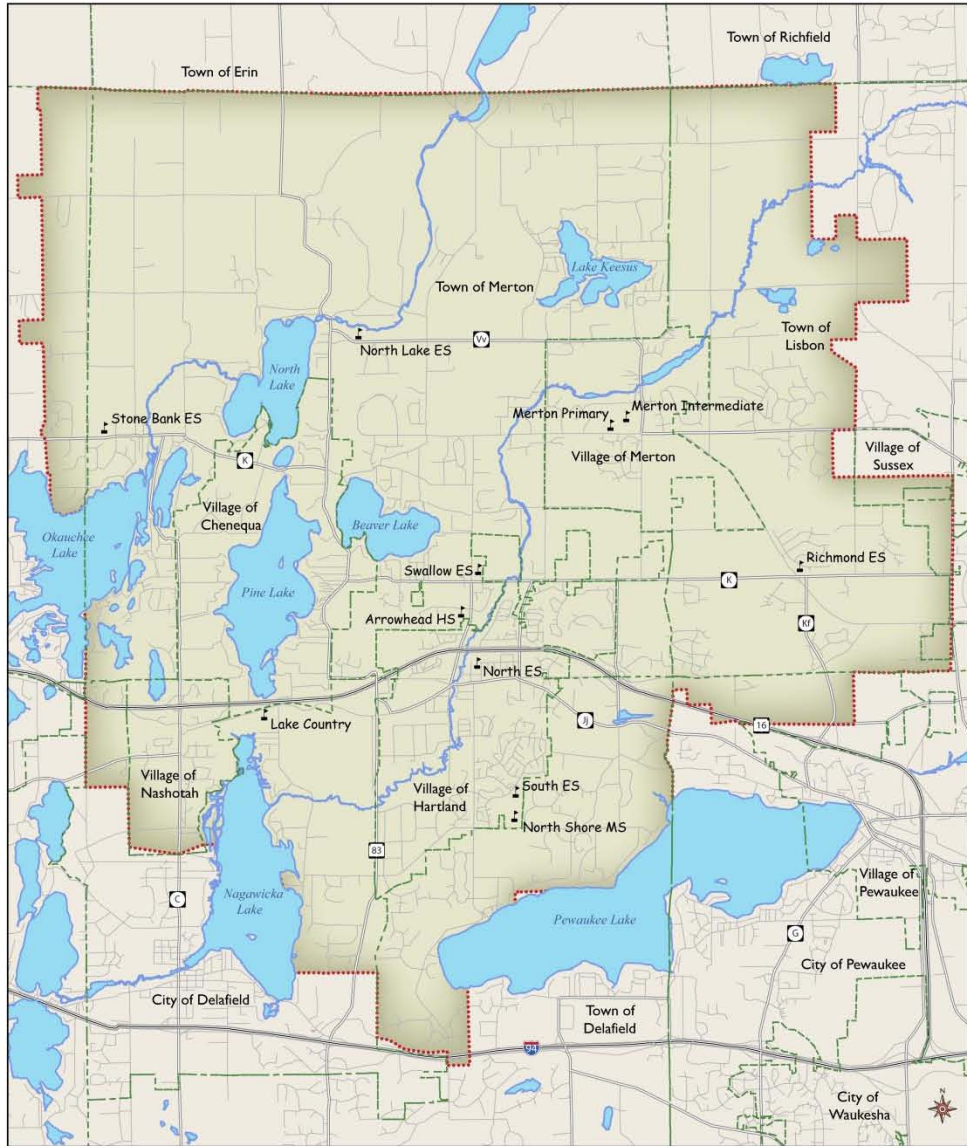


ARROWHEAD UNION HIGH SCHOOL DISTRICT																				
ENROLLMENT PROJECTION																				
2010-11																				
ARROWHEAD HIGH SCHOOL AND K-8 FEEDER SCHOOL DISTRICT																				
ACTUAL ENROLLMENT																	AHS % INCREASE OVER prior year			
Senior KG	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH	11TH	12TH	AHS TOTAL	TOTAL	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
436	442	442	495	478	490	483	500	525	4291	556	639	605	579	2,379	6,670	2005-06				
439	458	464	472	518	492	518	490	508	4359	541	557	626	617	2,341	6,700	2006-07	-1.60%			
474	455	479	475	493	532	511	513	499	4431	564	546	554	648	2,312	6,743	2007-08	-1.24%			
466	482	467	493	483	502	545	514	540	4492	549	570	548	568	2,235	6,727	2008-09	-3.33%			
464	463	498	480	503	500	528	561	527	4524	574	544	566	567	2,251	6,775	2009-10	0.72%			
393	472	476	508	488	520	512	535	556	4460	572	578	549	579	2,278	6,738	2010-11	1.20%			
ENROLLMENT PROJECTIONS																				
ENROLLMENT PROJECTION #1										ENROLLMENT PROJECTION #2										
Baseline Trend Model (TEN Year Survival Ratio)										FIVE Year Trend Model (FIVE Year Survival Ratio)										
									Change From										Change From	
									2010-11										2010-11	
9th	10th	SC Total	11th	12th	NC Total	Gr 9-12 TOTAL			9th	10th	SC Total	11th	12th	NC Total	Gr 9-12 TOTAL					
620	574	1,194	576	563	1,139	2,333	2.41%	55	2011-12	599	574	1,173	576	564	1,140	2,313	1.54%	35		
607	622	1,229	572	591	1,163	2,392	2.53%	114	2012-13	589	602	1,191	572	592	1,164	2,355	1.82%	77		
591	609	1,200	620	587	1,207	2,407	0.63%	129	2013-14	569	591	1,160	599	588	1,187	2,347	-0.34%	69		
622	593	1,215	607	636	1,243	2,458	2.12%	180	2014-15	601	572	1,173	589	616	1,205	2,378	1.32%	100		
603	624	1,227	590	623	1,213	2,440	-0.73%	162	2015-16	580	603	1,183	569	605	1,174	2,357	-0.88%	79		
651	605	1,256	621	606	1,227	2,483	1.76%	205	2016-17	621	582	1,203	601	585	1,186	2,389	1.36%	111		
632	653	1,285	603	638	1,241	2,526	1.73%	248	2017-18	602	624	1,226	580	617	1,197	2,423	1.42%	145		
651	634	1,285	650	618	1,268	2,553	1.07%	275	2018-19	619	604	1,223	621	596	1,217	2,440	0.70%	162		
563	653	1,216	632	667	1,299	2,515	-1.49%	237	2019-20	527	621	1,148	602	638	1,240	2,388	-2.13%	110		
597	565	1,162	651	648	1,299	2,461	-2.15%	183	2020-21	581	529	1,110	619	618	1,237	2,347	-1.72%	69		
This projection model assumes that long term trends (PAST TEN YEARS) in enrollment and migration will be representative of future trends in the district. This projection was completed by the Applied Population Laboratory at UW-Madison.										This projection model assumes that recent trends (PAST FIVE YEARS) in enrollment and migration will be representative of future trends in the district. This projection was completed by the Applied Population Laboratory at UW-Madison.										
ENROLLMENT PROJECTION #3										ENROLLMENT PROJECTION #4										
TWO Year Trend Model (TWO Year Survival Ratio)										Nine Year Variable Survival Ratio										
									Change From	Prepared by the district									Change From	
									2010-11										2010-11	
9th	10th	SC Total	11th	12th	NC Total	Gr 9-12 TOTAL			9th	10th	SC Total	11th	12th	NC Total	Gr 9-12 TOTAL					
597	571	1,168	579	565	1,144	2,312	1.49%	34	2011-12	615	572	1,187	576	563	1,139	2,326	2.11%	48		
579	597	1,176	572	595	1,167	2,343	1.34%	65	2012-13	604	618	1,222	569	591	1,160	2,382	2.41%	104		
566	579	1,145	597	588	1,185	2,330	-0.55%	52	2013-14	591	606	1,197	618	583	1,201	2,398	0.67%	120		
597	566	1,163	579	614	1,193	2,356	1.12%	78	2014-15	624	597	1,221	604	636	1,240	2,461	2.63%	183		
580	596	1,176	566	596	1,162	2,338	-0.76%	60	2015-16	605	630	1,235	600	621	1,221	2,456	-0.20%	178		
614	579	1,193	597	583	1,180	2,373	1.50%	95	2016-17	676	613	1,289	634	622	1,256	2,545	3.62%	267		
590	614	1,204	580	614	1,194	2,398	1.05%	120	2017-18	650	682	1,332	619	646	1,265	2,597	2.04%	319		
602	589	1,191	614	596	1,210	2,401	0.13%	123	2018-19	674	655	1,329	693	628	1,321	2,650	2.04%	372		
504	602	1,106	590	632	1,222	2,328	-3.04%	50	2019-20											
526	504	1,030	602	607	1,209	2,239	-3.82%	-39	2020-21	This projection ends at 2018-19										
This projection model assumes that even more recent trends (PAST TWO YEARS) in enrollment and migration will be representative of future trends in the district. This projection was completed by the Applied Population Laboratory at UW-Madison.										Enrollment projection # 4 uses a nine year survival ratio formula. This projection has been used by the district for the past fifteen plus years to project enrollment.										
The Applied Population Laboratory projections (#1, 2 and 3) multiply survival ratios by previous year actual or projected enrollment.																				
The district's projection (#4) multiplies survival ratios by the 2010-11 actual enrollment.																				

ARROWHEAD UNION HIGH SCHOOL DISTRICT												
OPEN ENROLLMENT HISTORY												
			2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	09-10	10-11*
Non-Resident Students IN			30	34.5	55	79	88	98	108	117	125	150
Resident Students OUT			<u>16</u>	<u>18</u>	<u>10</u>	<u>14</u>	<u>18</u>	<u>31</u>	<u>36</u>	<u>39</u>	<u>37</u>	<u>35</u>
			14	16.5	45	65	70	67	72	78	88	115
Open Enrollment Tuition Transfer			\$5,059	\$5,241	\$5,446	\$5,496	\$5,682	\$5,845	\$6,007	\$6,225	\$6,498	\$6,796
Open Enrollment Revenue			\$151,770	\$180,815	\$299,530	\$434,184	\$500,016	\$572,810	\$648,756	\$728,325	\$812,250	\$1,019,400
Open Enrollment Expense			<u>\$80,944</u>	<u>\$94,338</u>	<u>\$54,460</u>	<u>\$76,944</u>	<u>\$102,276</u>	<u>\$181,195</u>	<u>\$216,252</u>	<u>\$242,775</u>	<u>\$240,426</u>	<u>\$237,860</u>
Net Open Enrollment Revenue			<u>\$70,826</u>	<u>\$86,477</u>	<u>\$245,070</u>	<u>\$357,240</u>	<u>\$397,740</u>	<u>\$391,615</u>	<u>\$432,504</u>	<u>\$485,550</u>	<u>\$571,824</u>	<u>\$781,540</u>
*2010-11 Open Enrollment Tuition Transfer Amount is a projection.												

