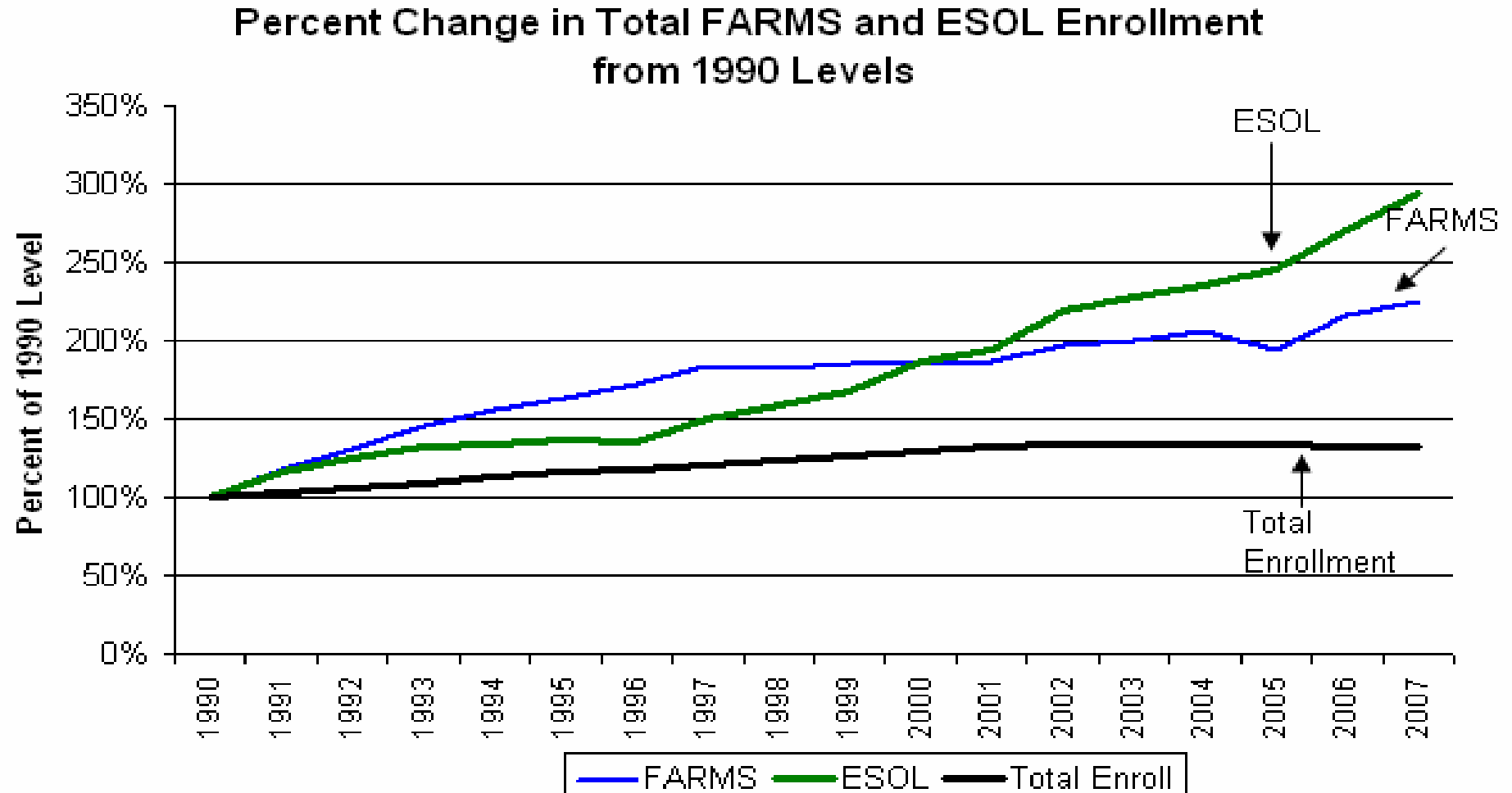


# ESOL Trends

## Percent of MCPS ESOL Students Born in United States



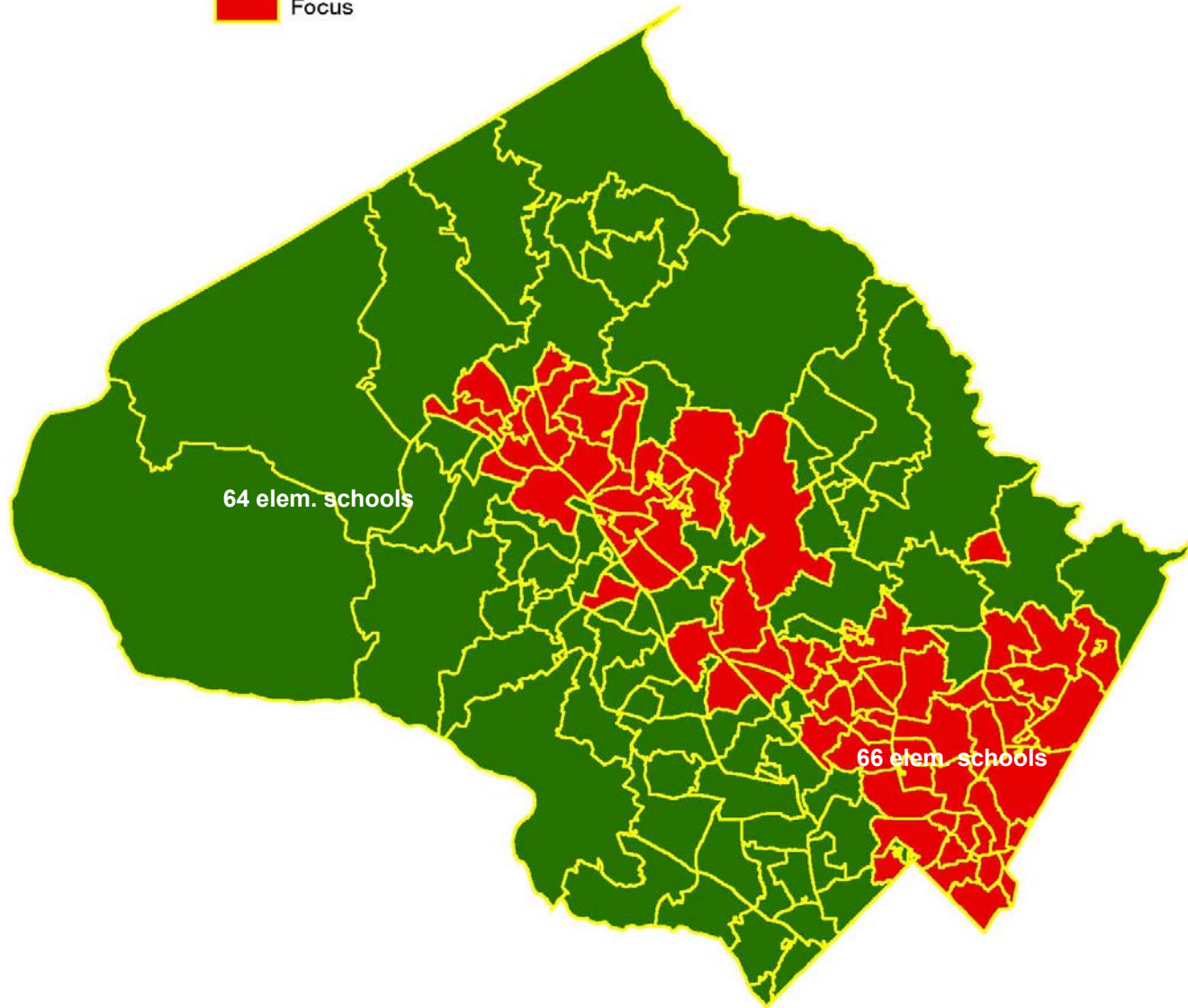
# FARMS and ESOL Trends



# Trends in Focus and Nonfocus Elementary Schools

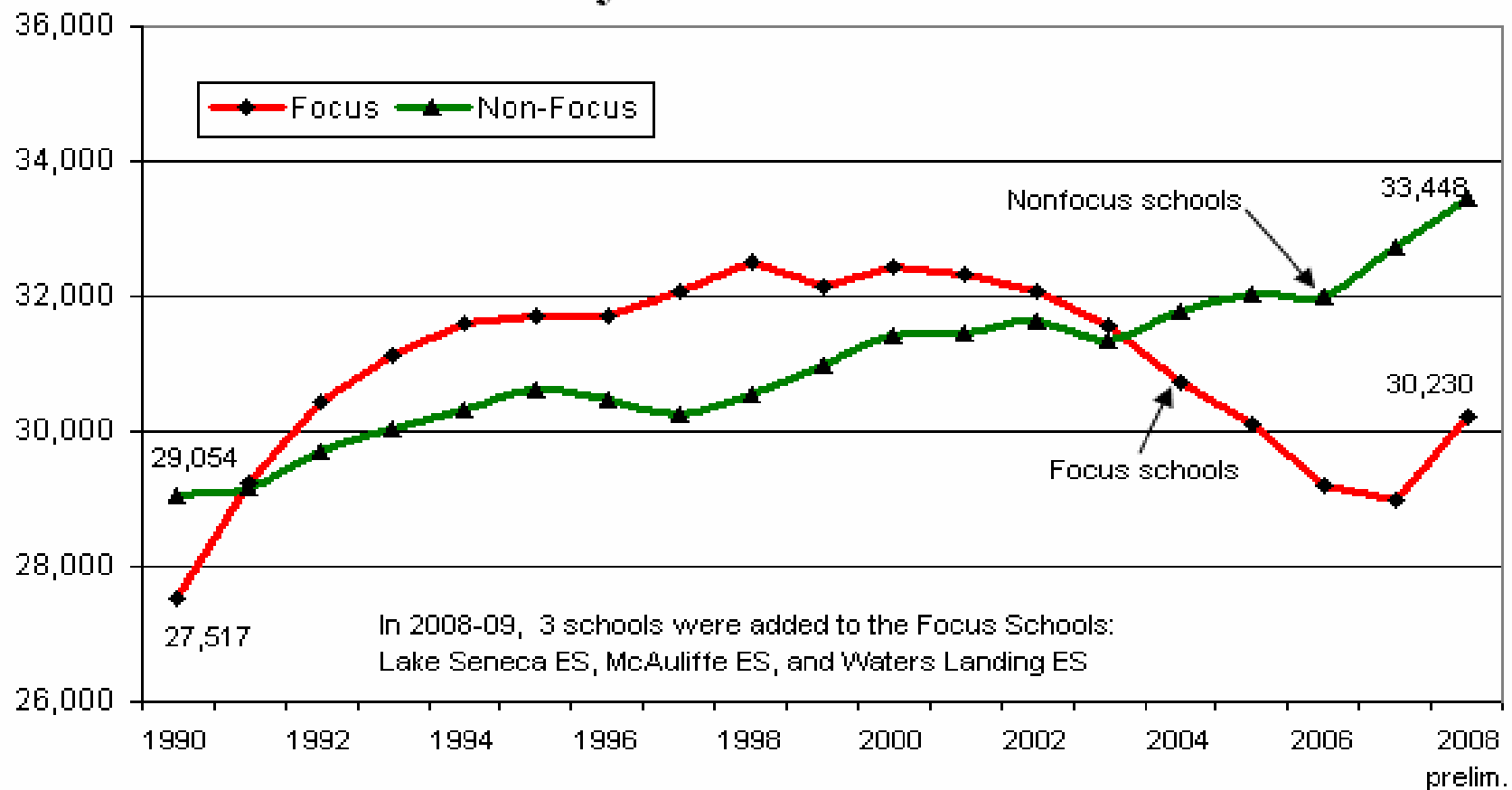
# MCPS Focus/Non-Focus Service Areas

- Non-Focus
- Focus



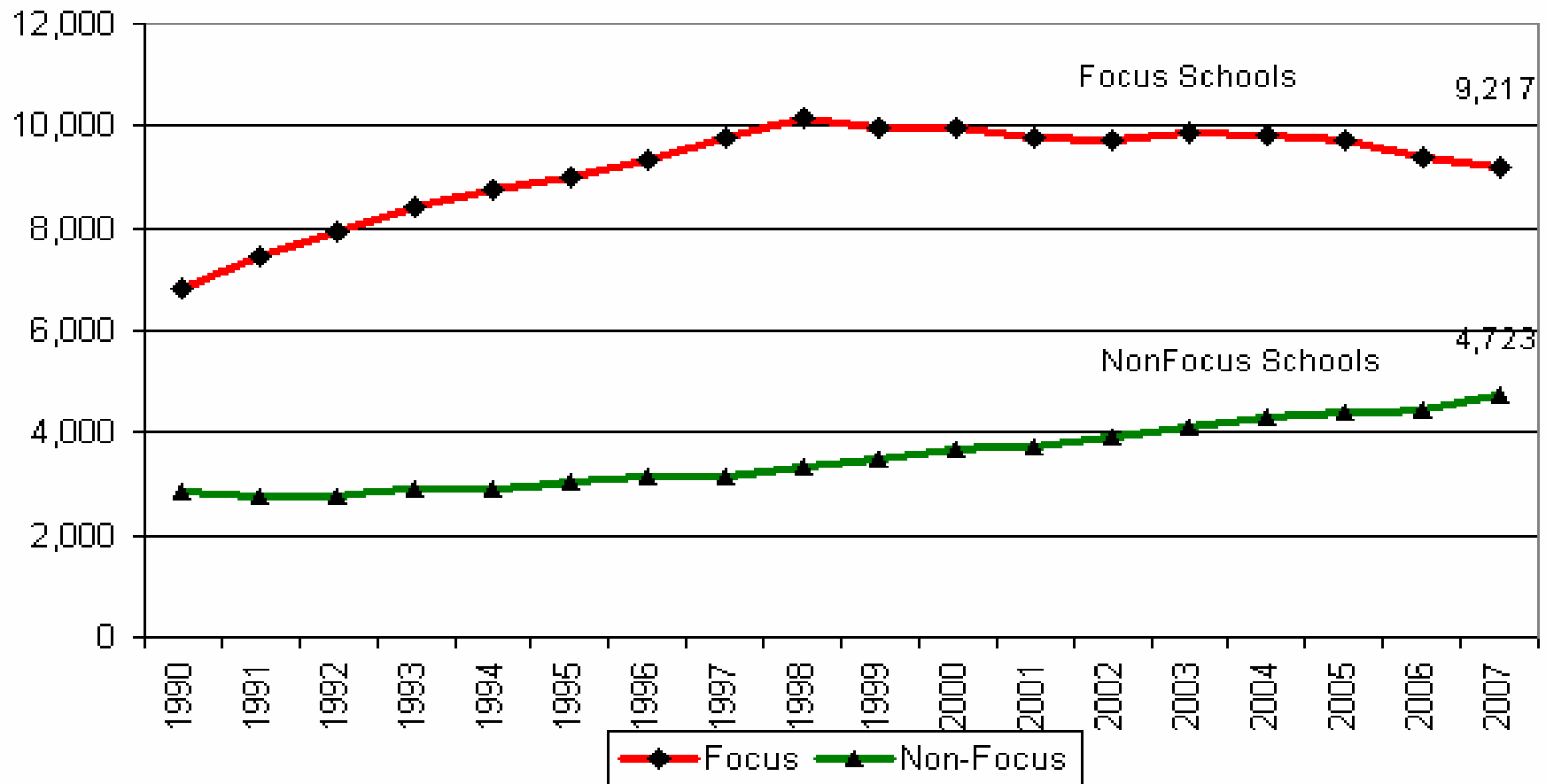
# Focus and Nonfocus Schools

## Total Enrollment in Focus and