

Public Schools

December 5, 2018

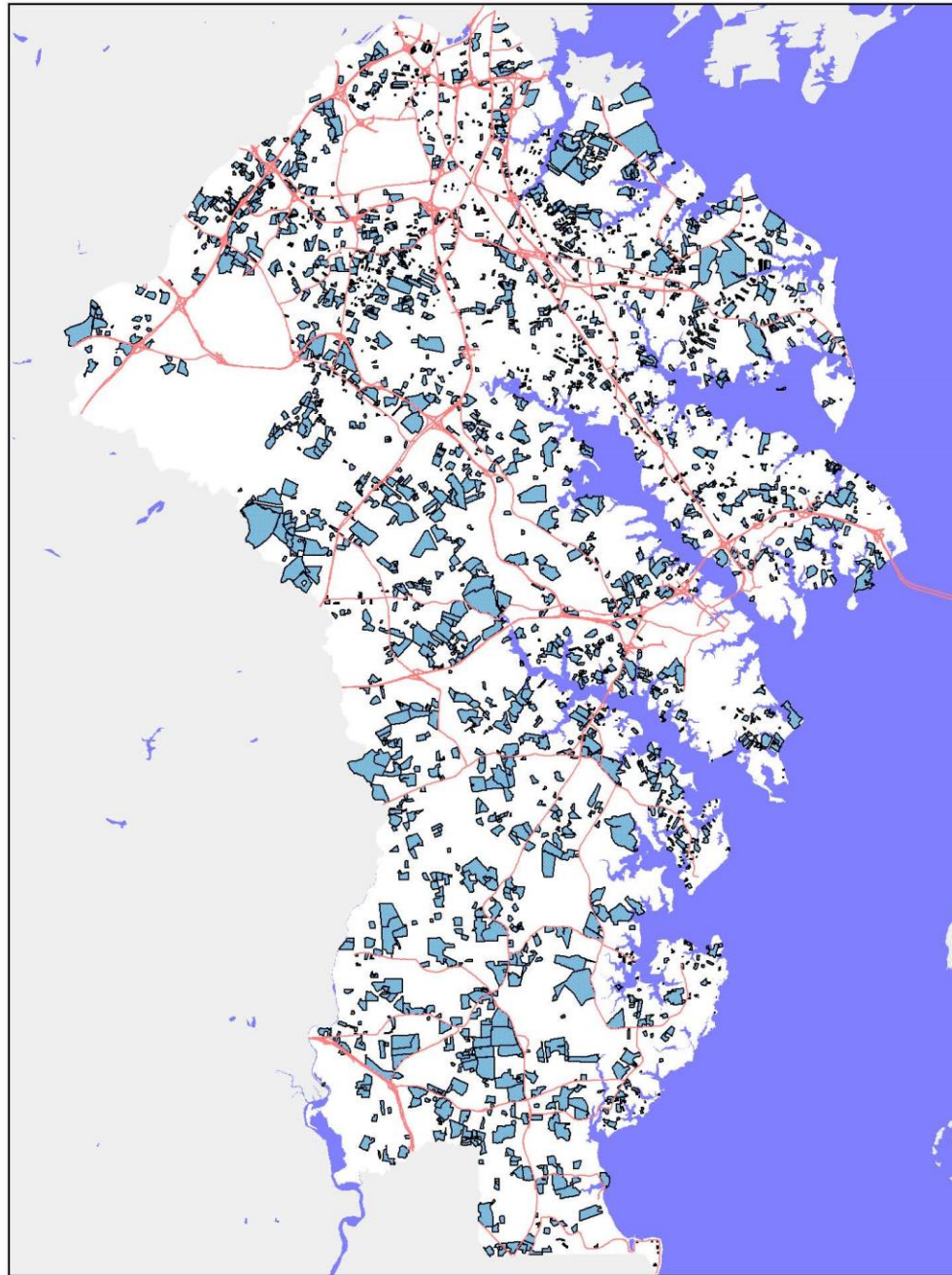
Legend

- High School
- Middle School
- Elementary School
- Other Facilities

0 1 2 4 Miles

- High School
- Middle School
- Elementary School
- Other Facilities

Subdivision Activity



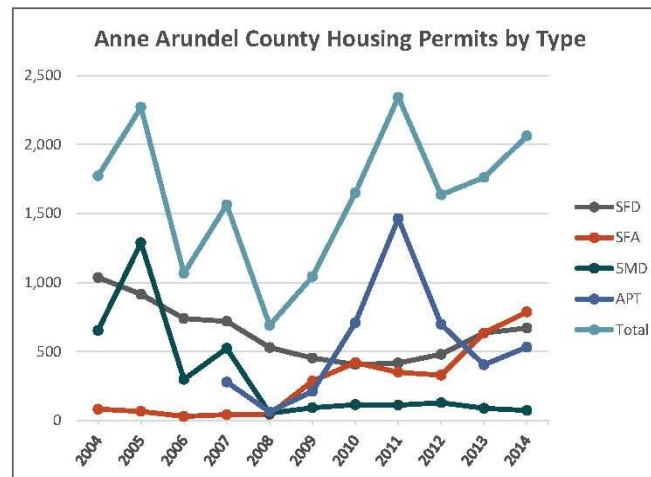
The trends observed in the historical enrollment data will form a key component of the enrollment projections prepared as a part of this master plan.

HOUSING UNITS

Another factor used to develop enrollment projections is an analysis of the trends in housing units in the county. The U.S. Census Bureau recorded 192,435 housing units in Anne Arundel County in the 2000 Census and 212,562 housing units in 2010. The census data provides a starting point for this analysis, but building permits provide additional information upon which to base an assumed number of housing units following the 2000 and 2010 Census.

Since 2004, the number of housing permits issued each year in Anne Arundel County has fluctuated greatly. **Exhibit 7-13** illustrates the number of housing permits issued each year since 2004 in Anne Arundel County, which includes both single- and multi-family building permits. Given this erratic history, housing unit projections were made based on knowledge of current projects and future potential development based on available building sites.

EXHIBIT 7-13
ANNE ARUNDEL COUNTY, MD
HISTORICAL RESIDENTIAL BUILDING PERMITS



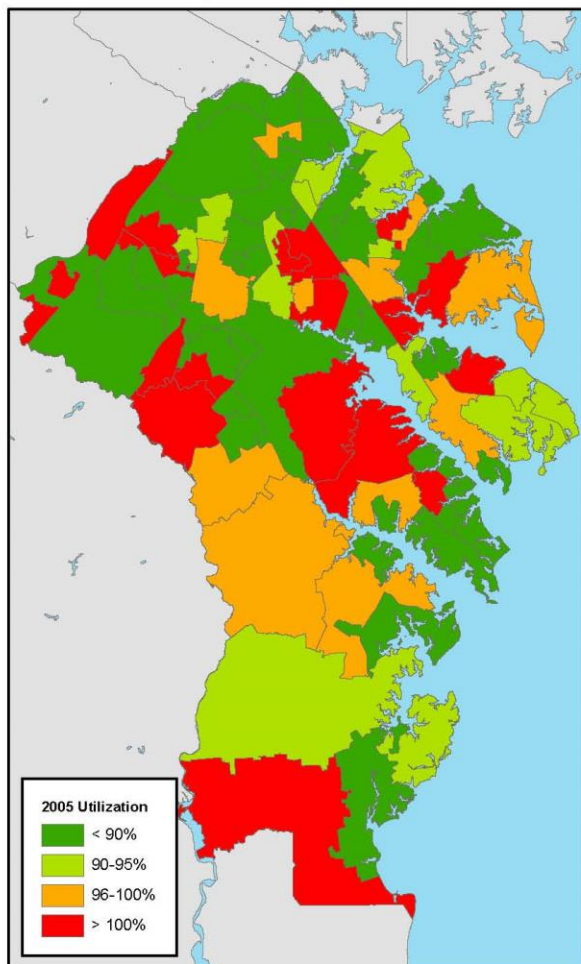
SOURCE: ANNE ARUNDEL COUNTY, 2015.