Planning for the Schools of Tomorrow



Arrowhead Union High School District
Arrowhead Union Schools

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School Enrollment Projections Series Arrowhead Union High School

October 2010

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Introduction

This report offers a summary of the Enrollment Projection Analysis completed for the Arrowhead Union High School by the Applied Population Laboratory, University of Wisconsin-Madison. Projections (2011-2020) are provided for the district as a whole, and individually for each grade and grade grouping. The projection process uses a combination of historical enrollment data, birth trends and projections, housing starts data, and population trends and projections to create reasonable assumptions about future growth scenarios and the likely impact on the school district.

District Enrollment History, 2001-2010

Table 1-A and Figure 1-A display the last ten years of enrollment history in the K-8 feeder schools while Tables 1-B and 2 and Figure 1-B show the last ten years of enrollment history for Arrowhead Union High School. District 9-12 enrollment has increased overall since 2001, from 2,035 students in the 2001/02 school year to 2,278 students in 2010/11. This is an increase of 243 students, or a 12% (1.3% annually) increase in the number of students enrolled over ten years.

TABLE 1-A
Student Enrollment
K-8 Feeder Schools

	SCHOOL YEAR									
	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11
K	388	395	396	415	436	439	474	466	464	393
1	403	400	439	419	442	458	455	482	463	472
2	398	417	427	456	442	464	479	467	498	476
3	407	410	444	439	495	472	475	493	480	508
4	459	432	421	471	478	518	493	483	503	488
5	443	477	460	439	490	492	532	502	500	520
6	522	469	485	468	483	518	511	545	528	512
7	540	554	471	501	500	490	513	514	561	535
8	494	547	554	485	525	508	499	540	527	556
TOTAL	4,054	4,101	4,097	4,093	4,291	4,359	4,431	4,492	4,524	4,460
K-8	4,054	4,101	4,097	4,093	4,291	4,359	4,431	4,492	4,524	4,460
K-5	2,498	2,531	2,587	2,639	2,783	2,843	2,908	2,893	2,908	2,857
6-8	1,556	1,570	1,510	1,454	1,508	1,516	1,523	1,599	1,616	1,603



TABLE 1-B
Student Enrollment
Arrowhead Union High School

	SCHOOL YEAR									
	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11
9	540	563	622	634	556	541	564	549	574	572
10	536	532	571	609	639	557	546	570	544	578
11	468	548	525	567	605	626	554	548	566	549
12	491	481	564	536	579	617	648	568	567	579
TOTAL	2,035	2,124	2,282	2,346	2,379	2,341	2,312	2,235	2,251	2,278

TABLE 2
Student Enrollment Changes
Arrowhead Union High School

GRADE	ABSOLUTE CHANGE			PERCENT CHANGE			AVERAGE ANNUAL PERCENT CHANGE		
	'01 to '10	'01 to '05	'06 to '10	'01 to '10	'01 to '05	'06 to '10	'01 to '10	'01 to '05	'06 to '10
9	32	16	31	5.9	3.0	5.7	0.7	0.7	1.4
10	42	103	21	7.8	19.2	3.8	0.9	4.8	0.9
11	81	137	-77	17.3	29.3	-12.3	1.9	7.3	-3.1
12	88	88	-38	17.9	17.9	-6.2	2.0	4.5	-1.5
TOTAL	243	344	-63	11.9	16.9	-2.7	1.3	4.2	-0.7