Non-Focus Elementary Schools: 1990 to 2008



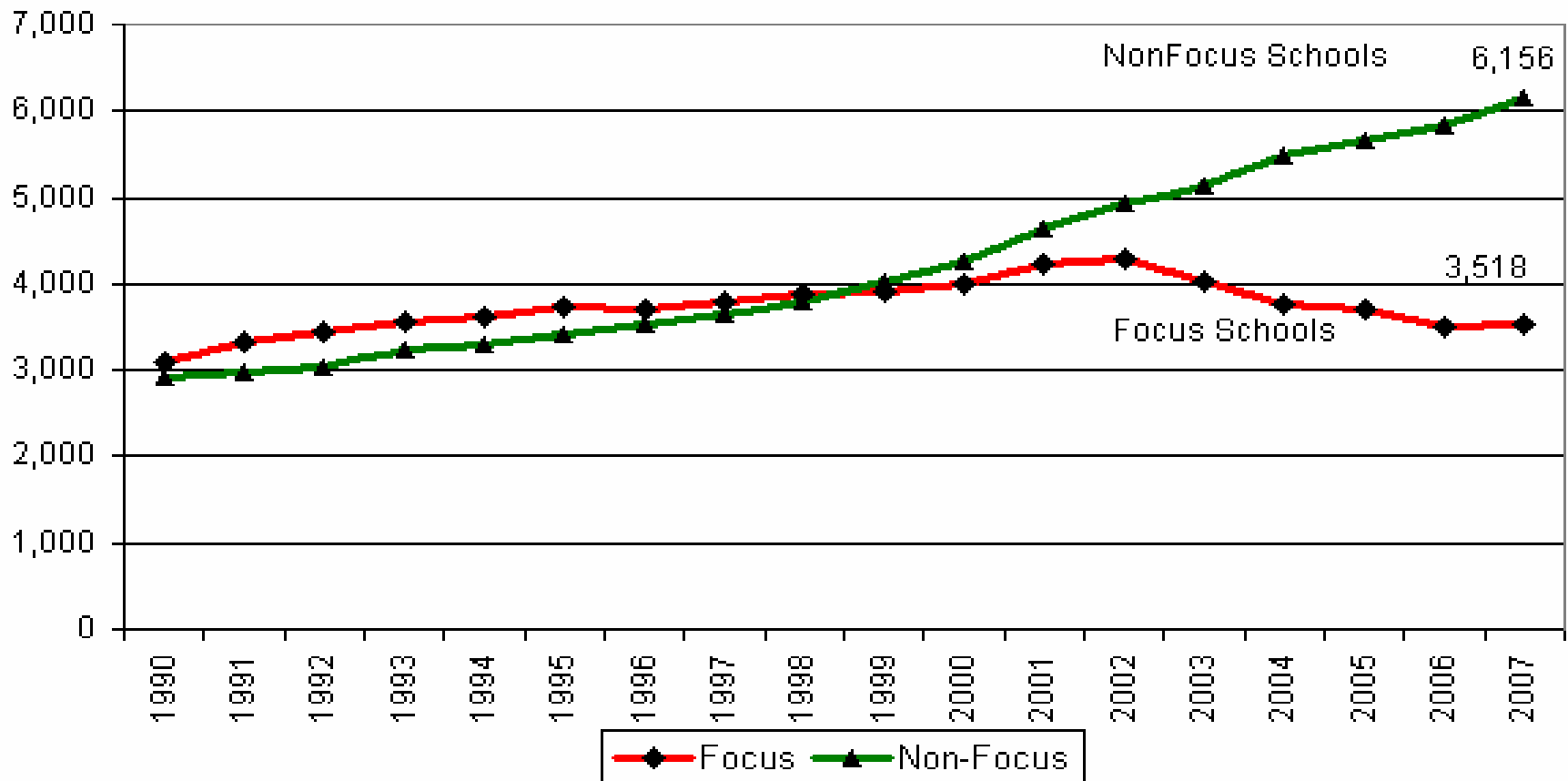
# Focus and Nonfocus Schools

**African-American Enrollment in Focus and Non-Focus Elementary Schools: 1990 to 2007**



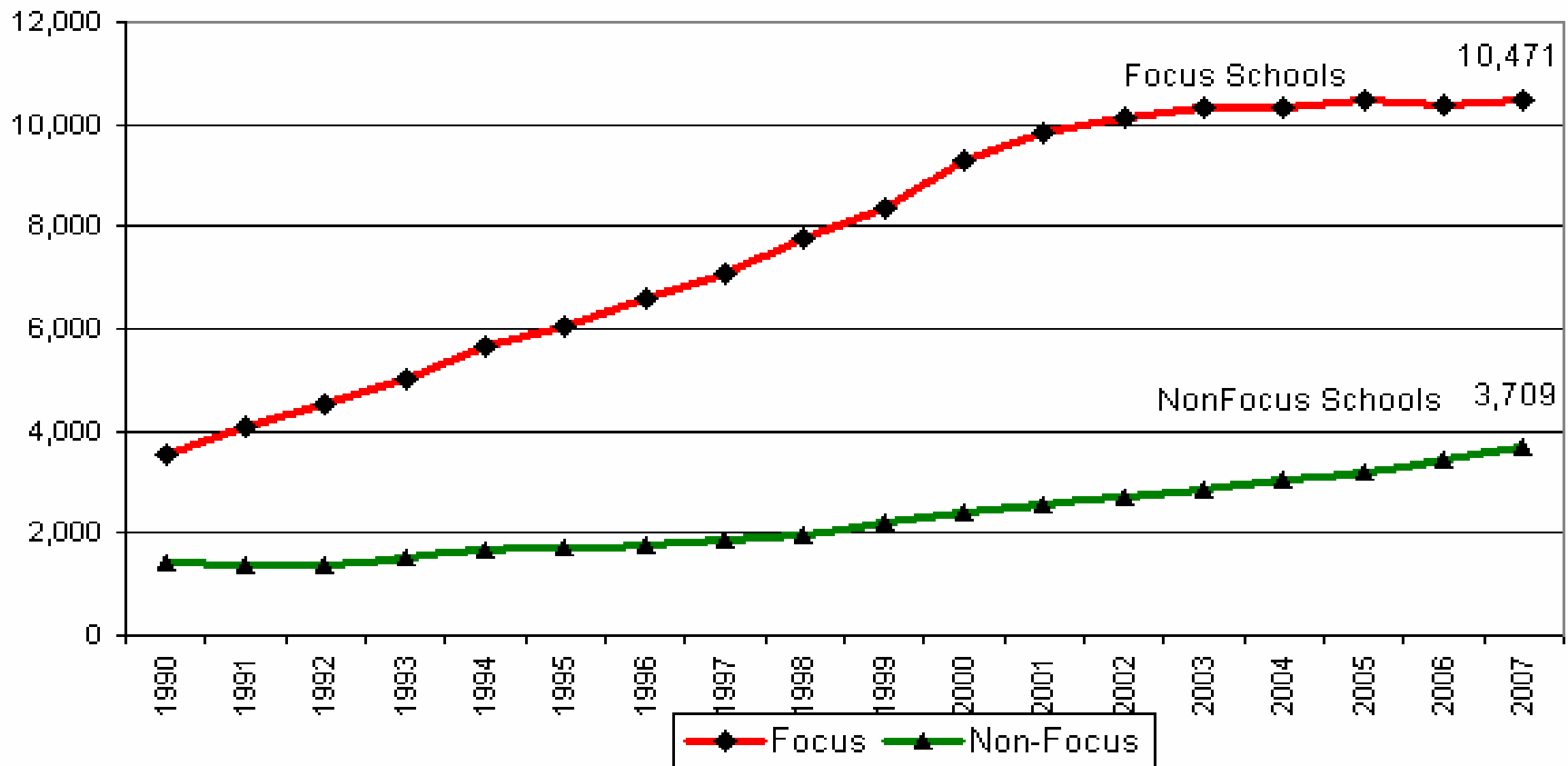
# Focus and Nonfocus Schools

**Asian-American Enrollment in Focus and Non-Focus Elementary Schools: 1990 to 2007**



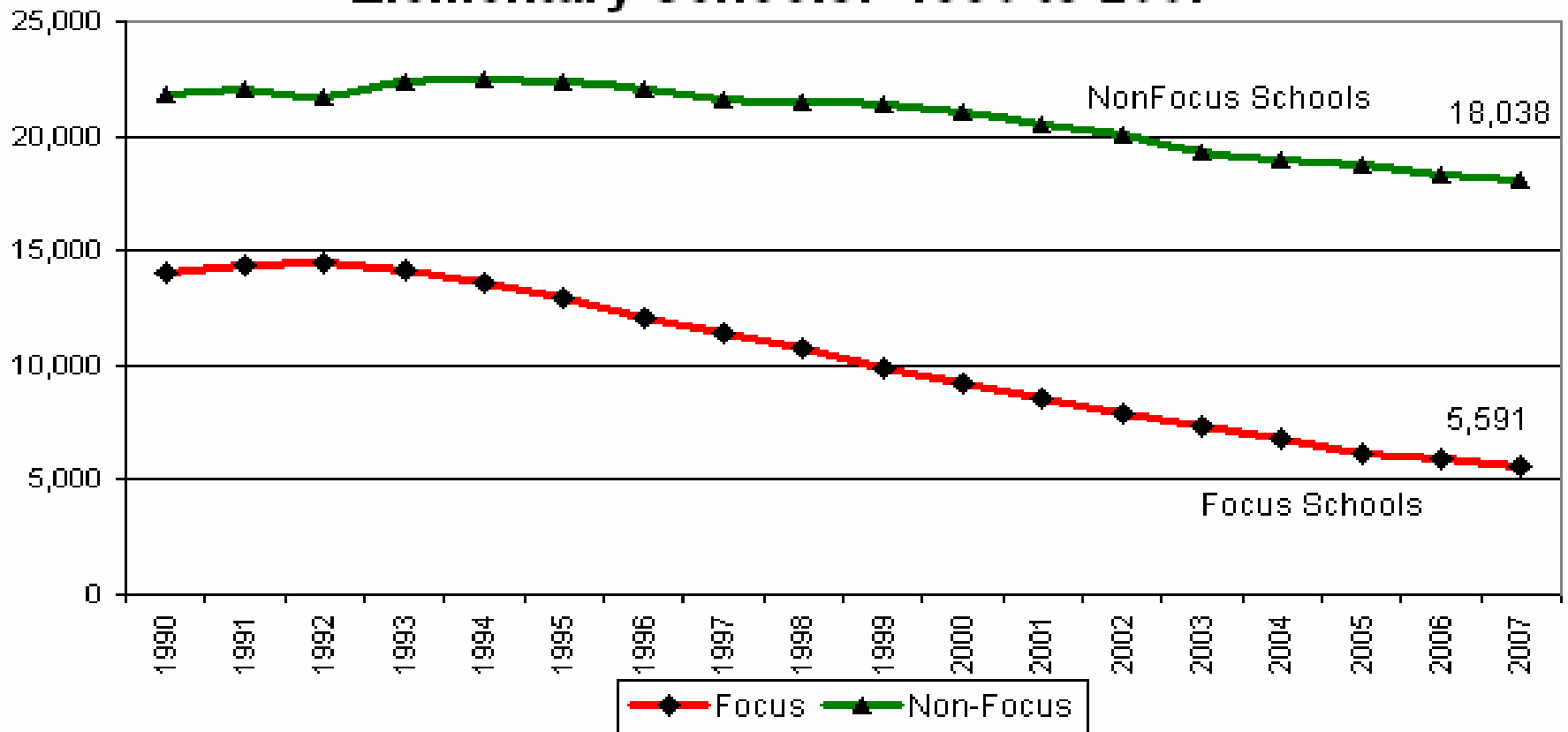