KEY	
SFD	Single Family Detached
SFA	Single Family Attached
SMD	Multi-Family Dwelling
APT	Apartment

ACTUAL SEPTEMBER 2008-2017 ENROLLMENT AND PROJECTED 2018-2027

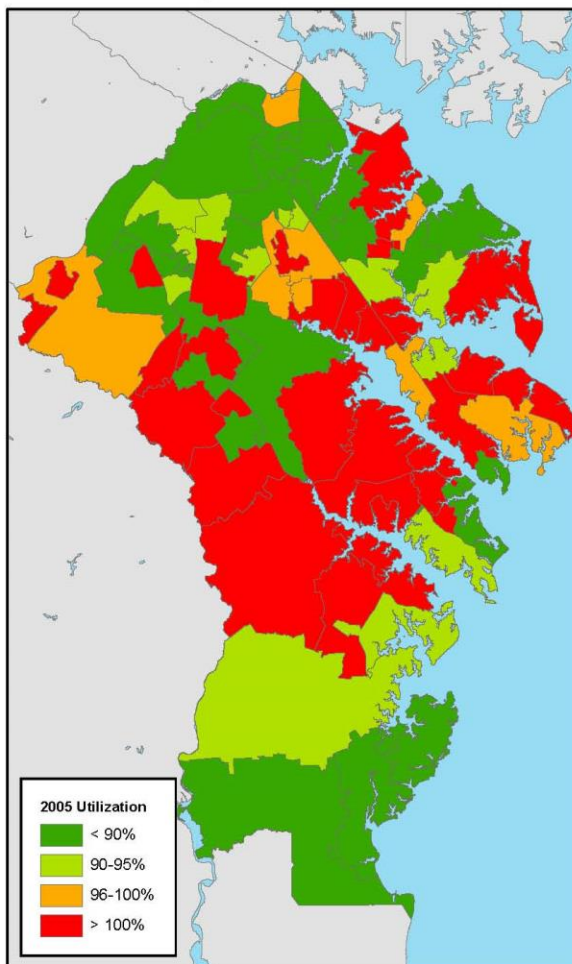
	ACTUAL ENROLLMENT										PROJECTED ENROLLMENT									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Kindergarten	5,406	5,667	5,717	5,909	6,320	6,359	6,288	6,318	6,244	6,230	6,358	6,441	6,606	6,671	6,743	6,840	6,890	6,935	6,977	7,008
Grade 1	5,541	5,679	5,864	5,777	6,074	6,425	6,429	6,351	6,418	6,423	6,417	6,439	6,556	6,708	6,792	6,838	6,907	6,942	6,990	7,026
Grade 2	5,328	5,581	5,763	5,911	5,852	6,040	6,463	6,426	6,428	6,517	6,611	6,505	6,532	6,631	6,756	6,836	6,842	6,912	6,951	6,997
Grade 3	5,486	5,465	5,706	5,837	5,943	5,916	6,085	6,471	6,485	6,476	6,635	6,716	6,599	6,604	6,691	6,788	6,846	6,849	6,916	6,955
Grade 4	5,355	5,531	5,494	5,717	5,892	5,949	5,950	6,111	6,488	6,594	6,639	6,760	6,844	6,704	6,667	6,745	6,810	6,865	6,860	6,921
Grade 5	5,457	5,472	5,670	5,571	5,791	5,907	5,970	5,941	6,151	6,583	6,664	6,731	6,885	6,983	6,800	6,723	6,789	6,850	6,895	6,876
Total Elementary (K-5)	32,573	33,395	34,214	34,722	35,872	36,596	37,185	37,618	38,214	38,823	39,324	39,592	40,022	40,301	40,449	40,770	41,084	41,353	41,589	41,783
Ungraded in ECI	225	212	187	265	265	195	180	203	242	236	254	254	254	254	254	254	254	254	254	254
Ungraded in PreKindergarten	1,291	1,304	1,338	1,474	1,763	1,818	1,777	1,809	1,867	1,919	1,937	1,937	1,938	1,958	1,938	1,938	1,938	1,938	1,938	1,938
Total Elementary (Ungraded)	1,516	1,516	1,525	1,739	2,028	2,013	1,957	2,012	2,109	2,155	2,191	2,191	2,192	2,212	2,192	2,192	2,192	2,192	2,192	2,192
Ungraded in Special Ctr. (ECI & PK)	168	183	145	153	154	154	123	158	161	165	159	159	159	159	159	159	159	159	159	159
Ungraded in Special Ctr. (K-5)	96	99	91	145	155	141	161	159	165	180	180	180	180	180	180	180	180	180	180	180
Total Elementary Special Ctr.	264	282	236	298	309	295	284	317	326	345	339	339	339	339	339	339	339	339	339	339
TOTAL ELEM (PreK-5)	34,353	35,193	35,975	36,759	38,209	38,904	39,426	39,947	40,649	41,323	41,854	42,122	42,553	42,852	42,980	43,301	43,615	43,884	44,120	44,314
Grade 6	5,380	5,537	5,562	5,591	5,559	5,757	5,867	5,941	5,918	6,213	6,638	6,640	6,793	6,950	7,126	6,955	7,000	7,172	7,243	7,290
Grade 7	5,487	5,462	5,604	5,566	5,632	5,588	5,799	5,885	5,953	5,937	6,297	6,697	6,764	6,866	7,048	7,209	7,111	7,167	7,239	7,254
Grade 8	5,605	5,503	5,530	5,531	5,587	5,563	5,551	5,794	5,876	5,939	6,006	6,335	6,766	6,902	6,951	7,197	7,378	7,293	7,256	7,301
TOTAL MIDDLE (6-8)	16,472	16,502	16,696	16,688	16,778	16,908	17,217	17,620	17,747	18,089	18,941	19,672	20,323	20,718	21,125	21,361	21,489	21,632	21,738	21,845
Grade 9	6,275	6,313	6,131	6,012	6,005	5,917	5,972	5,884	6,102	6,215	6,277	6,179	6,517	6,949	7,084	7,125	7,373	7,551	7,465	7,428
Grade 10	5,796	5,996	5,862	5,816	5,737	5,675	5,704	5,727	5,683	5,893	6,060	6,117	6,019	6,357	6,846	6,929	6,960	7,187	7,421	7,300
Grade 11	5,584	5,431	5,582	5,549	5,529	5,510	5,553	5,459	5,556	5,367	5,708	5,772	5,932	5,834	6,172	6,661	6,744	6,785	7,002	7,236
Grade 12	4,642	4,864	4,731	4,924	4,941	4,944	4,948	5,083	5,029	5,240	5,064	5,405	5,473	5,622	5,524	5,862	6,351	6,334	6,445	6,692
TOTAL HIGH (9-12)	22,297	22,604	22,306	22,301	22,212	22,046	22,177	22,153	22,370	22,715	23,109	23,473	23,941	24,762	25,626	26,577	27,428	27,857	28,333	28,656
Evening High School Ungraded	212	201	196	144	166	166	192	201	213	249	249	249	249	249	249	249	249	249	249	249
Total Ungraded	212	201	196	144	166	166	192	201	213	249	249	249	249	249	249	249	249	249	249	249
Ungraded in Special Ctr. Secondary	324	282	308	411	405	476	506	466	418	401	394	394	394	394	394	394	394	394	394	394
Total Secondary Special Ctr.	324	282	308	411	405	476	506	466	418	401	394	394	394	394	394	394	394	394	394	394
Total Secondary (6-12)	38,769	39,106	39,002	38,989	38,990	38,954	39,394	39,773	40,117	40,804	42,050	43,145	44,264	45,480	46,751	47,938	48,917	49,489	50,071	50,501
TOTAL ALL SECONDARY	39,305	39,589	39,506	39,544	39,561	39,596	40,092	40,440	40,748	41,454	42,693	43,788	44,907	46,123	47,394	48,581	49,560	50,132	50,714	51,144
TOTAL (K-12)	71,974	73,083	73,811	74,411	75,588	76,333	77,438	78,217	79,127	80,457	82,197	83,560	85,109	86,604	88,023	89,531	90,824	91,665	92,483	93,107
TOTAL ENROLLMENT	73,658	74,782	75,481	76,303	77,770	78,500	79,518	80,387	81,397	82,777	84,547	85,910	87,460	88,975	90,374	91,882	93,175	94,016	94,834	95,458