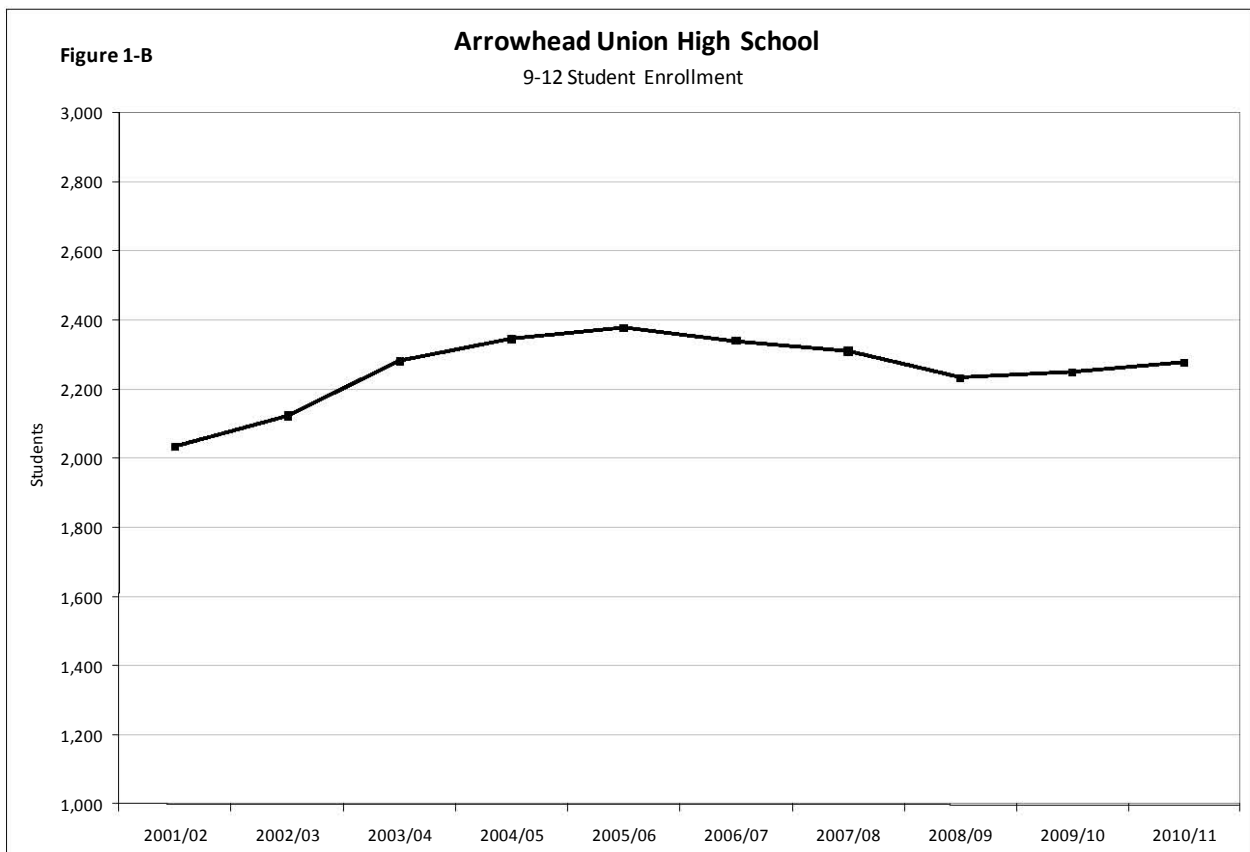
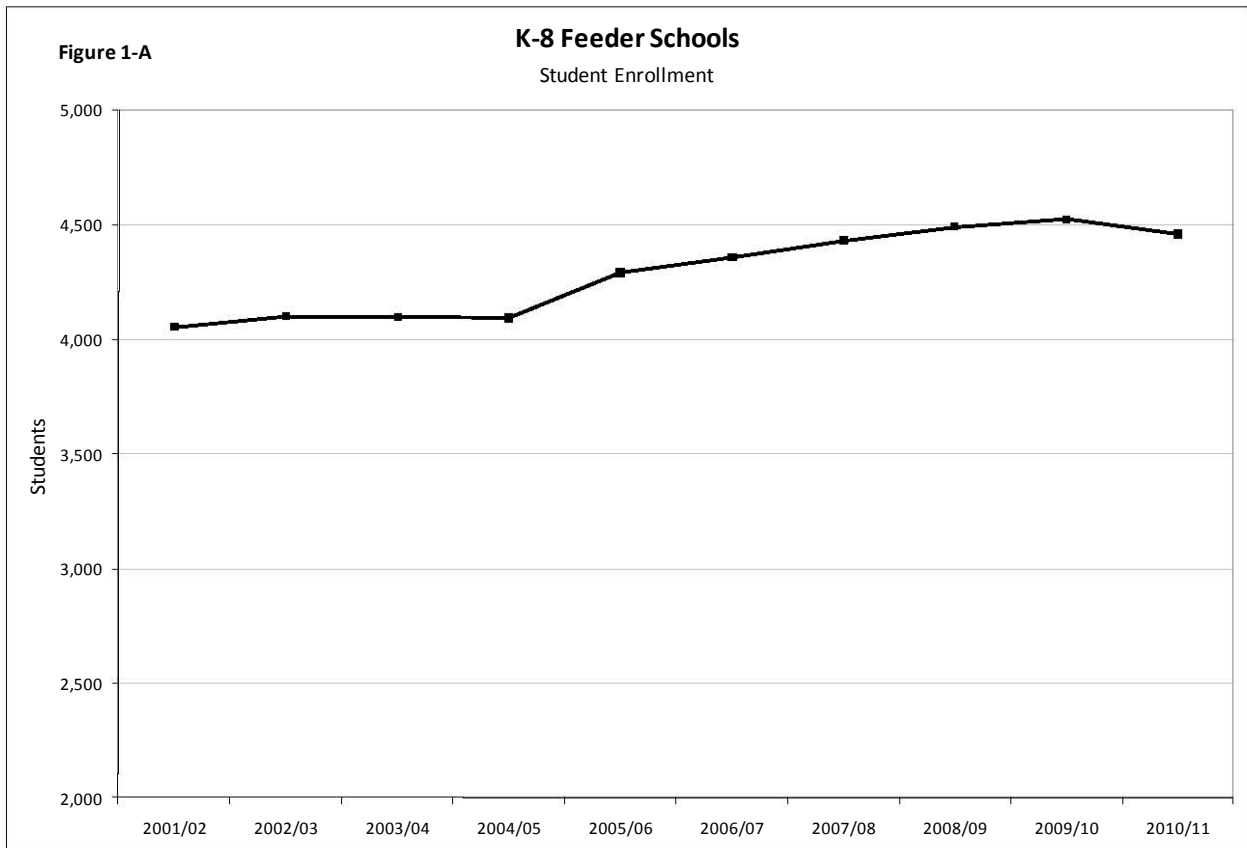
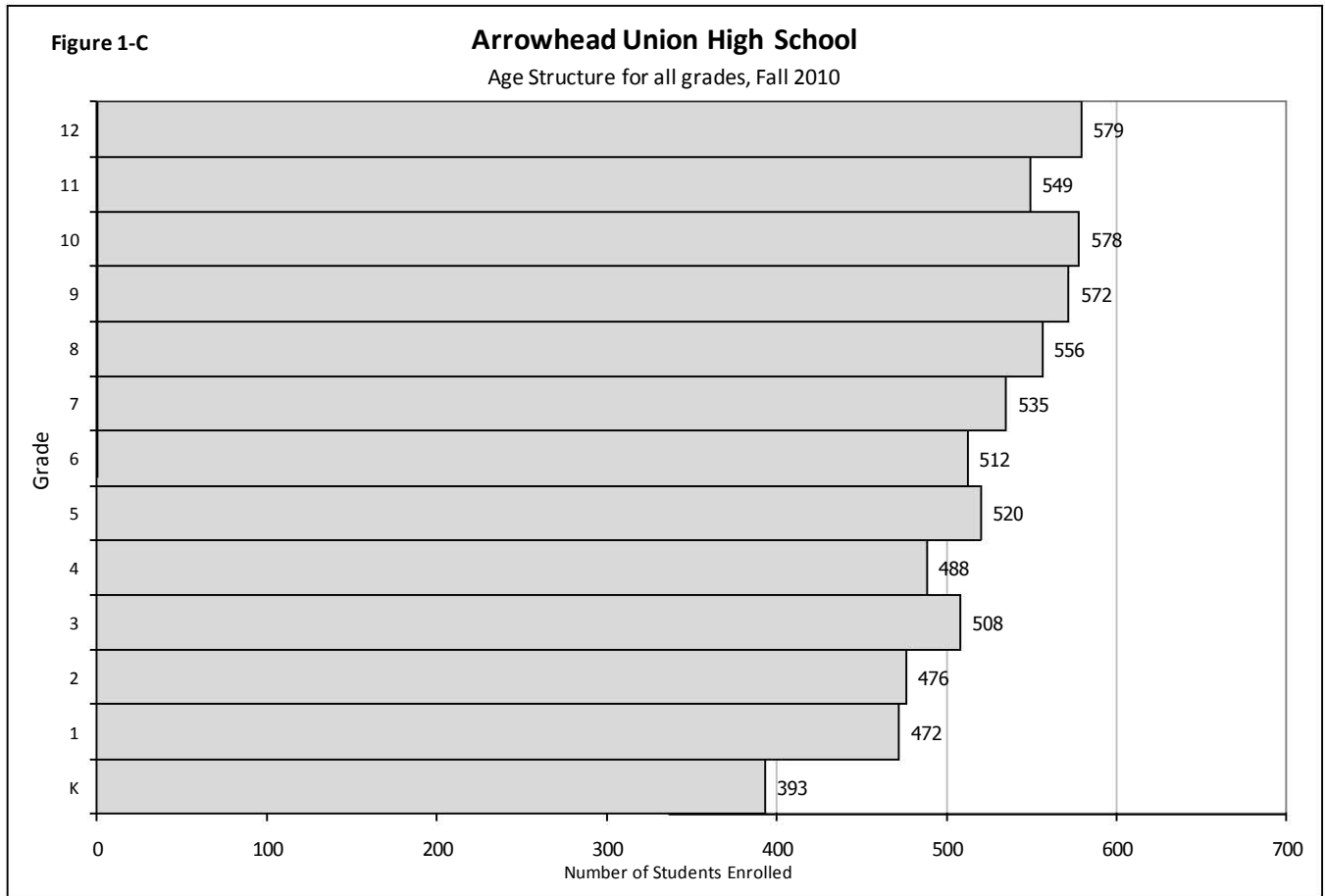
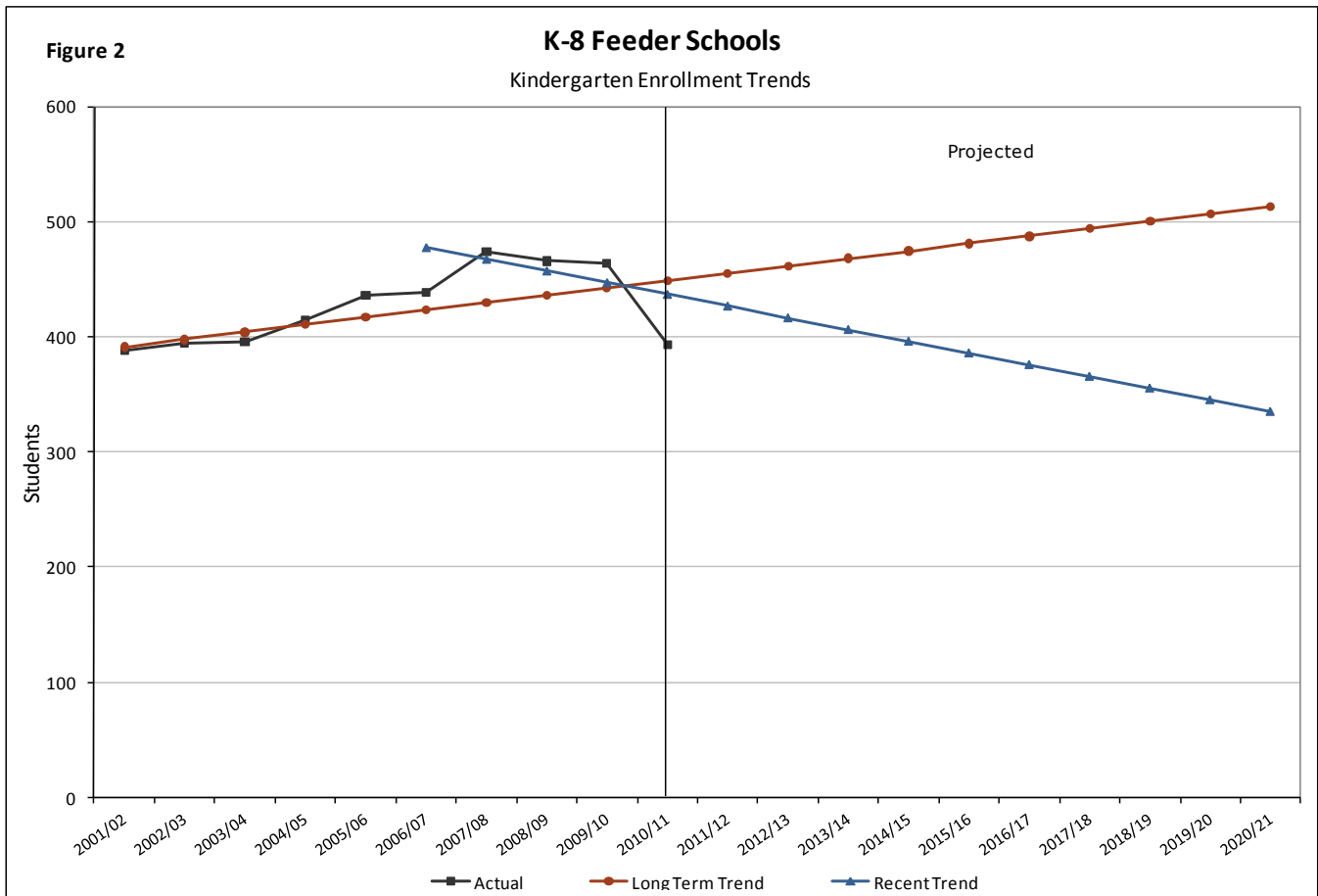


Figure 1-C shows the age structure in the fall of 2010 of the student population for the feeder schools and Arrowhead High School with the number of kindergarteners at the bottom and the number of 12th graders at the top.



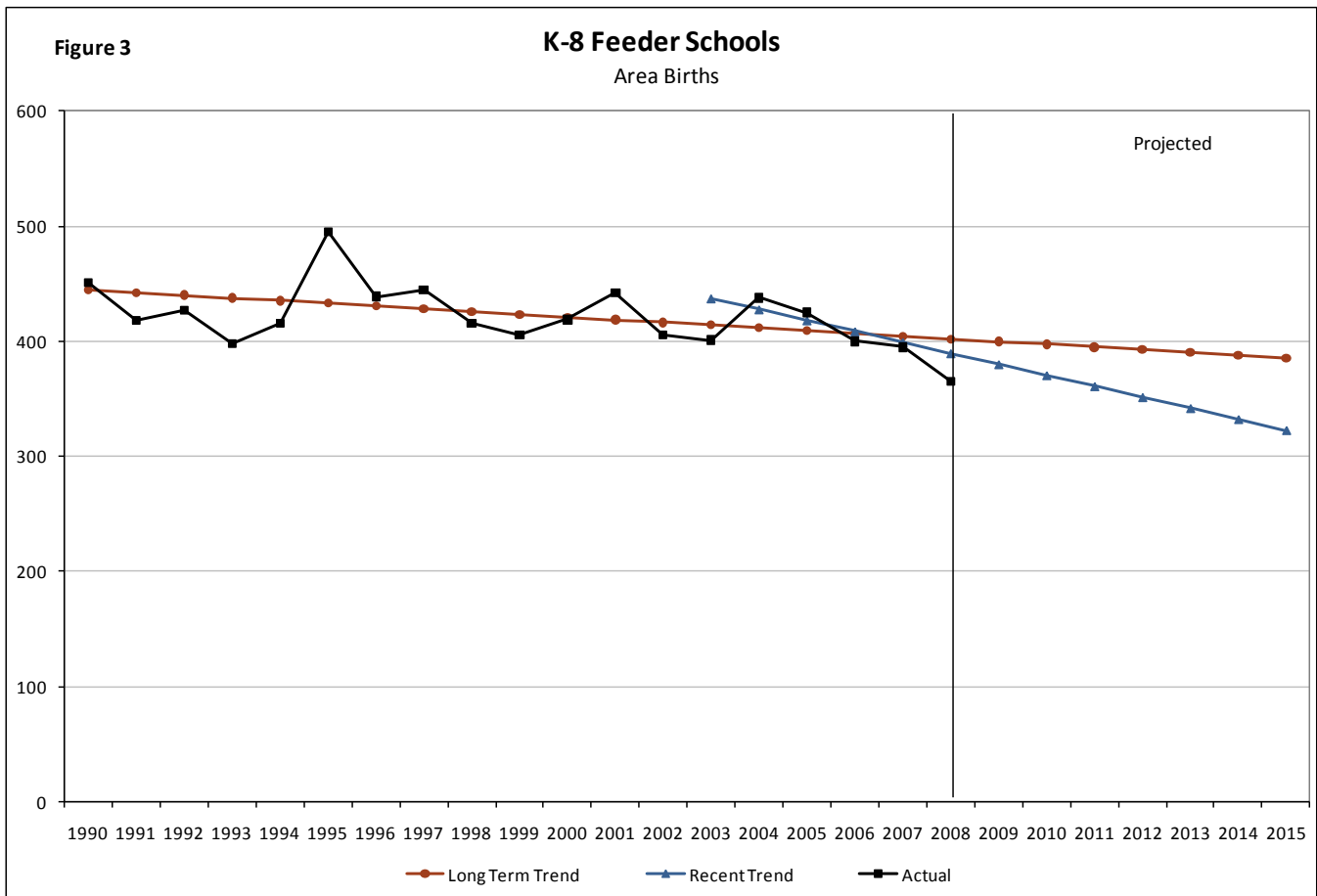
Kindergarten Trends and Projections

Examining trends in kindergarten enrollment is particularly informative for gaining perspective on future district enrollment, as today’s kindergartners will gradually make up tomorrow’s students at the higher grade levels as they age and move through the school system. When kindergarten enrollment is increasing, elementary and middle school enrollment might be expected to increase in the near future, while high school enrollment may increase farther in the future. Figure 2 shows kindergarten enrollment history in black, and trend lines depicting kindergarten enrollment in red and blue. The “Long Term Trend” line (shown in red) averages kindergarten enrollment changes between 2001 and 2010. The “Recent Trend” line emphasizes kindergarten enrollment changes over the last five years. In the feeder schools, the long term trend indicates increasing kindergarten enrollment while the recent trend indicates a decrease in kindergarten enrollment.



