

*Alexandria City Population and School  
Enrollment Growth: 2010 to 2030*



Alexandria City Public Schools  
Department of Financial Services  
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# *Forecasting and Demographic Data: Caveats*

- A forecast is only as good as the data
- Accurate forecasts depend on continuation of past trends
- Prediction of turning points or significant variations from the trend is difficult
- Demographic data is based primarily on Census data, which is updated every ten years
- Census-based trend analyses have higher error rates as the end of the decade approaches

# Alexandria City Population

Total City population is expected to increase by about 30,000 residents from 2010 to 2030

## Growth by Decade

Year	Total	Change	Percent Change
1980	103,217		
1990	111,183	7,966	7.7%
2000	128,283	17,100	15.4%
2010	142,588	14,305	11.2%
2020	156,188	13,600	9.5%
2030	171,086	14,898	9.5%

Source: Statistical Profile, Alexandria: 2007 Update

# Population Growth Varies by Area

- Highest growth projected to occur in East Alexandria and Landmark
- Lowest growth projected to occur in N. Ridge/Rosemont and Seminary West

*Annual Percent Change in Population over Prior Decade*

Year	East Alexandria	Potomac West	N.Ridge/Rosemont	Seminary East	Landmark	Seminary West	Total
1990	0.2%	0.3%	-0.5%	1.7%	1.9%	1.1%	0.7%
2000	1.6%	0.5%	0.6%	1.2%	2.6%	2.0%	1.4%
2010	2.6%	0.6%	0.1%	0.2%	1.6%	1.0%	1.1%
2020	2.3%	0.6%	0.1%	0.0%	1.8%	0.0%	0.9%
2030	2.0%	0.5%	0.0%	0.3%	1.7%	0.0%	0.9%

# *Factors Influencing Enrollment Trends*

- Total and school-age population
- Household wealth (public or private schools; number of children)
- New developments and type of development
- Housing prices in Alexandria and outlying areas (in-migration and out-migration rates)
- Birth rates of Alexandria residents

# *If the School Age Population and ACPS Enrollment Increase Proportionately...*

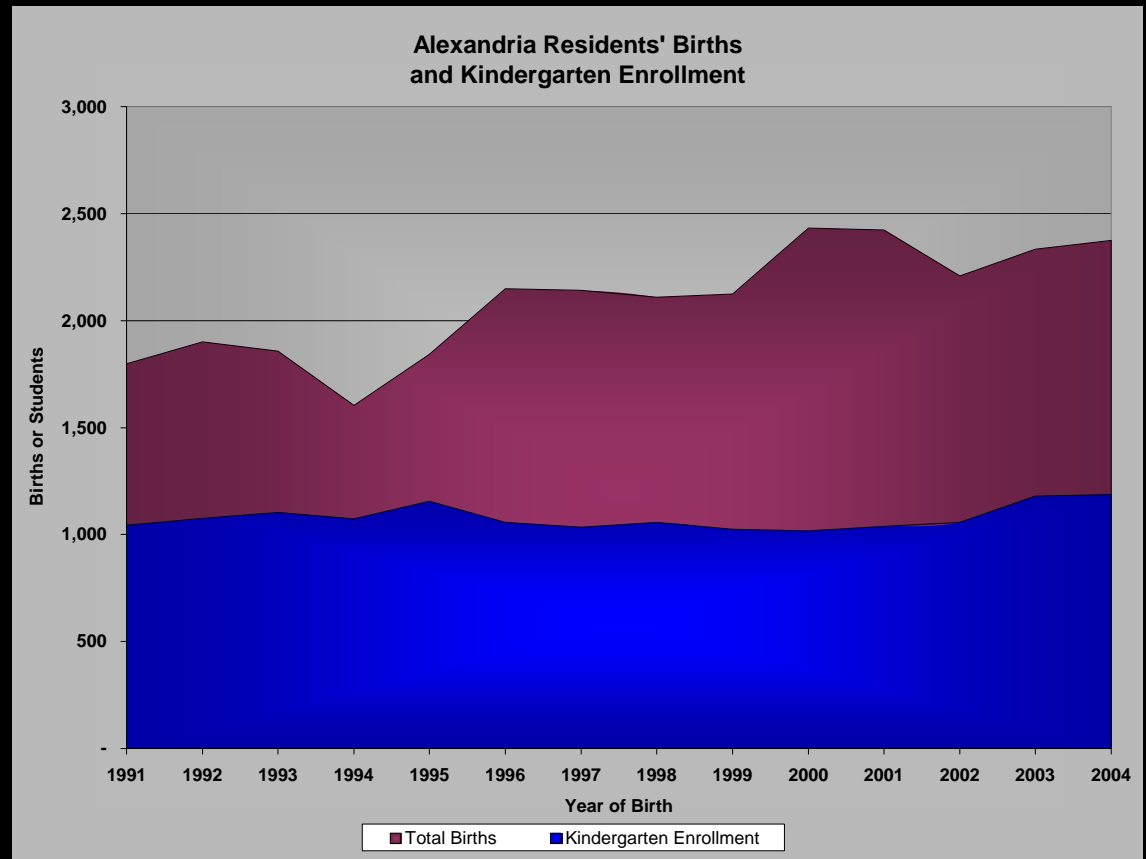
- Total school-age population will increase by 4,100
- ACPS enrollment would increase by about 3,000 students