Elementary School Utilization 2005



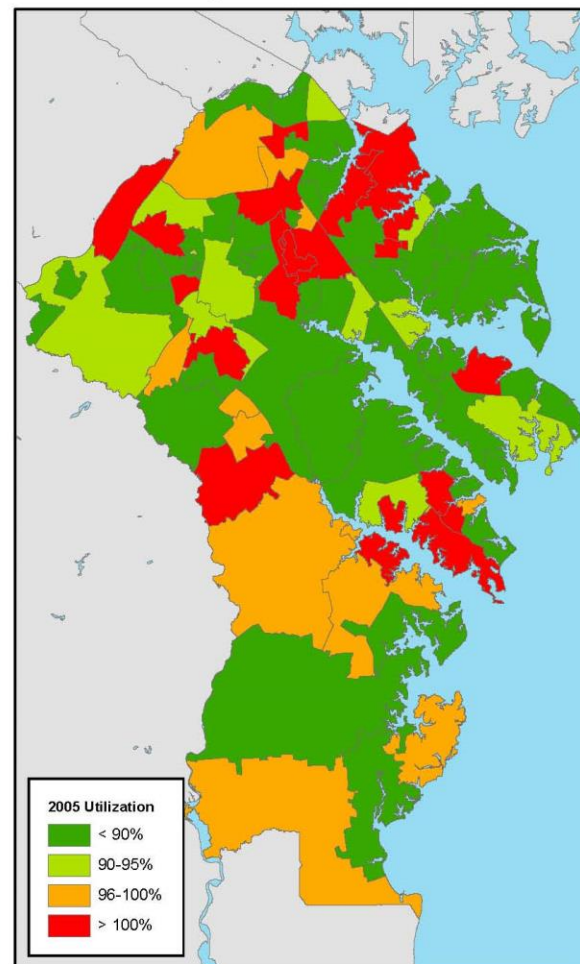
33,504

Elementary School Utilization 2010



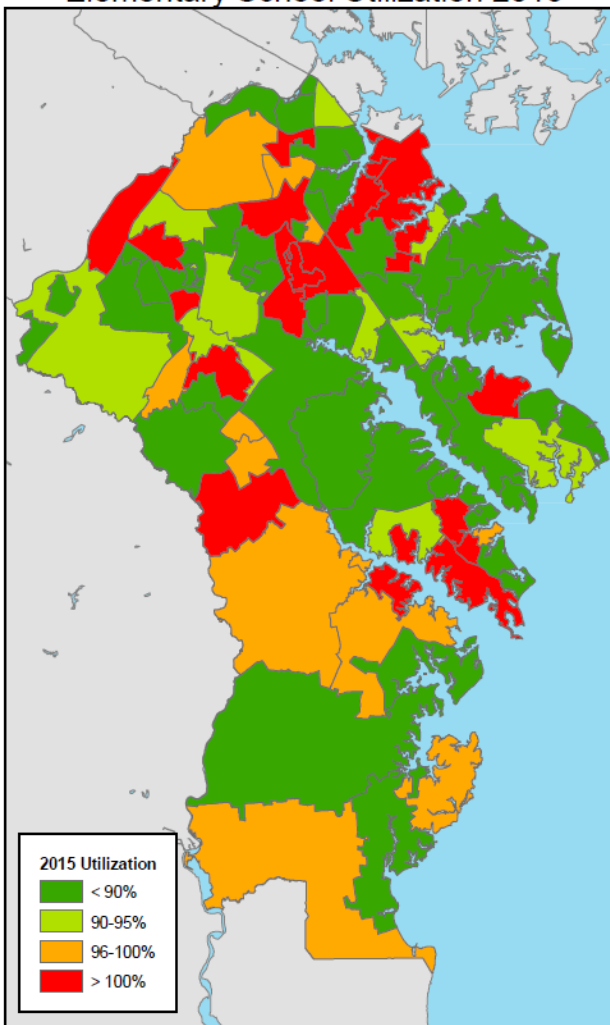
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Elementary School Utilization 2015

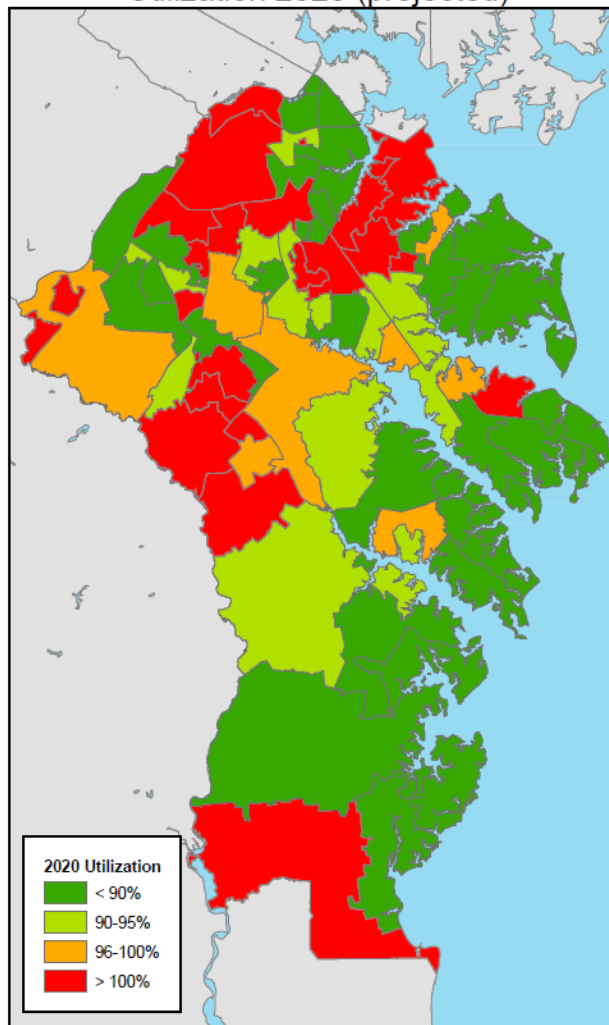


41,494

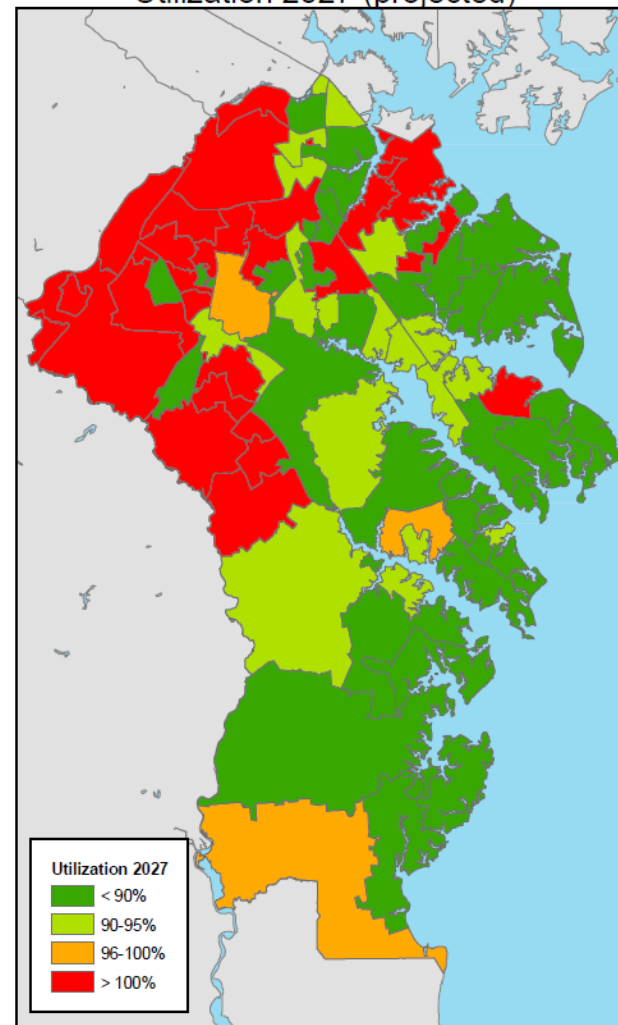
Elementary School Utilization 2015



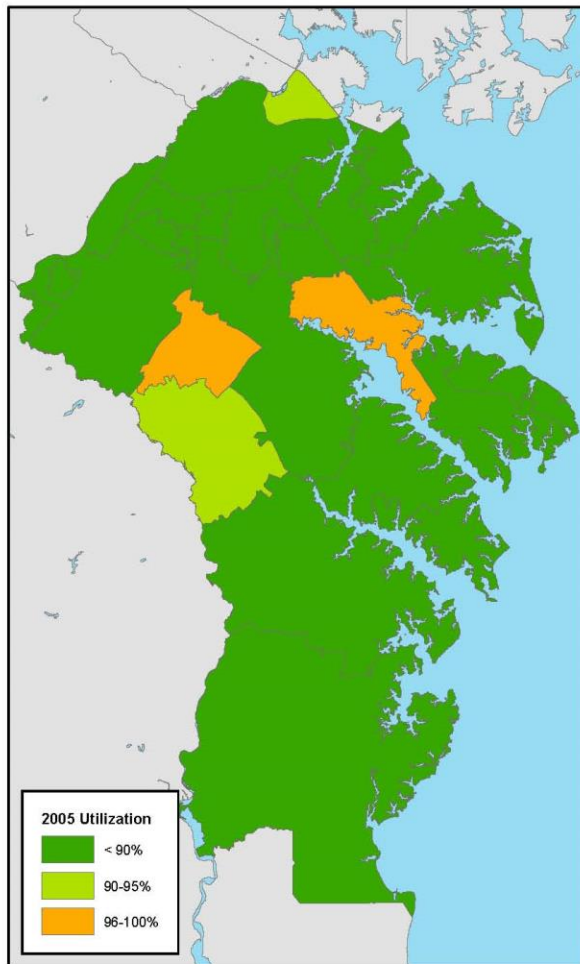
Elementary School
Utilization 2020 (projected)