Birth Trends and Projections

Historical and projected birth data is used to forecast kindergarten students who will enroll in the feeder schools of Arrowhead Union High School. Figure 3 shows (in black) the number of births to mothers living in municipalities that fall within school district boundaries, by year, from 1990-2008, as collected from the Wisconsin Department of Health and Family Services. The red line represents birth trends over the long term and the blue line examines birth patterns for the last six years. Long term birth trends are decreasing slightly while the recent birth trends indicate even greater decreases in births over time.



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
# of Births	451	418	427	398	416	495	439	445	416	406
Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	
# of Births	419	442	406	401	438	425	400	395	365	

Source: WI Department of Health Services



Population Estimates and Projections

This section examines population trends of the recent past and projected population change into the future for municipalities that fall within the Arrowhead Union High School area. Changes in the total population of the district area, particularly when examined by age, provide clues into how the school age population may be changing.

Table 3 provides Wisconsin Department of Administration (DOA) estimates for district area municipalities from 1980 to 2010. These municipal estimates can be compared with estimates for Waukesha County and the State of Wisconsin. The district area grew quickly from 1995 to 2000 by 12%. General population growth appears to be slowing when from 2000 to 2005 growth slowed to 6% and then slowed to 2% from 2005 to 2010.

TABLE 3
Population of Municipalities: 1980-2010
Arrowhead Union High School

Municipality	POPULATION						
	Census 1980	est. 1985	Census 1990	est. 1995	Census 2000	est. 2005	est. 2010
C. Delafield	4,083	4,512	5,347	5,944	6,472	6,876	6,996
T. Delafield	4,597	4,862	5,735	6,809	7,820	8,286	8,247
T. Lisbon	8,352	8,878	8,277	8,690	9,359	9,733	9,924
T. Merton	6,025	5,932	6,430	6,876	7,988	8,347	8,478
V. Chenequa	532	483	601	614	583	586	602
V. Hartland	5,559	6,240	6,906	7,585	7,905	8,365	8,522
V. Merton	1,045	1,055	1,199	1,390	1,926	2,376	2,660
V. Nashotah	513	558	567	662	1,266	1,372	1,366
District Area	30,706	32,520	35,062	38,570	43,319	45,941	46,795
Waukesha County	280,203	285,904	304,715	328,631	360,767	377,348	383,864
State of Wisconsin	4,705,642	4,779,021	4,891,769	5,101,581	5,363,715	5,580,757	5,693,476

Municipality	PERCENT CHANGE						AVG. ANNUAL 2000-2010
	1980 to 1985	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010	
C. Delafield	10.5%	18.5%	11.2%	8.9%	6.2%	1.7%	0.9%
T. Delafield	5.8%	18.0%	18.7%	14.8%	6.0%	-0.5%	0.6%
T. Lisbon	6.3%	-6.8%	5.0%	7.7%	4.0%	2.0%	0.7%
T. Merton	-1.5%	8.4%	6.9%	16.2%	4.5%	1.6%	0.7%
V. Chenequa	-9.2%	24.4%	2.2%	-5.0%	0.5%	2.7%	0.4%
V. Hartland	12.3%	10.7%	9.8%	4.2%	5.8%	1.9%	0.9%
V. Merton	1.0%	13.6%	15.9%	38.6%	23.4%	12.0%	4.2%
V. Nashotah	8.8%	1.6%	16.8%	91.2%	8.4%	-0.4%	0.9%
District Area	5.9%	7.8%	10.0%	12.3%	6.1%	1.9%	0.9%
Waukesha County	2.0%	6.6%	7.8%	9.8%	4.6%	1.7%	0.7%
State of Wisconsin	1.6%	2.4%	4.3%	5.1%	4.0%	2.0%	0.7%

Source: Official Population Estimates (1990-2009). Demographic Services Center, WIDOA



Population projections to 2025 for the district area are provided in Table 4. These projections were completed prior to the economic recession and are potentially over-projecting the general population.

TABLE 4
Population Projections of Municipalities: 2000-2025
Arrowhead Union High School

Municipality	POPULATION					CHANGE 2000 to 2025
	Census 2000	est. 2010	Projections			
			2015	2020	2025	
C. Delafield	6,472	6,996	7,653	8,035	8,388	1,916
T. Delafield	7,820	8,247	9,410	9,955	10,464	2,644
T. Lisbon	9,359	9,924	10,266	10,506	10,715	1,356
T. Merton	7,988	8,478	9,088	9,447	9,776	1,788
V. Chenequa	583	602	578	574	569	-14
V. Hartland	7,905	8,522	9,156	9,543	9,898	1,993
V. Merton	1,926	2,660	2,934	3,189	3,431	1,505
V. Nashotah	1,266	1,366	1,669	1,815	1,953	687
District Area	43,319	46,795	50,754	53,064	55,194	11,875
Waukesha County	360,767	383,864	407,003	421,489	434,657	73,890
State of Wisconsin	5,363,715	5,693,476	5,988,420	6,202,810	6,390,900	1,027,185

Municipality	PERCENT CHANGE			
	2010-15	2015-20	2020-25	2000-25
C. Delafield	9.4%	5.0%	4.4%	29.6%
T. Delafield	14.1%	5.8%	5.1%	33.8%
T. Lisbon	3.4%	2.3%	2.0%	14.5%
T. Merton	7.2%	4.0%	3.5%	22.4%
V. Chenequa	-4.0%	-0.7%	-0.9%	-2.4%
V. Hartland	7.4%	4.2%	3.7%	25.2%
V. Merton	10.3%	8.7%	7.6%	78.1%
V. Nashotah	22.2%	8.7%	7.6%	54.3%
District Area	8.5%	4.6%	4.0%	27.4%
Waukesha County	6.0%	3.6%	3.1%	20.5%
State of Wisconsin	5.2%	3.6%	3.0%	19.2%

Municipality	ANNUAL RATE OF CHANGE			
	2010-15	2015-20	2020-25	2000-25
C. Delafield	2.3%	1.2%	1.1%	1.2%
T. Delafield	3.5%	1.4%	1.3%	1.4%
T. Lisbon	0.9%	0.6%	0.5%	0.6%
T. Merton	1.8%	1.0%	0.9%	0.9%
V. Chenequa	-1.0%	-0.2%	-0.2%	-0.1%
V. Hartland	1.9%	1.1%	0.9%	1.1%
V. Merton	2.6%	2.2%	1.9%	3.3%
V. Nashotah	5.5%	2.2%	1.9%	2.3%
District Area	2.1%	1.1%	1.0%	1.1%
Waukesha County	1.5%	0.9%	0.8%	0.9%
State of Wisconsin	1.3%	0.9%	0.8%	0.8%

Source: Population Projections for Wisconsin Municipalities: 2000-35 (2008)
 Demographic Services Center, WIDOA



Table 5 shows population projections by age for Waukesha County. Because these projections are for the entirety of the county, they may or may not resemble the future age structure of the population within the Arrowhead Union High School. Population projections indicate the growth of school age populations.

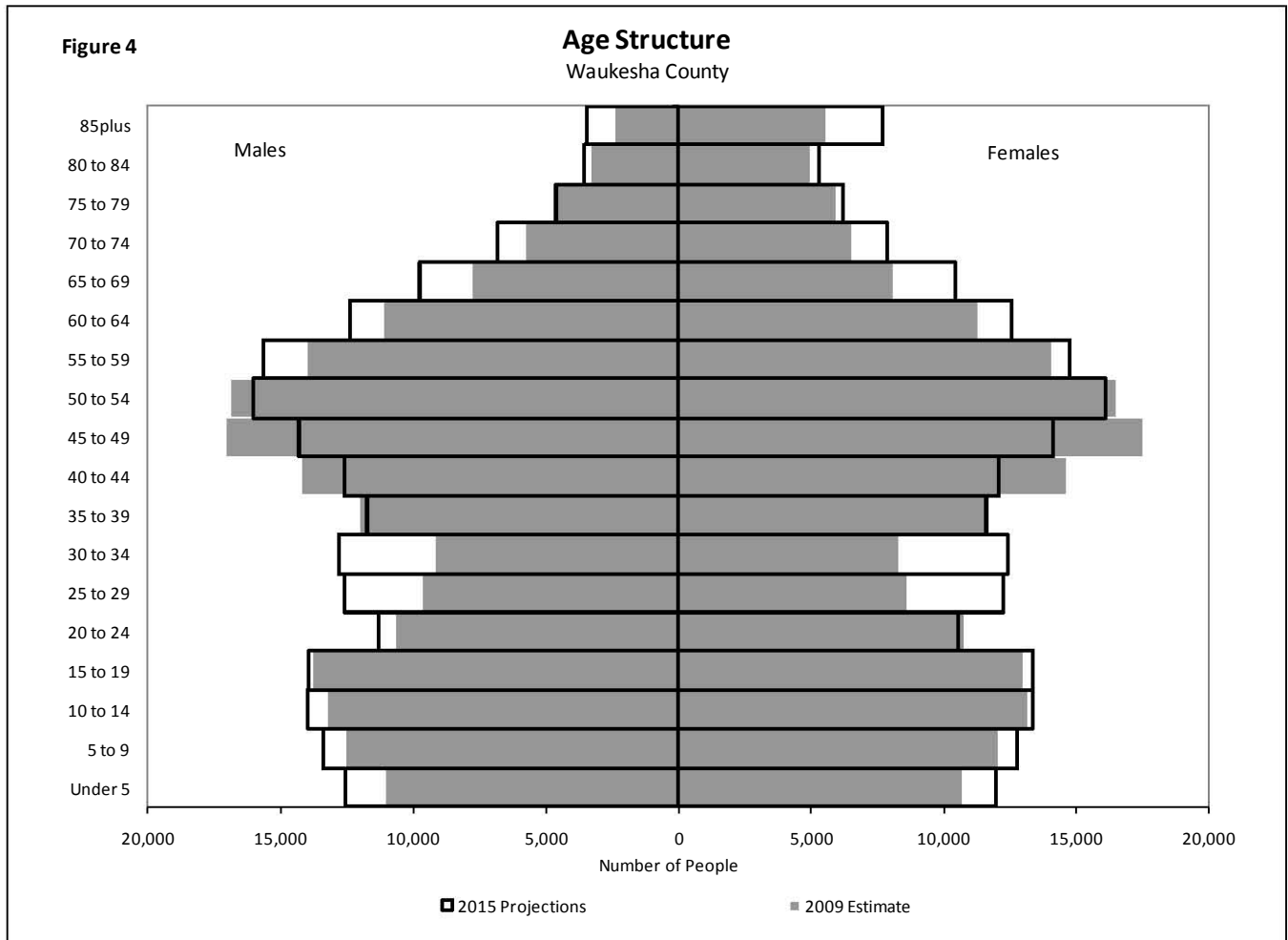
TABLE 5
Population Projections by Age: 2010-2035
Arrowhead Union High School