# Focus and Nonfocus Schools

## Hispanic Enrollment in Focus and Non-Focus Elementary Schools: 1990 to 2007



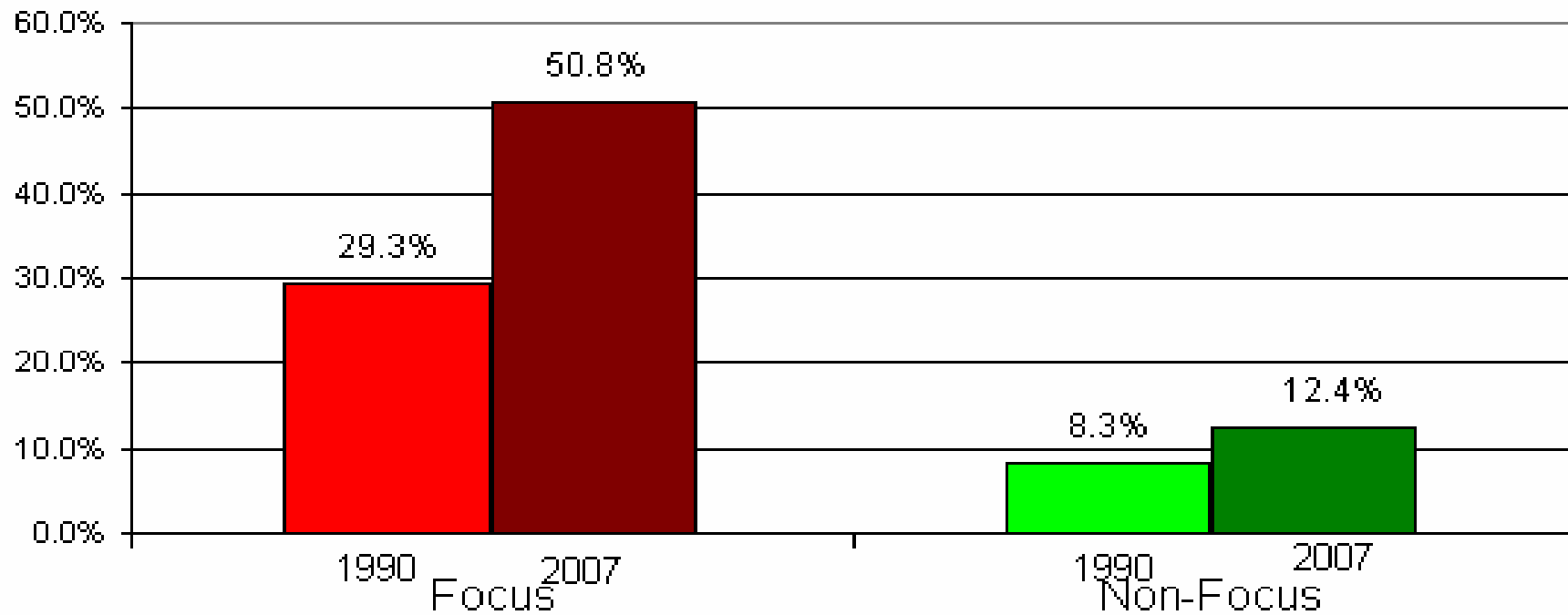
# Focus and Nonfocus Schools

## White Enrollment in Focus and Non-Focus Elementary Schools: 1990 to 2007



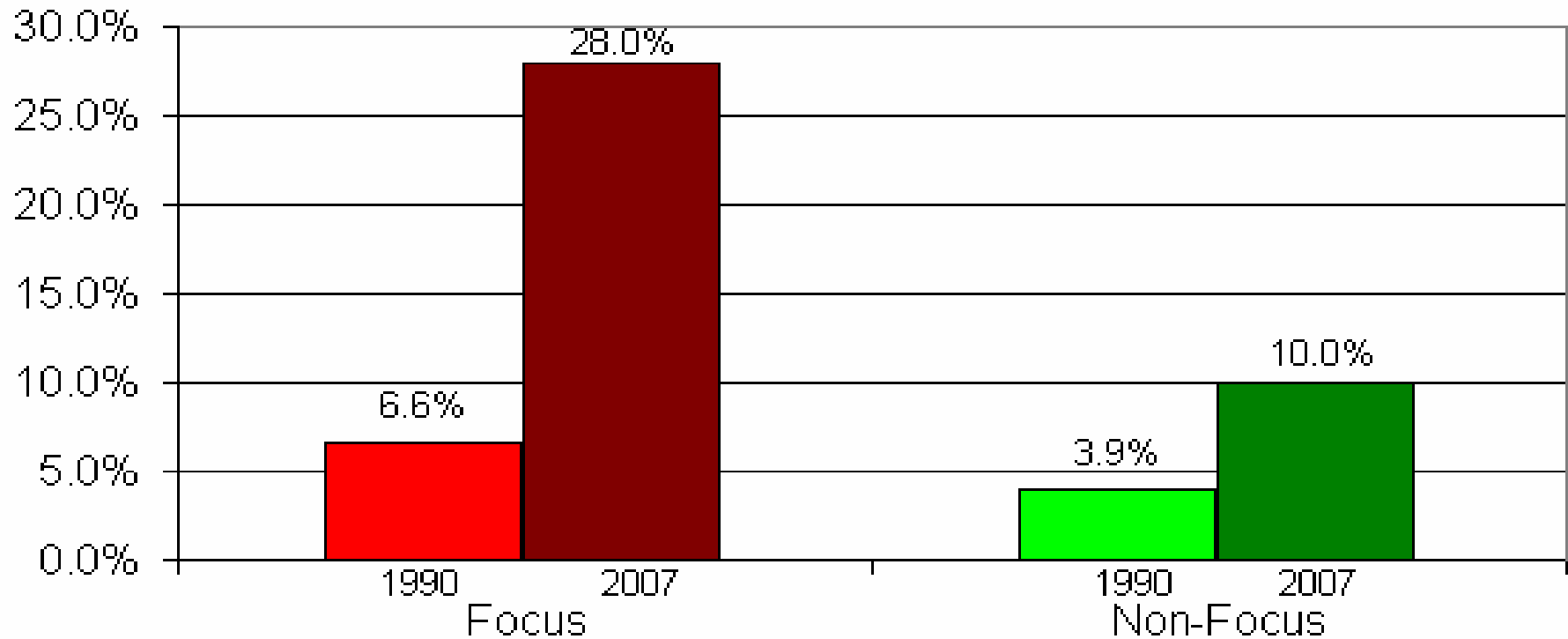
# Focus and Nonfocus Schools

**Percent of Focus and Non-Focus Schools Enrollment  
in FARMs Program, 1990 and 2007**



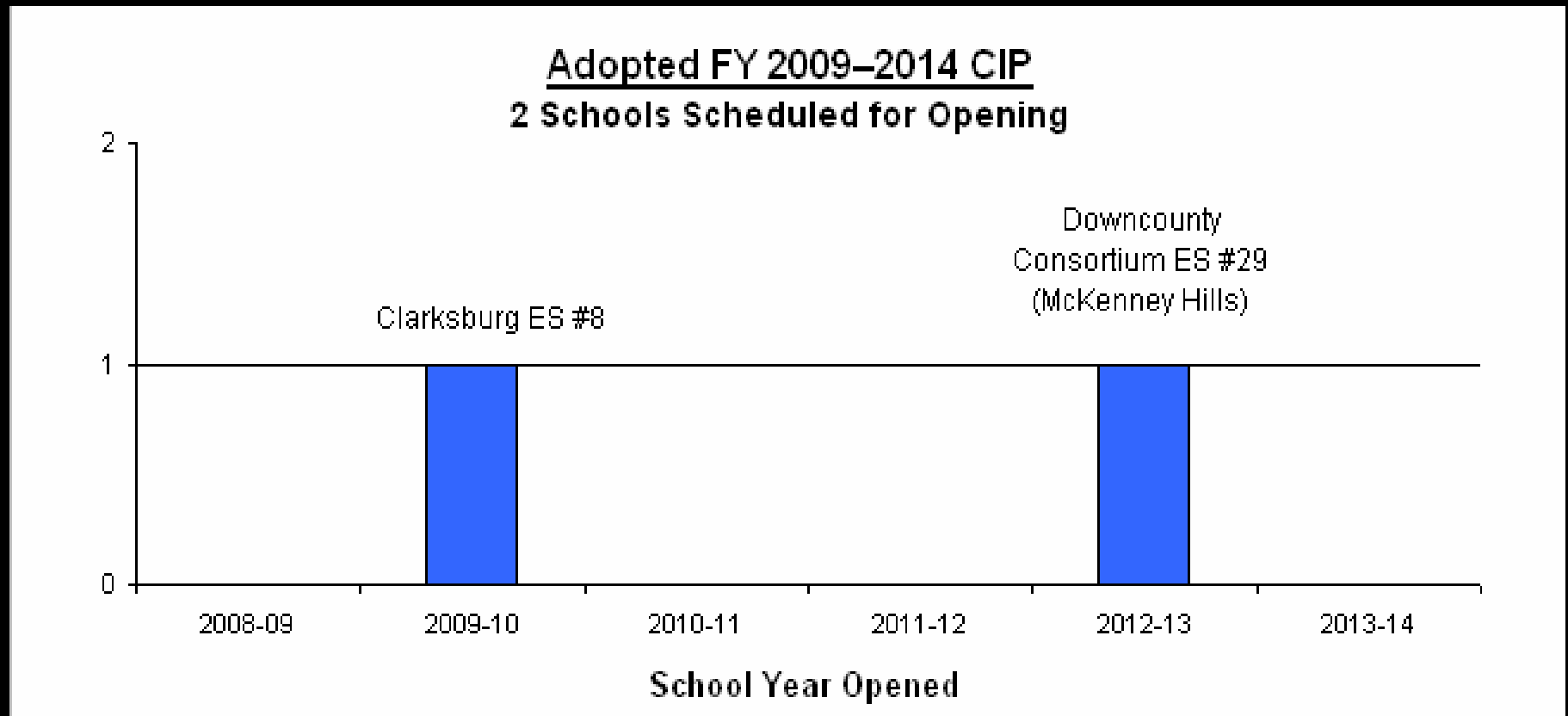