Elementary School
Utilization 2027 (projected)

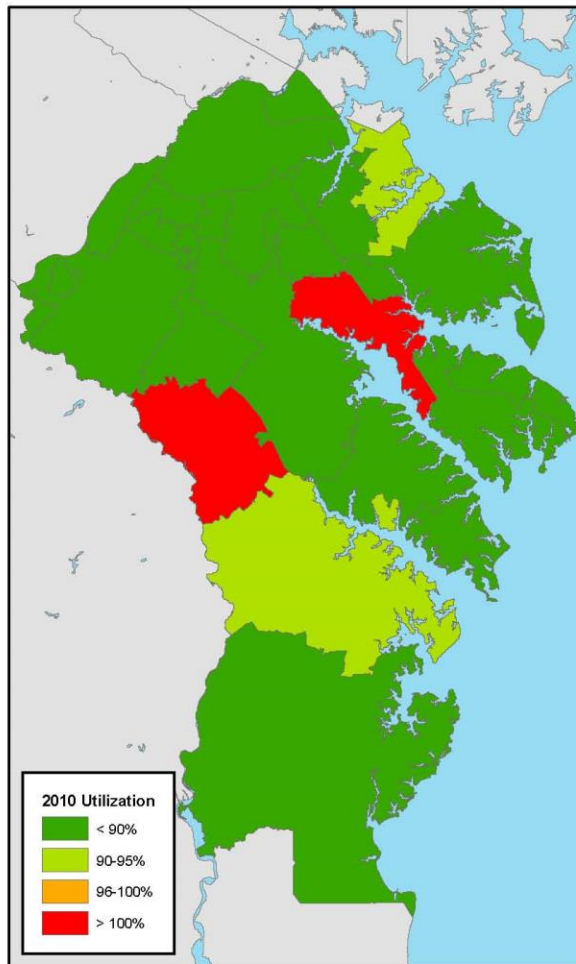


Middle School Utilization 2005



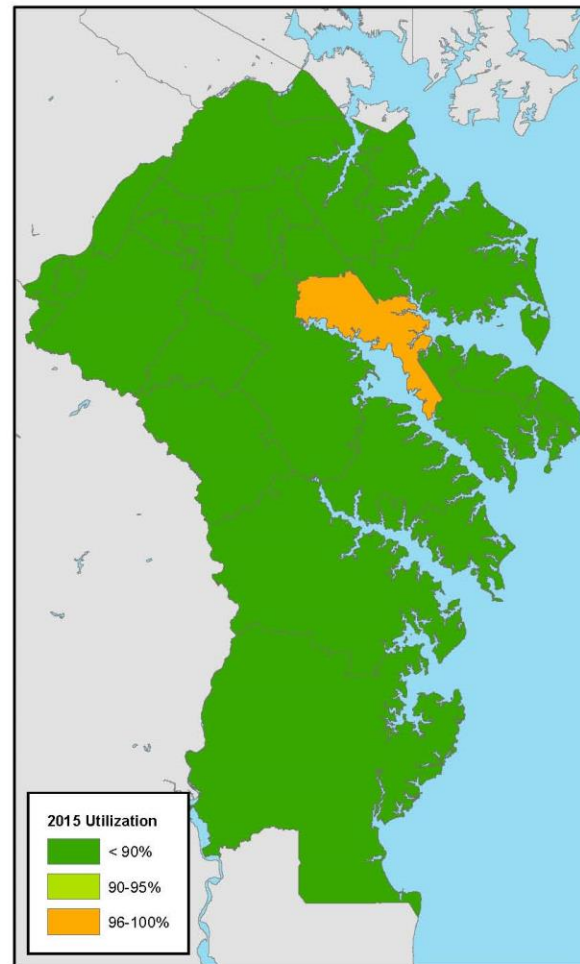
21,869

Middle School Utilization 2010



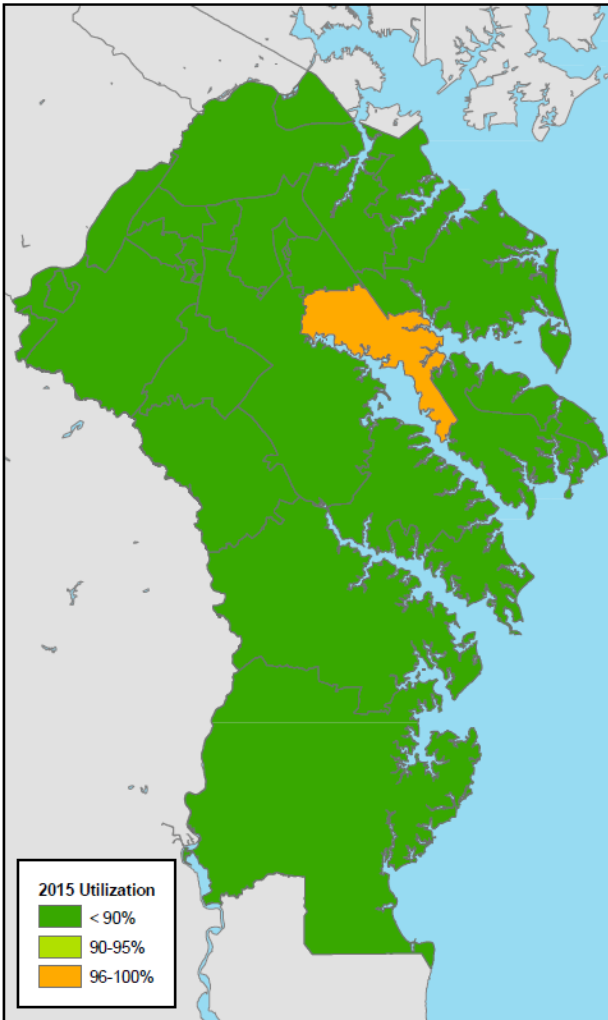
22,056

Middle School Utilization 2015

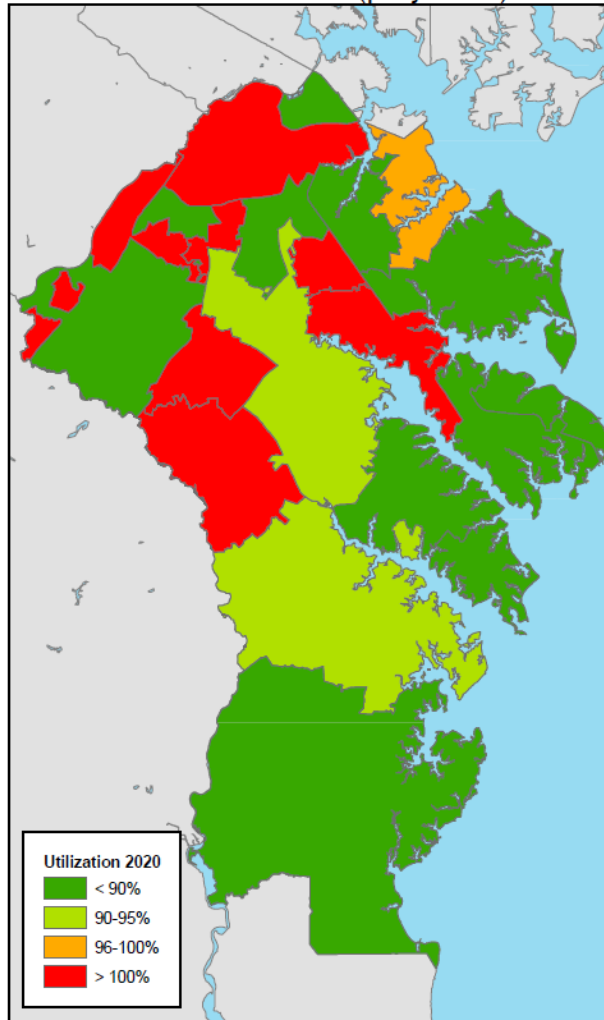


23,165

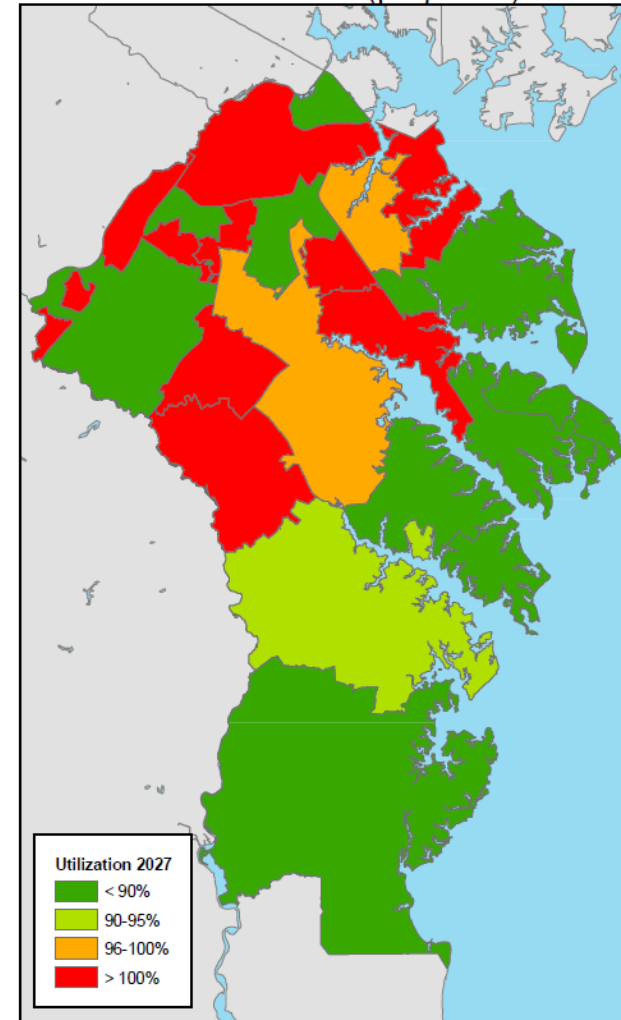
Middle School Utilization 2015