Waukesha County						
Age Group	2010	2015	2020	2025	2030	2035
0-4	23,157	24,518	25,790	26,373	26,554	26,632
5-9	25,665	26,170	27,522	28,640	29,015	29,005
10-14	27,807	27,370	27,819	29,082	30,107	30,370
15-19	27,429	27,309	26,881	27,253	28,426	29,372
20-24	22,262	21,824	21,716	21,324	21,576	22,465
25-29	22,402	24,817	24,349	24,199	23,675	23,908
30-34	20,686	25,209	27,764	27,137	26,752	26,111
35-39	23,309	23,370	28,088	30,655	29,867	29,213
40-44	28,252	24,726	24,753	29,485	32,022	31,134
45-49	33,196	28,445	24,906	24,874	29,544	32,021
50-54	32,509	32,146	27,566	24,108	24,039	28,515
55-59	27,218	30,444	30,124	25,807	22,551	22,467
60-64	22,175	24,931	27,921	27,615	23,642	20,653
65-69	16,126	20,223	22,785	25,507	25,244	21,619
70-74	11,908	14,699	18,494	20,863	23,372	23,189
75-79	10,279	10,808	13,346	16,850	19,099	21,498
80-84	8,595	8,853	9,356	11,558	14,690	16,784
85-89	5,620	6,454	6,677	7,139	8,848	11,399
90-94	2,604	3,331	3,833	4,002	4,345	5,419
95-99	815	1,082	1,417	1,667	1,772	1,967
100 & Over	184	274	382	519	644	726
Totals	392,198	407,003	421,489	434,657	445,784	454,467

Source: Population Projections for Wisconsin Counties: 2000-35 (2008). Demographic Services Center, WIDOA



Figure 4 shows population estimates for 2009 by age for Waukesha County from the U.S. Census Bureau and population projections for 2015 produced by the Wisconsin Department of Administration Demographic Services Center. Population projections indicate the growth of school age populations during this time period.



Residential Development

TABLE 6
School District Area Housing Starts
Arrowhead Union High School

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
District Area										
TOTAL	459	355	327	304	360	304	180	168	95	122
Single Family	364	307	256	293	357	300	180	154	93	63
Two Family	4	2	7	7	3	4	0	2	2	2
Multi-family	91	46	64	4	0	0	0	12	0	57
C. Delafield										
TOTAL	119	39	81	18	33	33	32	32	12	63
Single Family	38	23	17	16	33	33	32	20	12	6
Two Family	2	2	0	2	0	0	0	0	0	0
Multi-family	79	14	64	0	0	0	0	12	0	57
T. Delafield										
TOTAL	105	61	57	71	39	29	24	27	9	7
Single Family	105	61	56	66	37	25	24	25	9	7
Two Family	0	0	1	5	2	4	0	2	0	0
Multi-family	0	0	0	0	0	0	0	0	0	0
T. Lisbon										
TOTAL	54	59	58	59	46	55	32	33	25	16
Single Family	54	59	58	59	46	55	32	33	23	14
Two Family	0	0	0	0	0	0	0	0	2	2
Multi-family	0	0	0	0	0	0	0	0	0	0
T. Merton										
TOTAL	46	51	44	46	55	32	36	29	18	15
Single Family	46	51	44	46	54	32	36	29	18	15
Two Family	0	0	0	0	1	0	0	0	0	0
Multi-family	0	0	0	0	0	0	0	0	0	0
V. Chenequa										
TOTAL	4	3	2	3	4	1	2	3	2	2
Single Family	4	3	2	3	4	1	2	3	2	2
Two Family	0	0	0	0	0	0	0	0	0	0
Multi-family	0	0	0	0	0	0	0	0	0	0
V. Hartland										
TOTAL	115	106	28	34	74	71	23	15	13	9
Single Family	101	74	22	30	74	71	23	15	13	9
Two Family	2	0	6	0	0	0	0	0	0	0
Multi-family	12	32	0	4	0	0	0	0	0	0
V. Merton										
TOTAL	12	6	40	67	108	81	27	29	15	9
Single Family	12	6	40	67	108	81	27	29	15	9
Two Family	0	0	0	0	0	0	0	0	0	0
Multi-family	0	0	0	0	0	0	0	0	0	0
V. Nashotah										
TOTAL	4	30	17	6	1	2	4	0	1	1
Single Family	4	30	17	6	1	2	4	0	1	1
Two Family	0	0	0	0	0	0	0	0	0	0
Multi-family	0	0	0	0	0	0	0	0	0	0

Source: Demographic Services Center, WIDOA



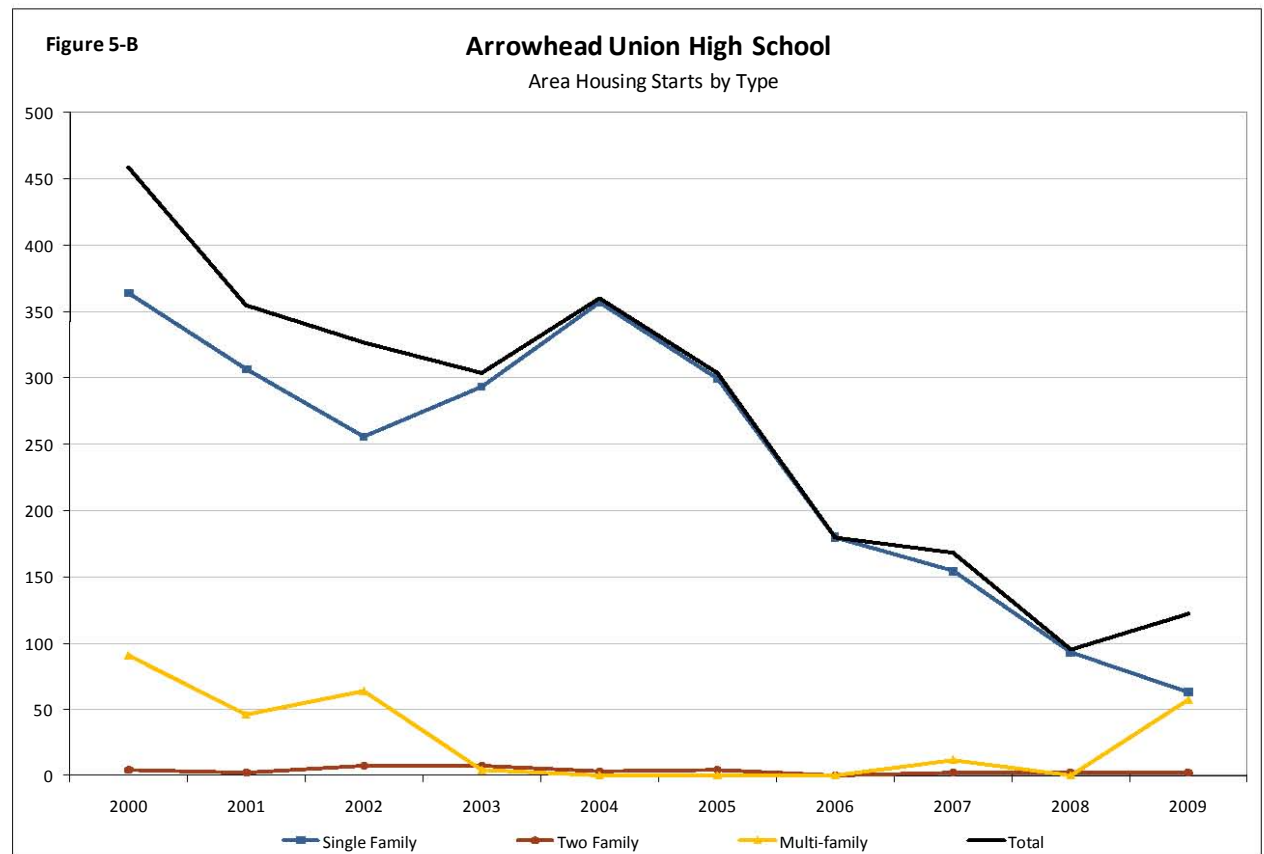
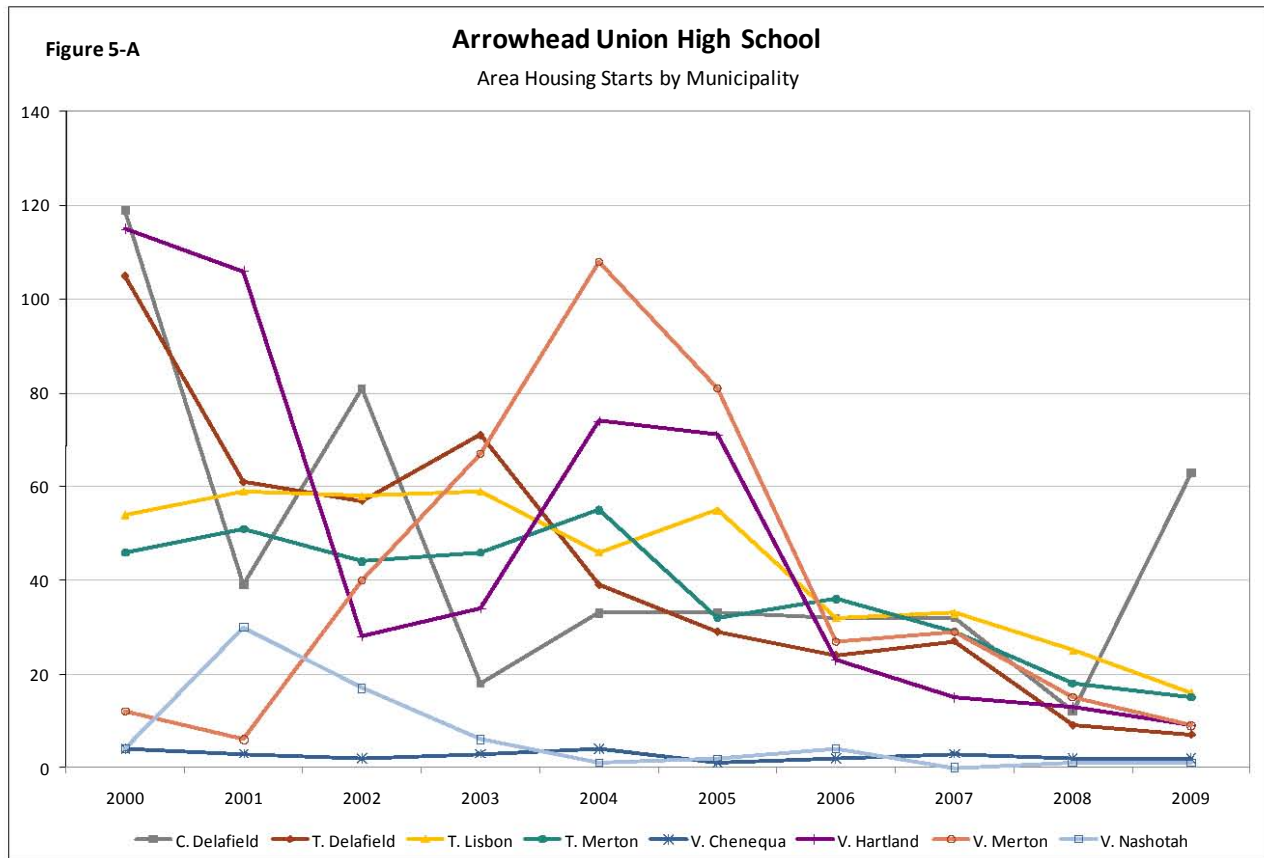
Table 6 shows the number of housing starts in the Arrowhead Union High School area. Examining trends in recent housing development can help to explain how in-migration into the Arrowhead Union High School area might be affecting school enrollment. If the number of housing starts in the district area is expected to be reasonably consistent for the next several years, then we assume that in-migration of school-age children will also remain relatively consistent. If the number of housing starts is expected to decrease significantly outside recent levels, in-migration may slow in the school district. It is important to recognize that the number of housing starts in any given year is dependent upon a large number of confounding variables (decisions of local, county, and state policy makers, residential developers, interest rates, demand for housing, etc.), making future growth patterns difficult to predict.