Year	Total 5 to 19 Population	Change	ACPS Enrollment*	Change
1980	15,999		11,445	
1990	12,897	(3,102)	9,488	(1,957)
2000	15,393	2,496	11,167	1,679
2010	17,111	1,718	12,400	1,233
2020	19,368	2,257	14,000	1,600
2030	21,215	1,847	15,400	1,400

\*Does not correspond to current five-year projections. Calculated assuming a constant ratio between the age cohort and student enrollment.

# *Births of Alexandria Residents and Kindergarten Enrollment*

Changes in births have not historically been a strong predictor of changes in kindergarten enrollment



# ACPS Student Enrollment Trends and Projections

- Current ACPS enrollment is lower than City projection data would indicate
- Student enrollment growth over the next six years is projected to be about 1,800 students, somewhat higher than City population growth trends

Grade Level	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY 2007	FY 2008	FY 2009	FY 2010 Prop	FY 2011 Proj	FY 2012 Proj	FY 2013 Proj	FY 2014 Proj	FY 2015 Proj
PK to 5	5,996	6,173	6,067	5,873	5,729	5,666	5,452	5,411	5,576	5,980	6,219	6,487	6,730	6,898	7,025	7,112
6 to 8	2,173	2,260	2,286	2,327	2,330	2,332	2,207	2,133	2,075	2,181	2,266	2,272	2,267	2,327	2,486	2,662
9 to 12	2,787	2,844	2,840	2,894	2,823	2,815	2,790	2,697	2,794	2,949	2,978	2,952	2,975	2,977	3,015	3,130
Special Placements	247	68	81	145	113	108	72	91	112	115	115	110	105	102	99	99
<b>Total</b>	<b>11,203</b>	<b>11,345</b>	<b>11,274</b>	<b>11,239</b>	<b>10,995</b>	<b>10,921</b>	<b>10,521</b>	<b>10,332</b>	<b>10,557</b>	<b>11,225</b>	<b>11,578</b>	<b>11,821</b>	<b>12,077</b>	<b>12,304</b>	<b>12,625</b>	<b>13,003</b>
Annual Change		1.3%	-0.6%	-0.3%	-2.2%	-0.7%	-3.7%	-1.8%	2.2%	6.3%	3.1%	2.1%	2.2%	1.9%	2.6%	3.0%

# 15 Years of Enrollment Growth

- Elementary schools have the largest and most immediate needs for additional capacity
- Middle schools will start to see higher growth by 2013
- TCW will not feel the impact until 2015

*Change in Enrollment over 5 Year Periods (Actual and Projected)*

Grade Level	2000 to 2005	2005 to 2010	2010 to 2015
PK to 5	(330)	553	893
6 to 8	159	(66)	396
9 to 12	28	163	152
<b>Total</b>	<b>(143)</b>	<b>650</b>	<b>1,441</b>

# Summary

- City population and school enrollment are expected to continue to increase at moderate rates
- Given current programs, class sizes, and trend information, over the next six years ACPS will need significantly more classrooms to meet anticipated growth
- Student growth will be concentrated in the east and west
- Planning to meet these capacity needs has begun and must continue intensively.
- City and school collaboration is essential to meeting medium and long-term needs