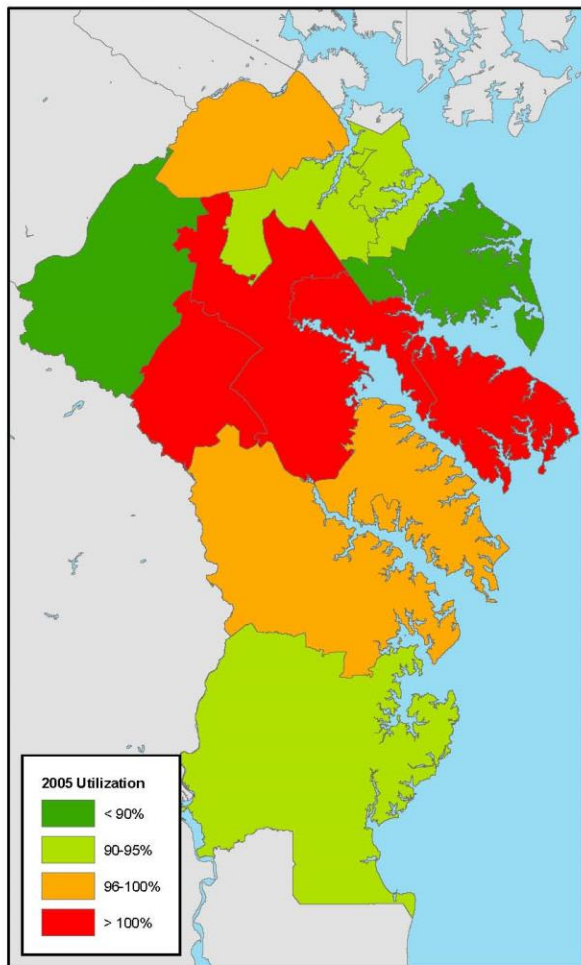
Middle School Utilization 2020 (projected)



Middle School Utilization 2027 (projected)

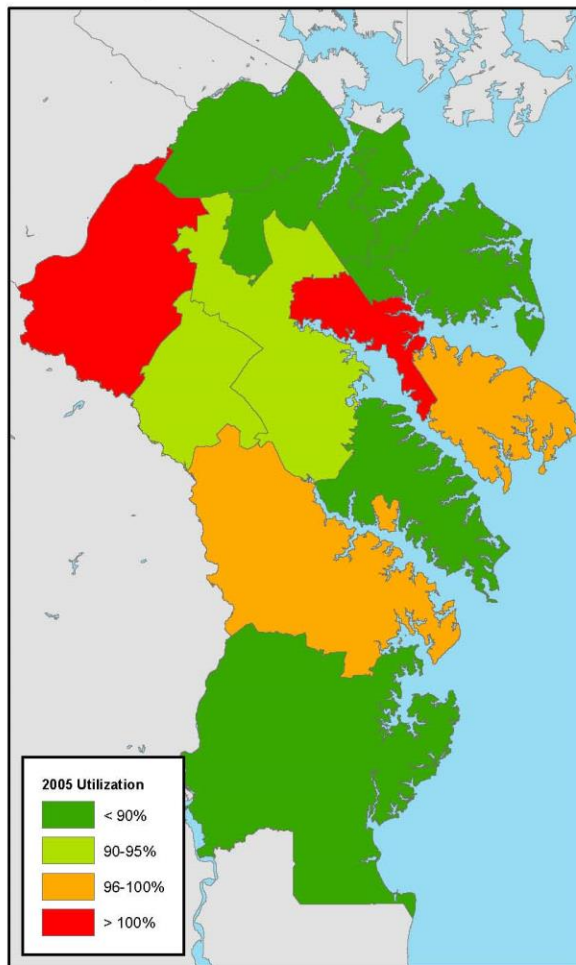


High School Utilization 2005



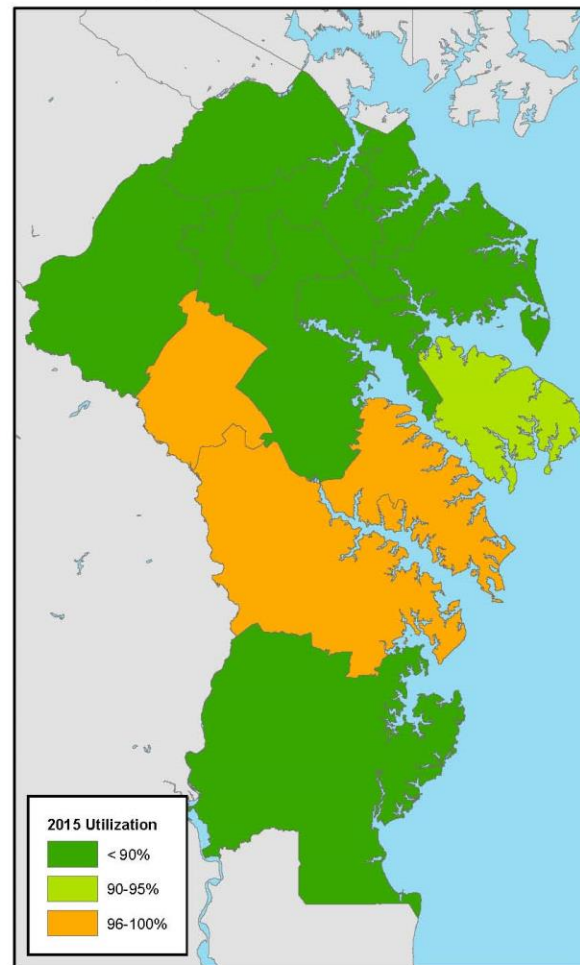
23,960

High School Utilization 2010



24,486

High School Utilization 2015

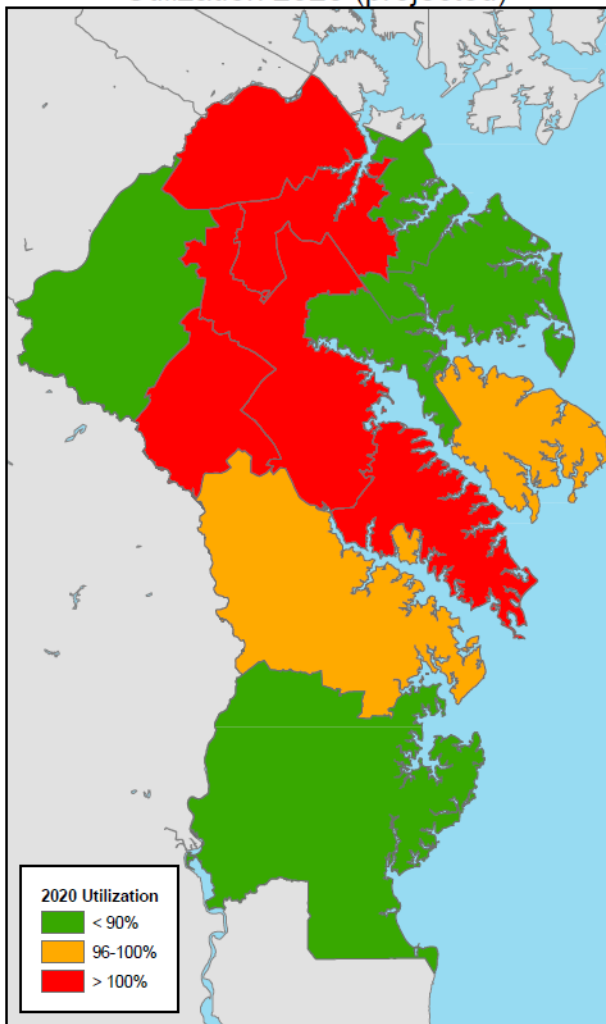


25,143

High School Utilization 2015



High School Utilization 2020 (projected)