The district area has seen development mostly of single-family homes over the last ten years. With the exception of the smaller villages these municipalities saw a significant development of single family homes in the early 2000s. The City of Delafield and the Village of Hartland are the only locations where multi-family units were constructed. Households in single family homes, on average, contain more school-aged children than two-family and multi-family complexes. Construction of single family homes peaked in 2004 in the district area after which housing development has declined. According to RealtyTrac, 1 in 641 housing units received a foreclosure filing in September 2010 in Waukesha County.

It is also important to consider that turnover in ownership of existing housing stock also contributes to changes in enrollment. A district may increase or decrease in enrollment depending upon the cycle of resident homeowners, regardless of housing starts. For instance, a younger community will have a higher child-per-household ratio, whereas an older community will have a lower child-per-household ratio. Within a few years a turnover in ownership in an older community may result in an increase in the child-per-household number. As younger families move into the area, the school district will tend to see new students enrolling into the district's schools. Absent new housing development or housing turnover, families age in place and the number of school-aged children eventually declines. Turnover in ownership does not happen overnight, however, and slow turnover may happen for several years at varying rates.

Figure 5-A shows the number of residential building permits issued by municipality for communities that fall within the Arrowhead Union High School area. Figure 5-B shows housing starts in the area by type of housing unit.





Method

In order to generate school enrollment projections, we rely on a commonly used demographic technique called the “cohort survival” method or the “grade progression ratio” method. This method advances current students through the school system over time and applies rates of transfer (or “survival”) as the students who are now in school age from year to year and grade to grade. It is through these rates of transfer that we make assumptions about how migration into and out of the district and transfers to and from different schools will impact future enrollment.

Grade Progression Ratios

Grade progression ratios are used to measure district enrollment changes, year to year and grade to grade, that have occurred within the school district in the recent past. By examining these, we can better understand recent changes in enrollment. We use these ratios as the rates of transfer to inform future student projections.

Table 7 shows the grade progression ratios for the Arrowhead Union High School. The ratios measure the effects of in- and out-migration and the transfer of students between private and public schools. The ratios are calculated for several pairs of years and then averages of these based on different time frames are calculated for each grade.

TABLE 7
Grade Progression Ratios
Arrowhead Union High School

YEAR CHANGES	8:9	9:10	10:11	11:12
01-02/02-03	1.140	0.985	1.022	1.028
02-03/03-04	1.137	1.014	0.987	1.029
03-04/04-05	1.144	0.979	0.993	1.021
04-05/05-06	1.146	1.008	0.993	1.021
05-06/06-07	1.030	1.002	0.980	1.020
06-07/07-08	1.110	1.009	0.995	1.035
07-08/08-09	1.100	1.011	1.004	1.025
08-09/09-10	1.063	0.991	0.993	1.035
09-10/10-11	1.085	1.007	1.009	1.023
Baseline Average	1.116	1.003	0.996	1.026
5 Year Trend	1.078	1.004	0.996	1.028
2 Year "Trend"	1.074	0.999	1.001	1.029

*Shaded progression ratios are excluded from the Baseline Average



The grade progression ratios can be interpreted in the following manner. The Baseline ratio for 8:9 is 1.116. This means that in the Arrowhead Union High School, the ninth grade class is on average 1.2% larger each year than the eighth grade class was the previous year (the result of transfers from other schools and in-migration into the district). The 10:11 Baseline ratio of .996 indicates that on average, 99% of the tenth graders attend eleventh grade the following year. Outliers (ratios outside of one standard deviation of the mean) are not included in the calculation of the Baseline average ratios.

In order to examine future enrollment under different growth assumptions, we generate three sets of grade progression ratios that correspond to the different projection models shown later in this report. In addition to the Baseline ratios (averages 10 years of enrollment), we examine rates of transfer in the last 5 years and last 2 years effectively weighing enrollment change patterns from different time periods more heavily than the Baseline. Any significant deviations from the rates of in- and out-migration in the district area will have a corresponding effect on enrollment. These additional models allow us to examine alternative outcomes compared to the overall trends of the Baseline model.



School Enrollment Projections

When considering all of the projections provided in this report for decision-making, it is important to recognize that population projections of all types, including school enrollment projections, are more accurate in the immediate future than they are farther into the future. Overall, our projections are more reliable over the next five years (up to the 2015/16 school year) than they are in the latter half of the next decade. Table 8 shows the eighth grade projections by model that were used to project ninth graders.

TABLE 8
8th Grade Enrollment Projections
Arrowhead Union High School

	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
Baseline	544	529	557	540	583	566	583	505	535	519
5 Year Trend	546	528	557	538	576	558	574	489	539	524
2 Year "Trend"	539	527	556	540	572	549	561	470	489	475

Baseline Projection

The Baseline model (Table 9) projects enrollments using the assumption that average trends year to year, grade to grade, will continue into the future. This model assumes that long term trends (past ten years) in enrollment and migration will be representative of future trends in the district. Enrollment is projected to increase from 2,278 students in 2010 to 2,440 students in 2015. Over the next five years (2015-16), the Baseline model projects that enrollment will increase by 7%.

TABLE 9
Baseline Projection Model
Arrowhead Union High School

	SCHOOL YEAR									
	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
9	620	607	591	622	603	651	632	651	563	597
10	574	622	609	593	624	605	653	634	653	565
11	576	572	620	607	590	621	603	650	632	651
12	563	591	587	636	623	606	638	618	667	648
TOTAL	2,334	2,392	2,407	2,458	2,440	2,483	2,525	2,553	2,515	2,460



5 Year Trend Projection

The 5 Year Trend model (Table 10) uses the grade progression ratios from the last five years and recent birth trends to project what future enrollments would look like if more recent patterns were representative of future trends. For the 5 Year Trend, enrollment is projected to increase from 2,278 students in 2010 to 2,357 students in 2015. With recent migration rates weighted more heavily, enrollment in the Arrowhead Union High School is projected to increase by 3.5% over the next five years.

TABLE 10
5 Year Trend Projection Model
Arrowhead Union High School

GRADE	SCHOOL YEAR									
	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
9	599	589	569	601	580	621	602	619	527	581
10	574	602	591	572	603	582	624	604	621	529
11	576	572	599	589	569	601	580	621	602	619
12	564	592	588	616	605	585	617	596	638	618
TOTAL	2,313	2,354	2,347	2,377	2,357	2,389	2,423	2,440	2,388	2,347



2 Year "Trend" Projection

The 2 Year "Trend" model (Table 11) uses the progression ratios from the last two years to project what future enrollments would look like if even more recent patterns were representative of future trends. For the 2 Year "Trend," enrollment is projected to increase from 2,278 students in 2010 to 2,338 students in 2015, or a 2.6% increase.

TABLE 11
2 Year "Trend" Projection Model
Arrowhead Union High School

GRADE	SCHOOL YEAR									
	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
9	597	579	566	597	580	614	590	602	504	526
10	571	597	579	566	596	579	614	589	602	504
11	579	572	597	579	566	597	580	614	590	602
12	565	595	588	614	596	583	614	596	632	607
TOTAL	2,312	2,343	2,331	2,356	2,338	2,373	2,397	2,402	2,328	2,238



Comparison of Projection Models

Figure 6 and Table 12 compare the four enrollment projection models by total district enrollment.