# Focus and Nonfocus Schools

**Percent of Focus and Non-Focus Schools Enrollment  
in ESOL Program, 1990 and 2007**



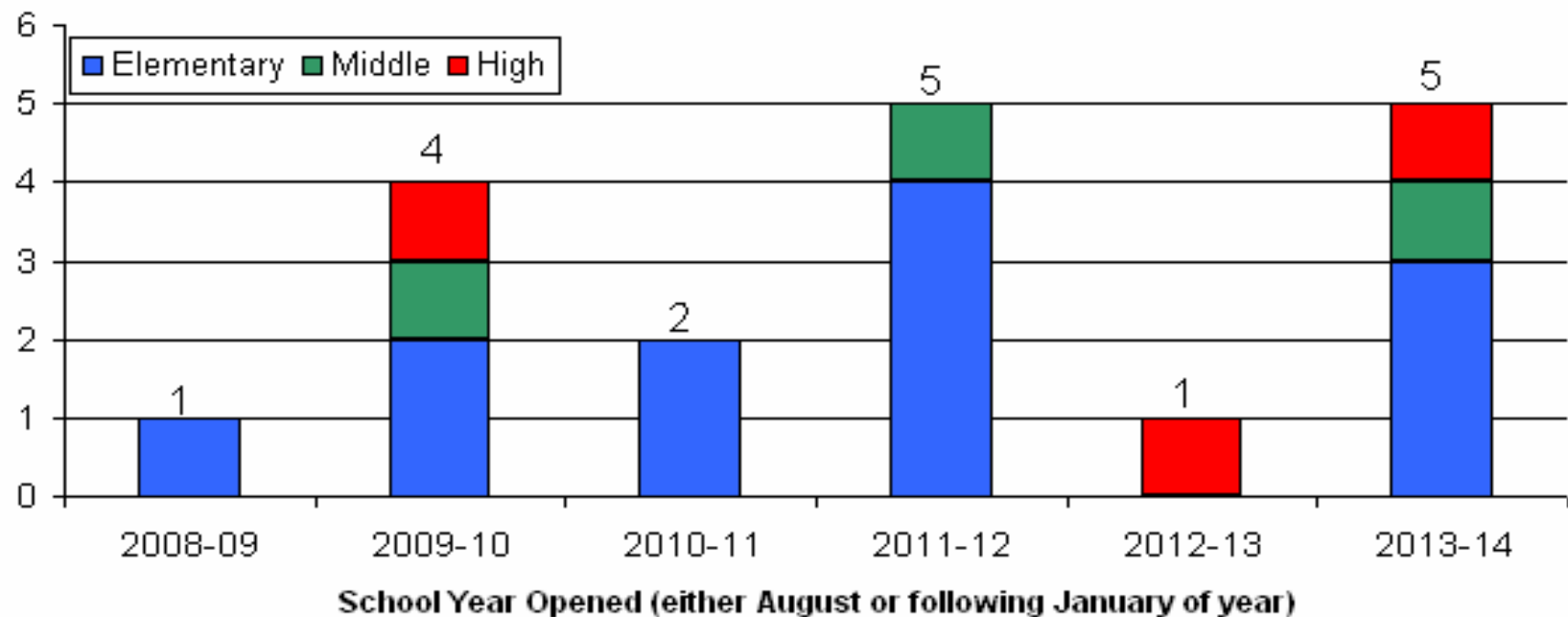
# CIP Issues

# CIP Issues: Adopted FY 2009–14 CIP

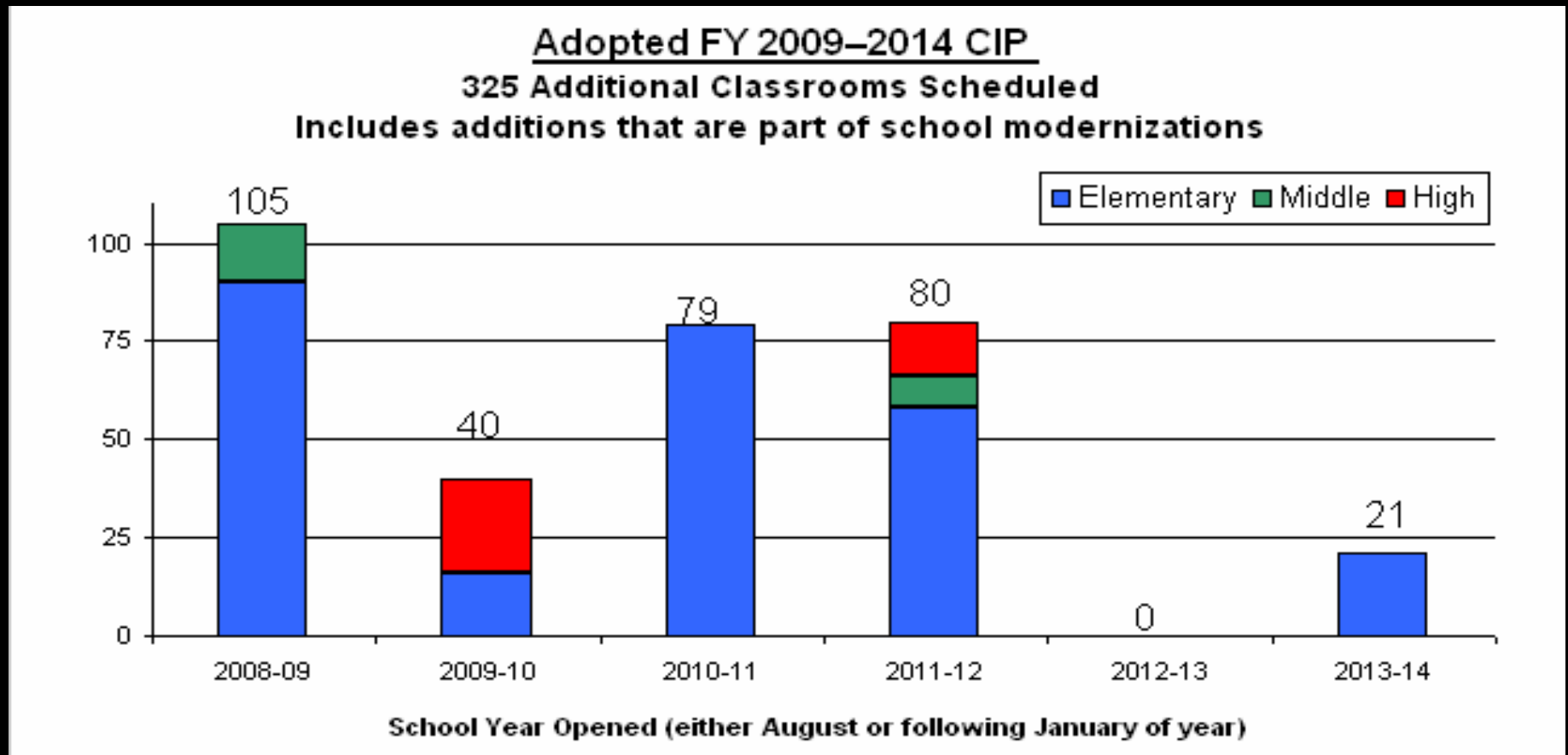


# CIP Issues: Adopted FY 2009–14 CIP

**Adopted FY 2009–2014 CIP**  
18 Schools Scheduled for Modernization

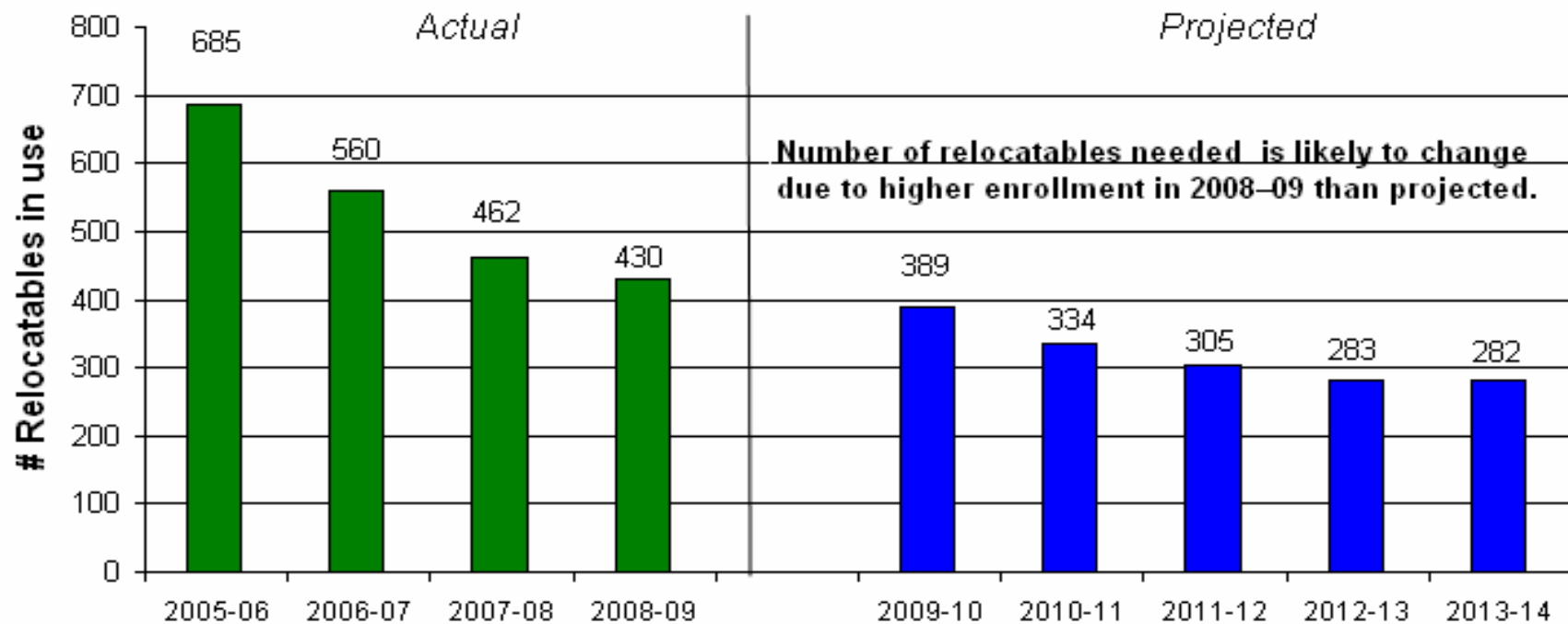