High School Utilization 2027 (projected)

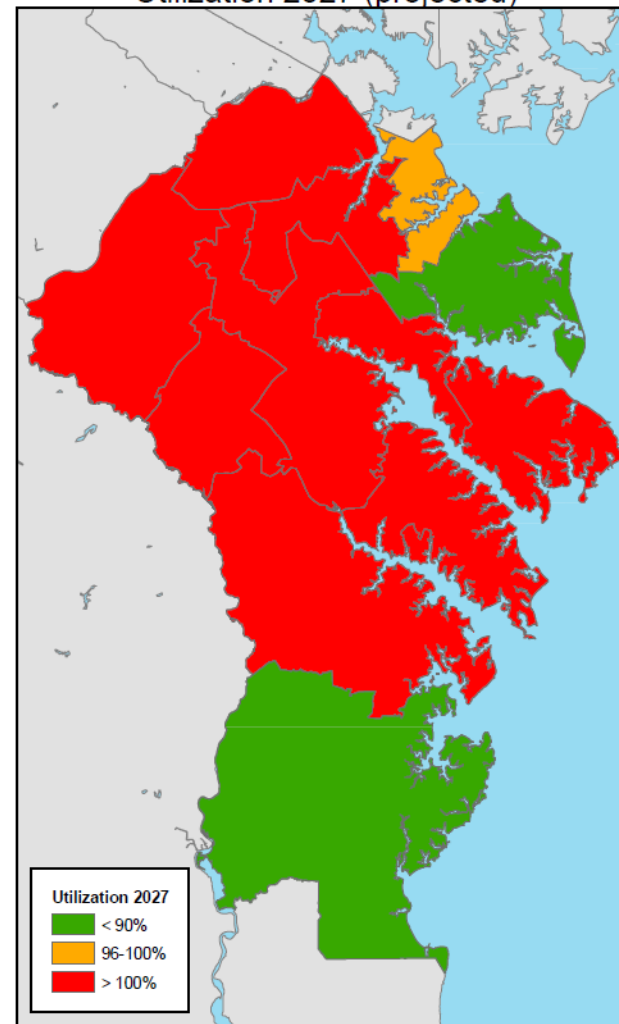


EXHIBIT 7-14
ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
STUDENT GENERATION FACTORS FOR PEER DISTRICTS

SCHOOL DISTRICT	DISTRICT YIELD RATIO	SINGLE FAMILY OR SINGLE FAMILY DETACHED			MULTI FAMILY OR MULTI FAMILY ATTACHED			TOWNHOUSE		
		ES	MS	HS	ES	MS	HS	ES	MS	HS
Jefferson County Public Schools, CO	1.170	0.580	0.040	0.550						
Prince William County Public Schools, VA	0.578	0.294	0.156	0.206	0.176	0.070	0.085	0.285	0.128	0.155
Metropolitan Nashville Public Schools, TN	0.562	0.137	0.098	0.093	0.113	0.065	0.055			
Austin Independent School District, TX		0.208	0.057	0.094	0.215	0.062	0.123	0.041	0.012	0.034
Long Beach Unified School District, CA		0.261	0.096	0.124	0.229	0.111	0.167			

*DATA FOR THE VARIOUS DISTRICTS ARE NOT ALL FOR THE SAME YEAR.

*GRADES INCLUDED AS ES, MS AND HS VARY BETWEEN DISTRICTS

SOURCE: MGT OF AMERICA, 2015.

EXHIBIT 7-15
ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
STUDENT GENERATION FACTORS BY HIGH SCHOOL ATTENDANCE ZONE

ATTENDANCE ZONE	ES AVERAGE YIELD	MS AVERAGE YIELD	HS YIELD
Annapolis HS	0.142	0.054	0.063
Arundel HS	0.224	0.092	0.126
Broadneck HS	0.198	0.100	0.139
Chesapeake HS	0.178	0.086	0.117
Glen Burnie HS	0.188	0.066	0.094
Meade HS	0.258	0.079	0.096
North County HS	0.181	0.105	0.114
Northeast HS	0.187	0.081	0.116
Old Mill HS	0.154	0.073	0.092
Severna Park HS	0.268	0.134	0.174
South River HS	0.181	0.092	0.127
Southern HS	0.156	0.078	0.109
Average/Total	0.194	0.084	0.114

SOURCE: ANNE ARUNDEL COUNTY PUBLIC SCHOOLS, 2015.

Build out per current zoning

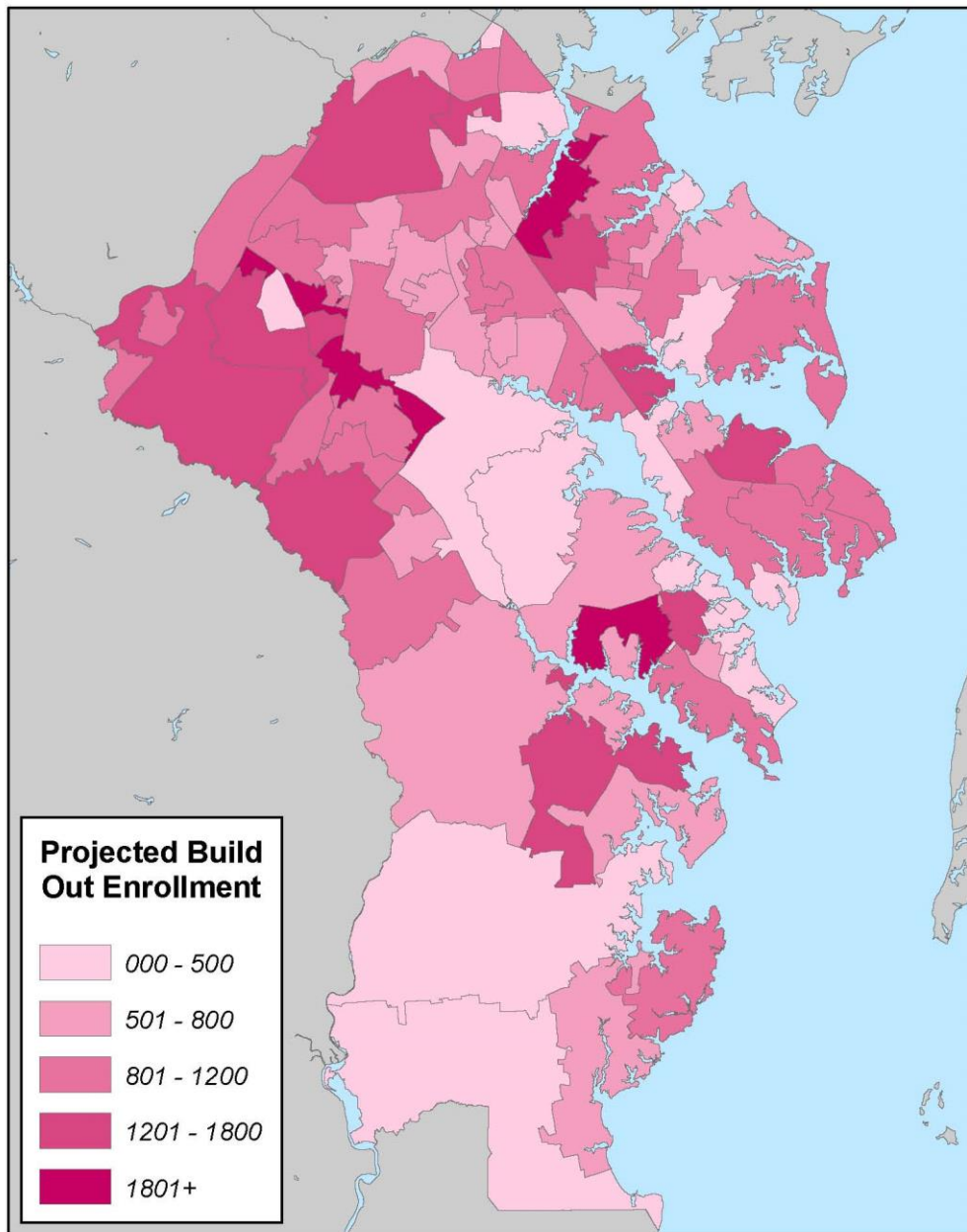
63	Broadneck Elementary School-MA1	3	4.63121897065	MA1	MA1 Community Marina	0	0		
64	Broadneck Elementary School-MA2	1	1.45740688984	MA2	MA2 Light Commercial Marina	0	0		
65	Broadneck Elementary School-OS	19	233.82768937700	OS	OS Open Space	0	0		
66	Broadneck Elementary School-R1	2	309.63062734800	R1	R1 Residential	1	309.630627		
67	Broadneck Elementary School-R15	6	119.89257017000	R15	R15 Residential	15	1798.38855		
68	Broadneck Elementary School-R2	7	612.61018495700	R2	R2 Residential	2	1225.22037		
69	Broadneck Elementary School-R5	4	700.86803666300	R5	R5 Residential	5	3504.34018	6842.579733	
70	Brock Bridge Elementary School-C1	1	1.42374553167	C1	C1 Commercial - Local	0	0		
71	Brock Bridge Elementary School-C2	1	9.57653450101	C2	C2 Commercial - Office	0	0		
72	Brock Bridge Elementary School-C3	2	94.89818622970	C3	C3 Commercial - General	0	0		
73	Brock Bridge Elementary School-C4	3	38.63510867090	C4	C4 Commercial - Highway	0	0		
74	Brock Bridge Elementary School-OS	5	679.70486740500	OS	OS Open Space	0	0		
75	Brock Bridge Elementary School-R1	3	70.04726919120	R1	R1 Residential	1	70.0472692		
76	Brock Bridge Elementary School-R10	2	131.52420438200	R10	R10 Residential	10	1315.24204		
77	Brock Bridge Elementary School-R15	3	245.28548398000	R15	R15 Residential	15	3679.28226		
78	Brock Bridge Elementary School-R22	2	68.12281060290	R22	R22 Residential	22	1498.70183		
79	Brock Bridge Elementary School-R5	5	465.93357571100	R5	R5 Residential	5	2329.66788	8897.941285	
80	Brock Bridge Elementary School-W1	1	2.48621544595	W1	W1 Industrial Park	0	0		
81	Brooklyn Park Elementary School-C2	4	6.51599259933	C2	C2 Commercial - Office	0	0		
82	Brooklyn Park Elementary School-C3	7	31.73907111430	C3	C3 Commercial - General	0	0		
83	Brooklyn Park Elementary School-C4	6	57.44981399410	C4	C4 Commercial - Highway	0	0		
84	Brooklyn Park Elementary School-OS	6	87.07250910920	OS	OS Open Space	0	0		
85	Brooklyn Park Elementary School-R1	2	30.03918980080	R1	R1 Residential	1	30.0391898		
86	Brooklyn Park Elementary School-R10	2	29.54550924060	R10	R10 Residential	10	295.455092		
87	Brooklyn Park Elementary School-R15	1	0.01423362741	R15	R15 Residential	15	0.21350441		
88	Brooklyn Park Elementary School-R5	2	884.14740989900	R5	R5 Residential	5	4420.73705	4751.444836	
89	Brooklyn Park Elementary School-W2	2	180.87946732500	W2	W2 Industrial - Light	0	0		
90	Cape St. Claire Elementary School-C1	2	17.96301094870	C1	C1 Commercial - Local	0	0		