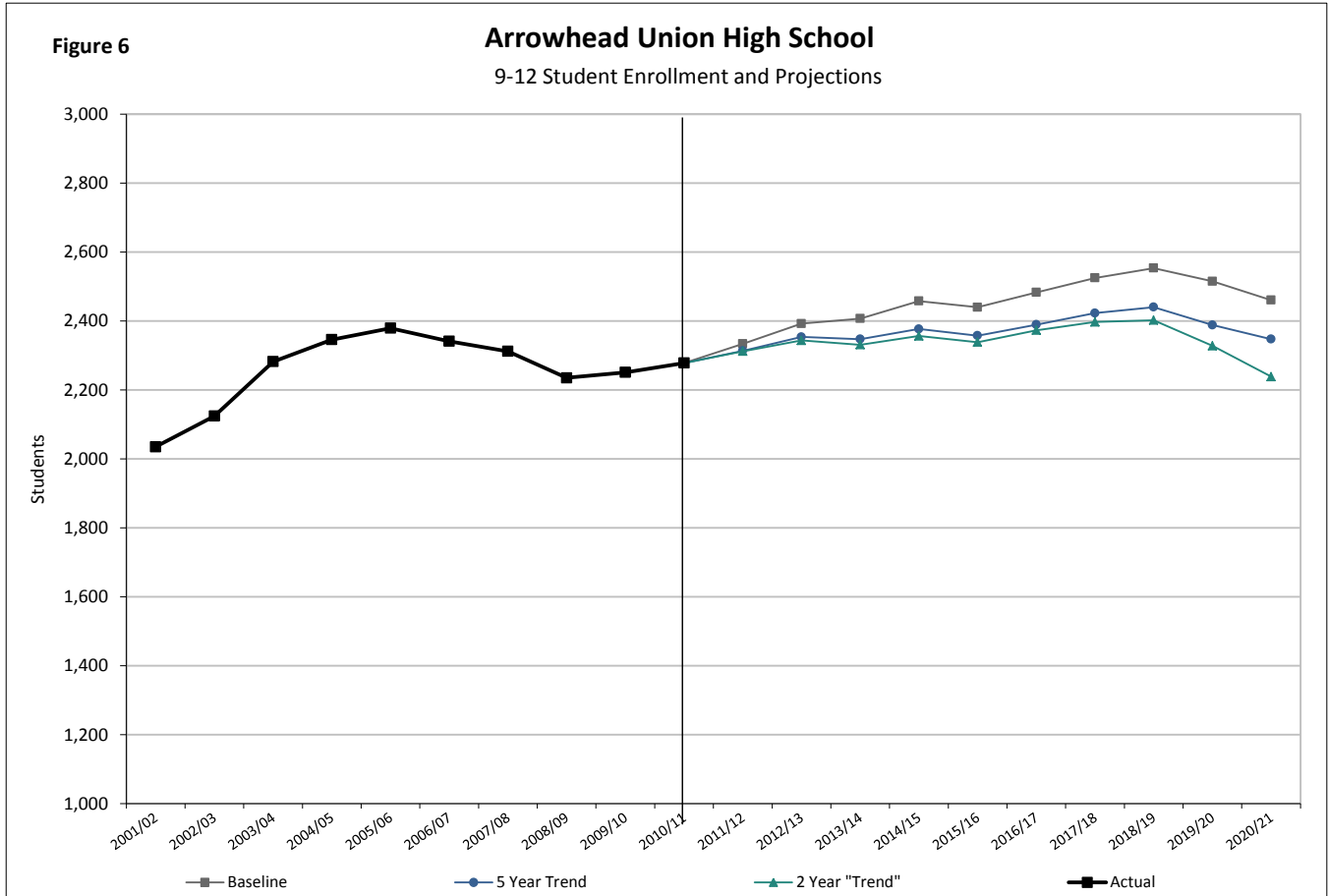


TABLE 12
Summary of 9-12 Enrollment Projections
Arrowhead Union High School

	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
Baseline	2,334	2,392	2,407	2,458	2,440	2,483	2,525	2,553	2,515	2,460
5 Year Trend	2,313	2,354	2,347	2,377	2,357	2,389	2,423	2,440	2,388	2,347
2 Year "Trend"	2,312	2,343	2,331	2,356	2,338	2,373	2,397	2,402	2,328	2,238

All models project overall increasing enrollment for the Arrowhead Union High School in the near term with decreases in enrollment beginning in 2019-2020. The Baseline model projects the greatest increase in enrollment. 9-12 enrollment projections five years from now (2015-2016) forecast a range of enrollment from 2,338 to 2,440.



Conclusions

These district-level enrollment projections are based on models that incorporate recent past and current demographic information as well as the district's own enrollment data and assumptions about future housing development in the school district area. Because most of the students in the district's schools over the next few years have already been born or are already in school, and because their grade progression from one year to another is highly predictable, the total district-level projections should be viewed as having high accuracy over the next few years. After a few years, and increasingly for the lower elementary grades, actual enrollment figures will likely deviate from these projections by ever increasing amounts. The reason for this is that birth trends, in-migration of pre-school age children, and transfers into the district are more difficult to predict and therefore this makes meaningful incorporation into enrollment projections a challenge. As with nearly all types of forecasts, accuracy in these enrollment projections decreases over time.

In sum, the demographic information provided in this school enrollment projections report points to increasing total enrollment in the Arrowhead Union High School. The Baseline Trend model projects the greatest increase in enrollment while the 2 Year Trend model projects a smaller increase in enrollment over time. It is likely that housing development will continue to slow in the coming years until the economic recession abates. However, the current students attending the feeder schools within the district will continue to bring increased enrollment in the near term.

Because the projections found in this report incorporate the consequences of migration to and from the district, any significant and sustained interruption of current or recent past migration patterns will erode these models' accuracy from the initiation point of the new pattern. The various projection models provide a realistic range of migration and transfer effects on the school district. Enrollment growth should be closely monitored for the next few years, and compared with these projections, to determine the trajectory of future growth. This type of monitoring program might help the district to determine which of the models seems to be the most realistic to use for planning purposes.



SECTION TWO

DISTRICT ULTIMATE ENROLLMENT PROJECTION

Land Use Analysis

Enrollment Projection Summary

LAND USE ANALYSIS – ENROLLMENT PROJECTION

In order to provide a basis for determining long-term capacity needs for the Arrowhead Union High School District, Eppstein Uhen Architects conducted research and land-use analysis to determine the potential ultimate enrollment for the Arrowhead Union High School District.

The following sources of information were utilized in our analysis:

- Arrowhead Union High School District Boundary Map and Enrollment Data
- Wisconsin Department of Public Instruction (WI-DPI)
 - Additional enrollment information from WDPI website
- US Census data (2000)
- Southeastern Wisconsin Regional Planning Commission (SEWRPC)
 - Regional Land Use Plan for Southeastern Wisconsin: 2035
 - Additional demographic, household and population information from SEWRPC Demographic Representatives
- Wisconsin Department of Administration (WI-DoA), Demographic Service Center
 - Wisconsin Population 2035: A Report on Projected State, County Populations and Households for the Period 2000-2035 and Municipal Populations 2000-2030 (October 2008)
 - Additional demographic, household and population information from Department of Administration website and Demographic Representatives
- Waukesha County
 - Waukesha County Comprehensive Development Plan, 2035
 - GIS website (for parcel and land-use acreage information)
 - Additional demographic, household and population information from Waukesha County Demographic Representatives

Valuable assistance and land-use maps were also obtained through correspondence with municipal representatives

- City of Delafield: City Planner
- City of Pewaukee: City Planner
- Town of Delafield: Town Planner
- Town of Lisbon: Town Planner
- Town of Merton: Town Planner
- Town of Oconomowoc: Town Planner
- Village of Chenequa: Village Administrator
- Village of Hartland: Village Administrator
- Village of Merton: Village Planner and Village Administrator
- Village of Nashotah: Village Clerk
- Village of Sussex: Assistant Village Administrator

Land Use / Enrollment Process Summary:

As indicated in the Executive Summary of this report, the district is fed by multiple municipalities. A map showing the municipalities serving the Arrowhead Union High School District is shown in Figure 1 on page 2, overlaid with the district boundary. Note that only those portions of each municipality within the Arrowhead Union High School District Boundary are shown.

In order to determine an estimate of the ultimate projected enrollment growth for the Arrowhead Union High School District, a multi-step process was implemented. The process is summarized below.

1. Determine the land-use plan in effect for each municipality which feeds the Arrowhead Union High School District.

It was determined that many of the municipalities serving the district used a different land-use plan for their communities. Therefore, it was not possible to analyze the district as a whole utilizing the same criteria.

LAND USE ANALYSIS – ENROLLMENT PROJECTION

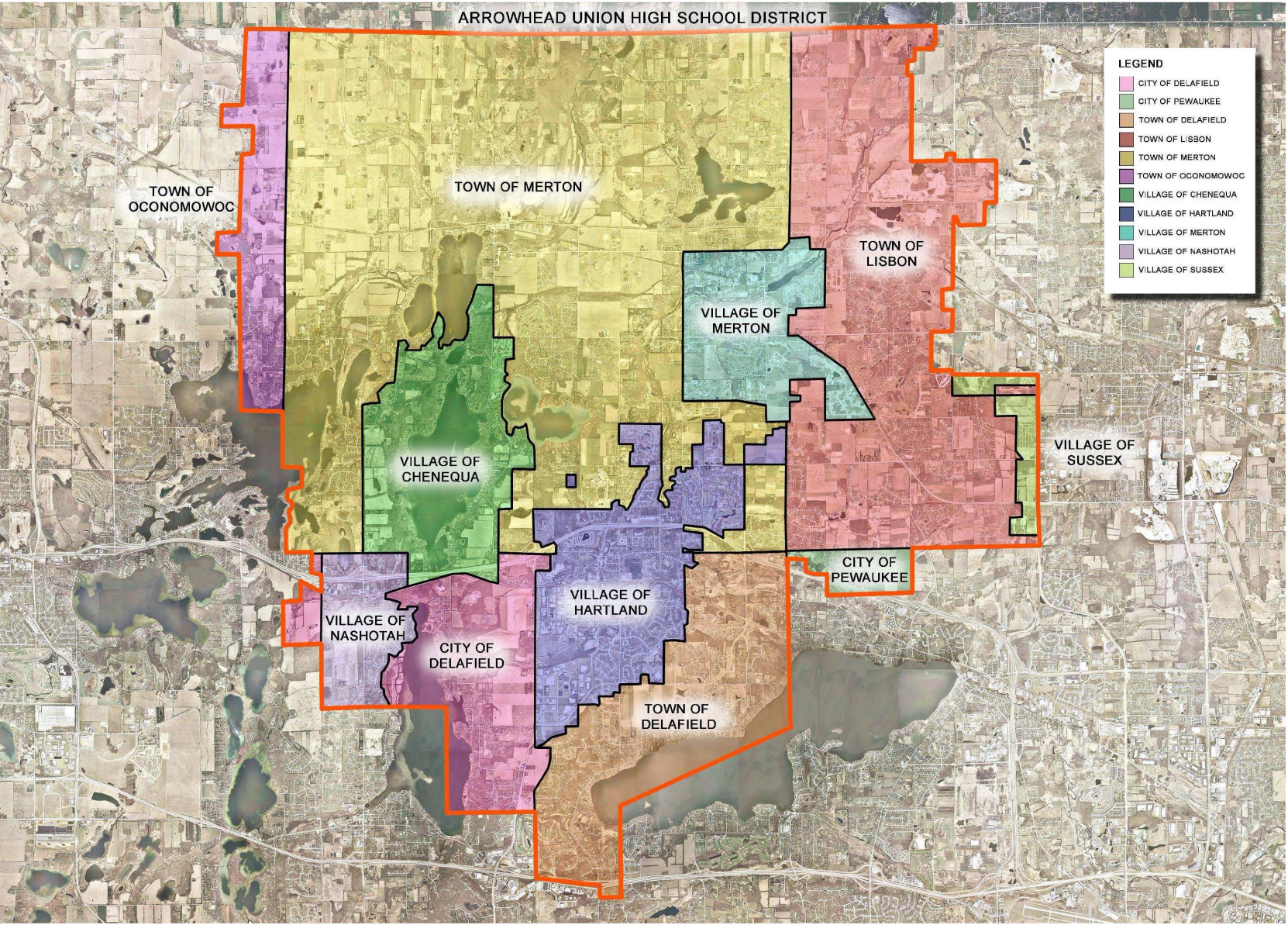


Figure 1: Arrowhead Union High School District Overlaid with Municipal Boundaries
DISTRICT ULTIMATE ENROLLMENT PROJECTION

LAND USE ANALYSIS – ENROLLMENT PROJECTION

2. Determine future land use and housing growth potential in the Arrowhead Union High School District Boundaries for each municipality.