# CIP Issues: Adopted FY 2009–14 CIP



# CIP Issues: Relocatable Reductions

**Actual and Projected Number of Relocatables at Schools**  
Reflects Adopted FY 2009–2014 CIP



# CIP Issues: Amendments

## Amendment Criteria for CIP:

- Urgent school capacity need
- Urgent public safety concern
- Leveraging of state aid involved
- Inflationary increase above 2.5% in projects that address school capacity
- Inflationary increases above 2.5% in modernizations and other projects

# CIP Issues

## State CIP Funding

# State CIP

**MCPS State CIP Funding History**  
**FY1995-2009**  
 (000's)

<b>Fiscal Year</b>	<b>MCPS Approved Capital Budget</b>	<b>MCPS State Aid Request</b>	<b>Statewide Allocation</b>	<b>MCPS State Aid Approved</b>	<b>Percentage of State Aid Received</b>
1995	\$98.9	\$88.2	\$106.0	\$22.7	21.4%
1996	\$90.1	\$84.9	\$118.0	\$19.8	16.8%
1997	\$108.4	\$70.1	\$140.2	\$36.0	25.7%
1998	\$120.1	\$72.7	\$150.3	\$37.9	25.2%
1999	\$114.1	\$68.8	\$225.0	\$50.0	22.2%
2000	\$113.0	\$57.5	\$257.5	\$50.1	19.5%
2001	\$140.0	\$59.0	\$300.7	\$51.2	17.0%
2002	\$135.5	\$55.7	\$295.0	\$45.0	15.3%
2003	\$112.3	\$22.1	\$156.5	\$18.0	11.5%
2004	\$108.6	\$18.5	\$116.5	\$10.5	9.0%
2005	\$165.5	\$59.7	\$125.9	\$9.0	7.1%
2006	\$184.7	\$126.2	\$250.0	\$30.4	12.2%
2007	\$257.1	\$125.2	\$322.7	\$40.0	12.4%
2008	\$239.2	\$133.9	\$401.8	\$52.3	13.0%
2009	\$236.5	\$132.7	\$340.0	\$46.3	13.6%