Households and Students

	L4 Enrollment (feeder only)		2014 Yield	Full Build Out		
Attendance Zone	# of HH (2015)	Students		# of HH	Students	
Annapolis HS	28,987	1,813	0.063	50,356	3,150	
Arundel HS	16,096	2,021	0.126	39,073	4,906	Adjusted for
Broadneck HS	15,154	2,104	0.139	27,482	3,816	
Chesapeake HS	12,205	1,434	0.117	19,939	2,343	
Glen Burnie HS	20,598	1,931	0.094	47,579	4,460	
Meade HS	21,468	2,070	0.096	52,642	5,076	
North County HS	17,620	2,013	0.114	36,177	4,133	
Northeast HS	11,527	1,335	0.116	17,108	1,981	
Old Mill HS	22,967	2,105	0.092	36,127	3,311	
Severna Park HS	10,730	1,872	0.174	20,765	3,623	
South River HS	17,357	2,210	0.127	23,871	3,039	Adjusted for
Southern HS	9,843	1,071	0.109	15,430	1,679	

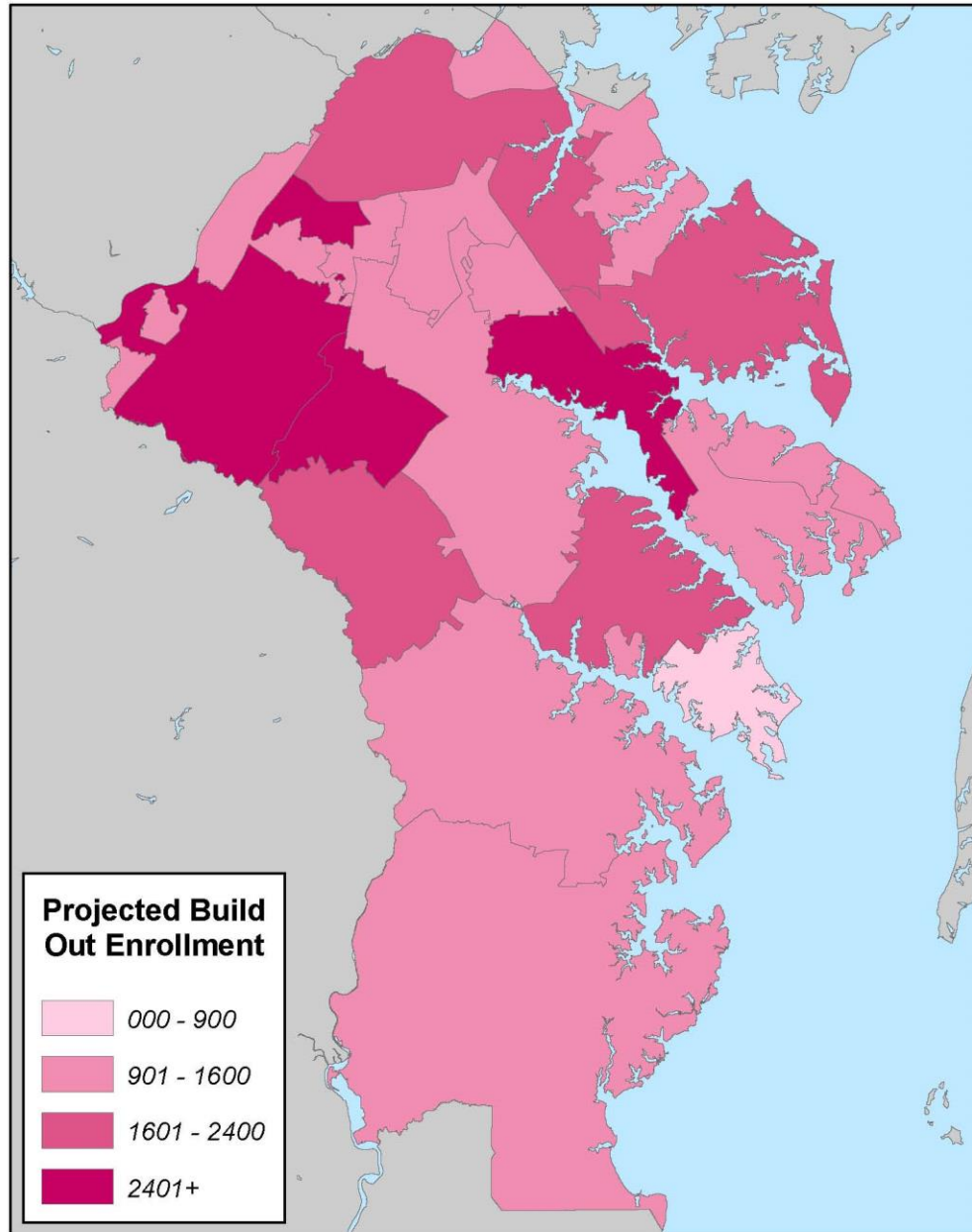
Anne Arundel County Public Schools

Elementary School Student Yield at Full Residential Build Out



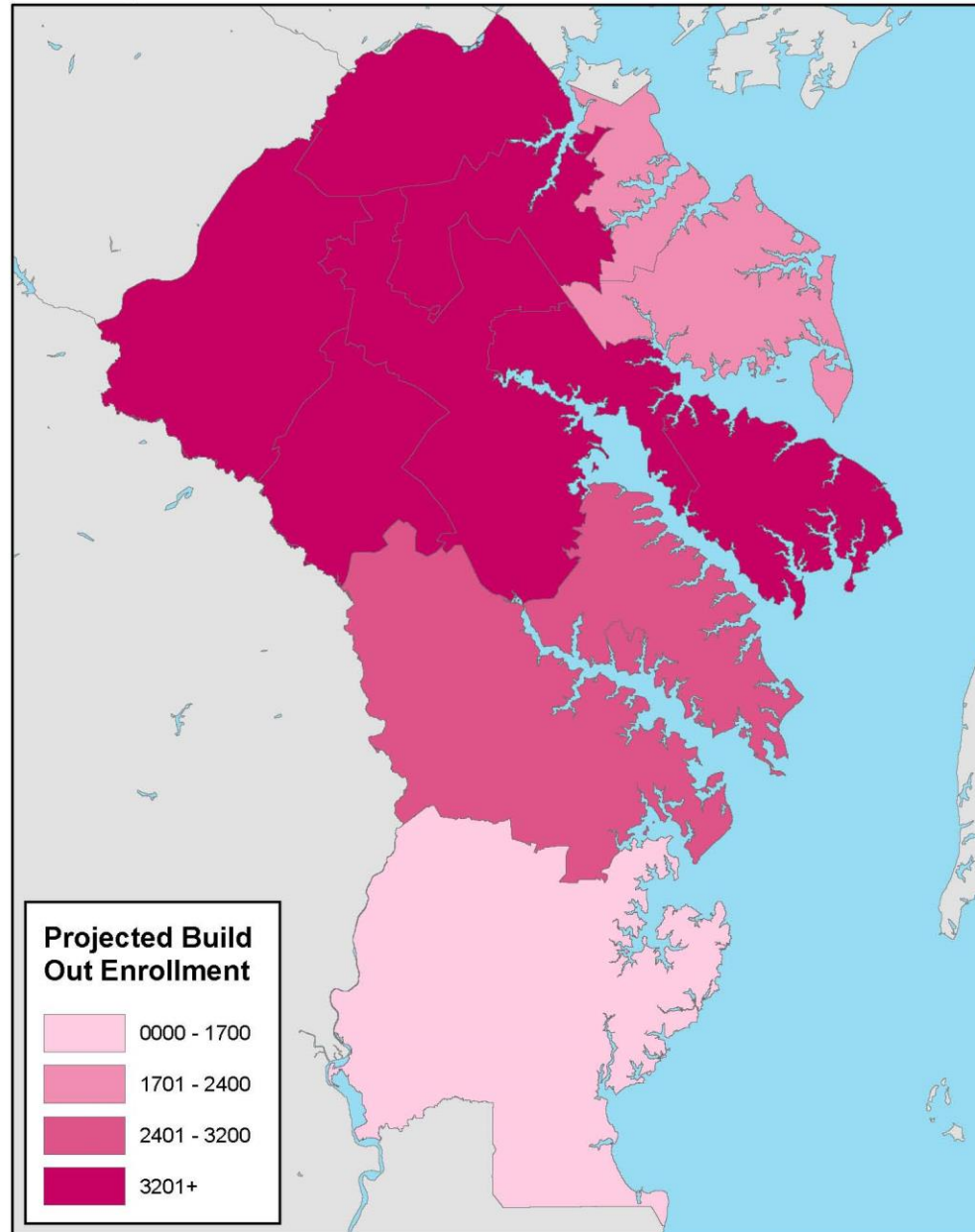
Anne Arundel County Public Schools

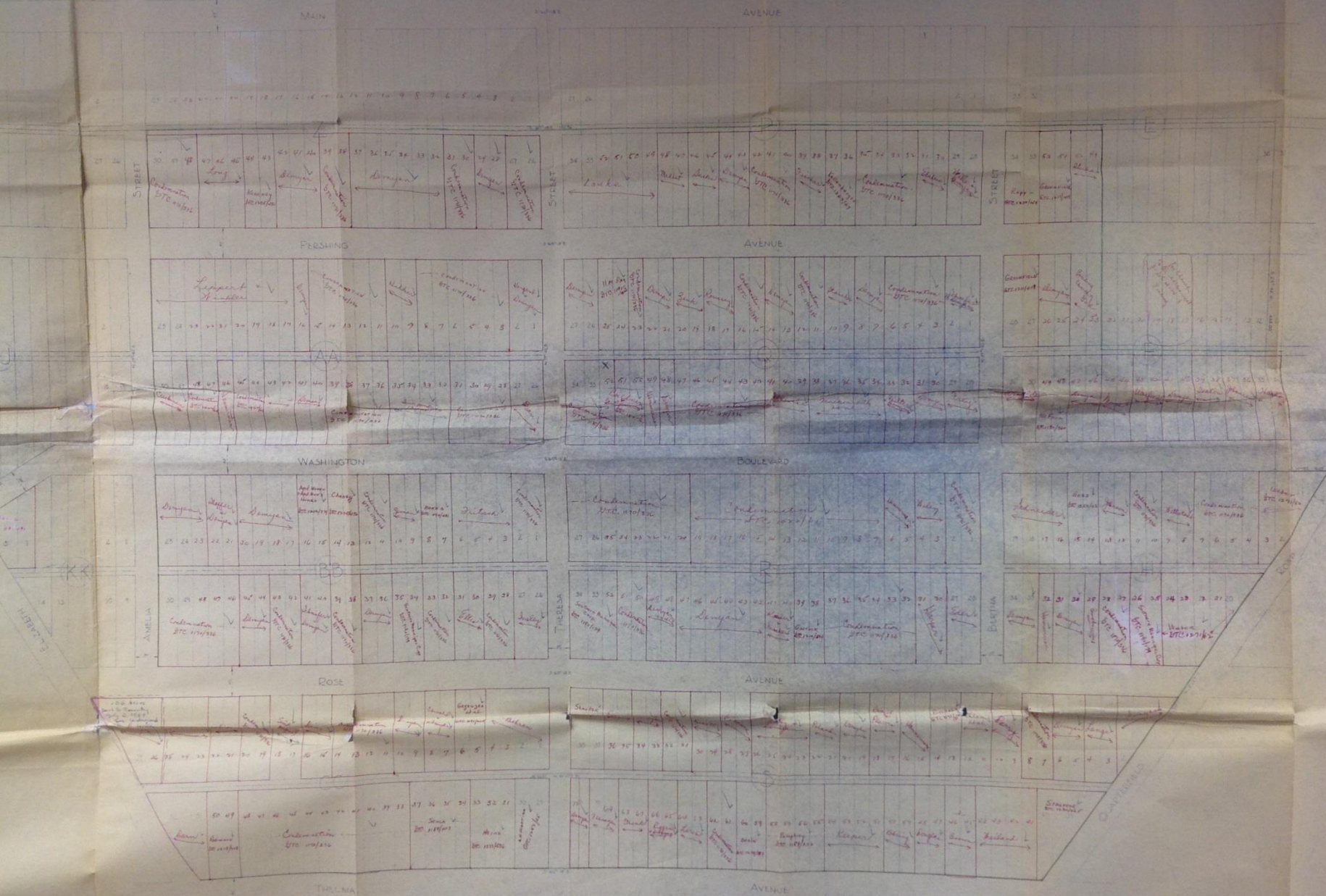
Middle School Student Yield at Full Residential Build Out



Anne Arundel County Public Schools

High School Student Yield at Full Residential Build Out





R. TILGHMAN BRICE, III.

ATTORNEY AND COUNSELOR AT LAW

140 SOUTH STREET

ANNAPOLIS, MARYLAND

October 26, 1961

Mr. Fred L. Alexander
Board of Education for Anne Arundel County
Green Street
Annapolis, Maryland

Re: Glen Burnie Heights Quarterfield
School site

Dear Mr. Alexander:

With reference to your telephone conversation with me, wherein you requested a breakdown with respect to my final bill of \$3,000.00, for the balance due in connection with fees in the acquisition of this site.