# State CIP

Share of State and County Funds  
For MCPS Construction Budget FY 2000-2009  
(000's)

Fiscal Year	State Funds	County Funds	Total Funds	% State	% County
2000	\$50.1	\$62.9	\$113.0	44.3%	55.7%
2001	\$51.2	\$88.8	\$140.0	36.6%	63.4%
2002	\$45.0	\$90.5	\$135.5	33.2%	66.8%
2003	\$18.0	\$94.3	\$112.3	16.0%	84.0%
2004	\$10.5	\$98.1	\$108.6	9.7%	90.3%
2005	\$9.0	\$155.4	\$164.4	5.5%	94.5%
2006	\$30.4	\$154.3	\$184.7	16.5%	83.5%
2007	\$40.0	\$217.1	\$257.1	15.6%	84.4%
2008	\$52.3	\$186.9	\$239.2	21.9%	78.1%
2009	\$46.3	\$190.2	\$236.5	19.6%	80.4%

# State CIP

## FY 2010 State Capital Improvements Program for Montgomery County Public Schools

( figures in thousands)

Local Priority No.	PFA Y/N	Project	Total Estimated Cost	Non PSCP Funds	Prior IAC Funding Thru FY 09	FY 2010 Request For Funding
<b>Balance of Funding</b>						
1	Y	Walter Johnson HS - Modernization	72,168	44,866	13,707	13,595
2	Y	Galway ES - Modernization	19,720	13,329	1,131	5,260
		<b>Subtotal</b>	<b>91,888</b>	<b>58,195</b>	<b>14,838</b>	<b>18,855</b>
<b>Planning and Construction Request (Forward-Funded)</b>						
3/4	Y	Stedwick ES - Addition (CSR)	9,825	6,774		3,051
5/6	Y	Travilah ES - Addition	6,117	5,069		1,048
7/8	Y	Westland MS - Addition	4,023	3,259		764
9/10	Y	Silver Spring International MS/Sligo Creek ES-Addition/Renov	2,000	1,448		552
		<b>Subtotal</b>	<b>21,965</b>	<b>16,550</b>	<b>0</b>	<b>5,415</b>
<b>Systemic Projects</b>						
11	Y	Watkins Mill HS -- Roof	1,450	740		710
12	N	Sherwood HS -- Roof	1,150	587		563
13	Y	Bannockburn ES -- Roof	1,140	582		558
14	Y	Strathmore ES -- HVAC	1,060	540		520
15	Y	Robert Frost MS -- HVAC	1,027	524		503
16	Y	Stone Mill ES -- Roof	820	419		401
17	Y	Fox Chapel ES -- HVAC	795	406		389
18	Y	Burning Tree ES -- Roof	546	279		267
19	Y	Poolesville ES -- HVAC	474	242		232
20	Y	S. Christa McAuliffe ES -- Roof	400	204		196
21	Y	Ritchie Park ES -- Roof	340	174		166
22	Y	Germantown ES -- HVAC	293	149		144
23	Y	Oakview ES -- HVAC	227	116		111
24	Y	Quince Orchard HS -- Roof	205	105		100
		<b>Subtotal</b>	<b>9,927</b>	<b>5,067</b>	<b>0</b>	<b>4,860</b>
		<b>Total for Page</b>	<b>123,780</b>	<b>79,812</b>	<b>14,838</b>	<b>29,130</b>

# State CIP

## FY 2010 State Capital Improvements Program for Montgomery County Public Schools (continued)

(figures in thousands)

Local Priority No.	PFA Y/N	Project	Total Estimated Cost	Non PSCP Funds	Prior IAC Funding Thru FY 09	FY 2010 Request For Funding
<b>Planning and Construction Request</b>						
25/26	Y	Francis Scott Key MS - Modernization	44,604	29,140		15,464
27/28	Y	Bells Mill ES Modernization	23,631	15,080		8,551
29/30	Y	Cashell ES - Modernization	22,048	15,315		6,733
31/32	Y	Takoma Park ES Addition (CSR)	15,592	10,323		5,269
33/34	Y	Poolesville HS Magnet Improvements	9,118	5,945		3,173
35/36	Y	Cresthaven ES Modernization	26,299	18,982		7,317
37/38	Y	Carderock Springs ES Modernization	23,732	17,632		6,100
39/40	N	Redland MS Upgrades	14,233	10,204		4,029
41/42	Y	East Silver Spring ES Addition (CSR)	12,298	10,580		1,718
43/44	Y	Jackson Road ES Addition (CSR)	10,130	8,799		1,331
45/46	Y	Fairland ES Addition (CSR)	6,390	5,081		1,309
47/48	Y	Brookhaven ES Addition (CSR)	7,171	5,961		1,210
49/50	N	Sherwood ES Addition	7,447	6,859		588
51/52	Y	Rock View ES Addition (CSR)	6,232	5,839		393
53/54	Y	Cabin John MS Modernization*	53,107	34,531		9,288
55/56	Y	Fox Chapel ES Addition (CSR)	12,331	8,887		3,444
57/58	Y	Seven Locks ES Modernization*	20,950	14,419		3,266
59/60	Y	Farmland ES Modernization*	21,482	16,639		2,422
61/62	Y	Whetstone ES Addition (CSR)	8,926	7,248		1,678
63/64	Y	Montgomery Knolls ES Addition (CSR)	8,974	7,971		1,003
65/66	Y	Harmony Hills ES Addition (CSR)	7,506	6,939		567
		<b>Subtotal</b>	<b>362,201</b>	<b>262,374</b>	<b>0</b>	<b>84,853</b>
<b>Planning Approval Request</b>						
67	Y	Paint Branch HS Modernization*	LP			LP
68	Y	Cannon Road ES Modernization*	LP			LP
69	Y	Garrett Park ES Modernization*	LP			LP
		<b>Total</b>	<b>485,981</b>	<b>342,186</b>	<b>14,838</b>	<b>113,983</b>

\*Split-FY Funding Request.

\*\* PFA - Priority Funding Area

# CIP Issues

## CIP Funding Sources

## Sources of Revenue

- Bonds – Determined by Spending Affordability Guidelines (SAG)
- School Impact Tax – Tax collected at time of building permit for each new dwelling unit constructed. Can only be used for school capacity projects.
- School Facilities Payments – Paid in clusters over 105% utilization. Must be used within the cluster.
- State Aid – Determined by state formula based on projects in approved CIP.
- Current Revenue – The same funding source as the operating budget. May only be used for certain types of projects (e.g., technology, relocatables, and facility planning studies.)
- Recordation Tax – A portion of the tax collected when a residential property is transferred to a new owner. This is a current revenue source that also can only be used for certain projects.

# CIP Schedule

## October 15, 2008

- Superintendent's boundary recommendations for Clarksburg ES #8 and Bells Mill, Potomac, and Seven Locks elementary schools released.

## October 29, 2008

- Superintendent's recommended Amended FY 2009–2014 CIP released.

## November 6, 2008

- Board of Education worksession on CIP and boundary recommendations.

## November 12 & 13, 2008

- Board of Education public hearings on CIP and boundary recommendations.

## November 20, 2008

- Board of Education action on CIP and boundary recommendations.

# Discussion