I have reviewed my files in connection with this acquisition. As you know, the tract of land acquired, consisted of 448 lots together with lots of various streets, roads and alley-ways. This involved the examination of some 200 individual titles, many of which went into involved tax sale proceedings.

The minimum fee under the Bar Association minimum fee schedule is \$50.00 for title examination. I prepared 93 deeds in connection with this acquisition. The minimum fee under the Bar Association schedule is \$15.00. I conducted 93 settlements in connection with this acquisition. I prepared and filed 37 condemnation proceedings in connection with this acquisition and though all but 5 of these cases were settled, many of them were settled after the cases were set for trial and usually one or two days before the trial was to be held, which meant that all papers for trial in connection with each of these cases had been prepared. I conducted five condemnation proceedings which involved five days attendance in Court. Preparation of all papers and trial of two Equity proceedings in order to acquire title to lots wherein infants were involved.

In addition to the foregoing, considerable time, transportation and telephone expense was involved in this acquisition in endeavoring to find and contact various people who had interest in many of the lots at Glen Burnie Heights.

	2005	2010	2015
Elementary	33,504	36,266	41,494
Middle	21,869	22,056	23,165
High	23,960	24,486	25,143
Alt & Special Ed	840	870	1,029
Charter & Contract	244	698	1,928
TOTAL	80,417	84,376	92,759