Existing and planned land-use information was gathered for each municipality within the district for all areas which are either currently developed under a residential use, or could be developed as a residential use in the future under that municipality's current land-use plan. For each municipality, only those areas within the Arrowhead Union High School District were analyzed.

The maximum potential house growth for a municipality was then obtained by adding the potential remaining household sites in currently developed residential areas, to the potential number of households possible in the undeveloped areas.

Areas currently developed or platted for residential use:

For those areas in a municipality already developed or platted, municipal representatives assisted in determining the number of residential parcels remaining to be built.

Areas which have potential for residential development:

This represents the "buildable" area within the district. The majority of the areas which have potential for residential growth in the district are currently designated in the referenced land use plans as Residential, Rural Residential, and Other Agricultural Land. Each municipality uses similar designation for this type of land.

The type of land use and the number of acres/parcel allowed within the developable areas differ according to each municipality. The Town of Merton and Lisbon and Village of Chenequa land-use plans are relatively conservative and allow for approximately 5 acres per parcel within the Rural Residential developable area. The Town of Oconomowoc land use plan currently is the most conservative and allows approximately 35 acres per parcel within the Agricultural developable area. The remaining municipalities have only a limited area of potential residential growth and allow as little as 1/3 acre per parcel in developable areas.

The total amount of buildable area within the Arrowhead Union High School District is considerable. The definitive factors for residential development are determined by the various densities permitted by constituent municipalities, along with a significant acreage of lakes, rivers and creeks, wetlands, environmental corridors and protected agricultural land - all which have a large effect on the total amount of households that might be counted for census in the district. This is reflected in the number of potential households shown in the table in step 4 of this process.

The number of acres per household/parcel in developable areas was determined in two ways. In some of the municipalities, the number of acres per parcel were given by the municipal representatives as net acres/parcel, and assumed that roads and other features would be included in the acres/parcel. In that case, the number of parcels for a developable area was determined by dividing the number of acres by the net acres/parcel. In other municipalities, the number of acres per parcel was based on gross acres per parcel. In this case, the number of acres is multiplied by a "usability factor" to determine the net acres available. This factor used in this report was 85% based on planning staff input and confirmed by municipalities.¹ The resulting number of acres was then divided by the planned number of acres per parcel for that municipality.

¹ Eppstein Uhen Architects planning staff recommendations
DISTRICT ULTIMATE ENROLLMENT PROJECTION

LAND USE ANALYSIS – ENROLLMENT PROJECTION

3. Determine number of 9th through 12th Grade children per household in the Arrowhead Union High School District.

Two primary sources were used to determine an approximate number of children per household (9th through 12th Grade) for use in determining ultimate enrollment growth. Historical information regarding the number of households in each community is available. However, due to the fact that only portions of the municipalities serving the Arrowhead Union High School District are contained within the district boundary, this information could not be used directly. Therefore, household data available for Waukesha County, and current household information for the school district were used to determine the number of children per household.

Waukesha County Household / High School Age Population per Household Projections

Source: Wisconsin Department of Administration, Demographic Services Center, May 2008.

The following table of information shows the number of children ages 15-19 per household as projected by the Wisconsin Department of Administration Demographic Services Center in May, 2008. Note that the age range selected was the closest range available to the school age range of 14-18.

Year	Number of households	Number of children ages 15-19	Number of high school age children / household
2000	135,229	25,361	0.19
2005	143,485	28,090	0.20
2010	150,802	27,429	0.18
2015	158,529	27,309	0.17
2020	165,520	26,881	0.16
2025	171,774	27,253	0.16
2030	176,772	28,426	0.16
2035	180,553	29,372	0.16

Historic Arrowhead Union High School District School Enrollment / Number of Households

Source: SEWRPC (number of households), and AUHS (Enrollment Information)

Household calculations within the Arrowhead Union High School District were provided by SEWRPC. Historical enrollment information was obtained from the Arrowhead Union High School District.

Year	Number of households (SEWRPC)	Enrollment (AUHS)	Number of high school age children / household
2000	10,100	1,917	.19
2005	10,800	2,346	.22

The numbers above correspond closely to Waukesha County in 2000 and 2005.

LAND USE ANALYSIS – ENROLLMENT PROJECTION

Current Arrowhead Union High School District School Enrollment / Number of Current Households

Source: Waukesha County (number of households), and AUHS (Enrollment Information)

Waukesha County was able to provide an approximate number of households currently serving the Arrowhead Union High School District. This information was determined by obtaining the current number of residential parcels with improvements (over \$30,000) that are assigned to the district (as recorded by the county). Historical enrollment information was obtained from the Arrowhead Union High School District.

Year	Number of households (Waukesha County)	2008-2009 Enrollment (AUHS)	Number of high school age children / household
2009	10,888	2,235	.21

It can be seen that the number of children per household in the Arrowhead Union High School District is slightly higher in 2009 than that projected for the county in 2010. This difference may be attributable to variations in demographics within Waukesha County as a whole versus that within the district. Differences are also likely due in part to open enrollment, as well as students in the district attending private, parochial and charter choice schools.

The number of children per household projected for Waukesha County starting in the year 2020 levels off at approximately .16 high school age children per household. Based on the correlation of the multiple data sources above, it can be expected that the Arrowhead Union High School District would experience slightly higher levels of children per household than Waukesha County. **Therefore in projecting ultimate district enrollment numbers, .19 high school aged children per household was used.**

Condo/Multi-Family Short-term Growth in Arrowhead Union High School District

There are a number of short-term condo developments noted by the municipalities within Arrowhead Union High School District. The percentage of high school aged children in condo developments is lower than in single family households. Therefore, a separate number of students per household have been broken out for this short-term development designation.

Number of High School Age Children per Condo/Multi-Family Household in Arrowhead Union High School District

Source: SEWRPC

Southeastern Wisconsin Regional Planning Commission provided information obtained regarding high school aged children per multi-family households in Waukesha County based on 2000 U.S. Census information. As the Census information does not break out Condo households specifically this report utilizes the number of students per multi-family households to include condo households. The number of high school students per household in multi-family units both owner occupied and renter occupied was averaged. The following table of information shows the number of children ages 15-19 per household as provided by the 2000 U.S. Census information. Note that the age range selected was the closest range available to the school age range of 14-18.

Grade Level	Number of high school age children in Arrowhead Union High School District/ Household
9-12 (Ages 15-19)	.03

LAND USE ANALYSIS – ENROLLMENT PROJECTION

4. Determine additional 9th through 12th Grade children expected based on children per household for the Arrowhead Union High School District.

Based on the anticipated housing growth determined in previous Step 2, Eppstein Uhen Architects worked to determine the potential near term growth as well as ultimate potential enrollment growth.

To provide the district with useful information in the short and long term, enrollment growth potential was determined for two scenarios:

- a. Short-term Household Growth - between now and the year 2019
 - i. The number of households expected in this category was determined based on the number of parcels in existing or platted developments within the district that municipalities have indicated approval or likely approval. Additional developments have been identified by the municipalities as preliminary, or conceptual. These developments have not been platted or approved, but have some expectation of proceeding at some time in the next several years. While the time expected for this growth to occur is unknown, this report assumes that these areas will be built-out within the next five to ten years for graphical representation.
- b. Short-term Condo Growth - between now and the year 2019
 - i. The number of households expected in this category was determined in the same fashion as explained in the household growth above. While the time expected for this growth to occur is unknown, this report assumes that these areas will be built-out within the next five to ten years for graphical representation.
- c. Long-term Growth
 - i. The number of households expected beyond five to ten years is more difficult to predict, and therefore should be monitored periodically. Long-term growth is based on the land use analysis described in Step 2.
- d. Ultimate Growth
 - i. The total household growth (ultimate) includes both the short and long term household growth. Note Short-term Condo growth is broken down independently in the following tables to allow for a separate analysis of high school aged children per household.

Municipality	Short Term Condo Growth (now to 2019)	Short Term Household Growth (now to 2019)	Long-Term Household Growth (beyond 2019)	Total Household Growth - Ultimate
Delafield, City of	0	17	80	97
Pewaukee, City of	0	0	17	17
Delafield, Town of	22	19	107	148
Lisbon, Town of	0	185	869	1054
Merton, Town of	0	163	1194	1357
Oconomowoc, Town of	0	7	16	23
Chenequa, Village of	0	0	86	86
Hartland, Village of	96	105	62	263
Merton, Village of	0	96	370	466
Nashotah, Village of	0	7	112	119
Sussex, Village of	72	0	250	322
TOTAL	190	599	3163	3952

LAND USE ANALYSIS – ENROLLMENT PROJECTION

Short-term Household/Enrollment Growth – Now through approximately 2019

Using the projected increase in households shown in the table on the previous page, the following chart summarizes the short-term enrollment growth expected.

Projected short-term increase in households	Number of high school-age children per household	Expected Enrollment Increase
599	.17 (Based on Waukesha County)	102
599	.20 (Based on SEWRPC)	120
599	.21 (Based on District)	126
599	.19 (Selected)	114

Short-term Condo/Enrollment Growth– Now through approximately 2019

Using the projected increase in households shown in the table on the previous page, the following chart summarizes the short-term condo enrollment growth expected.

Projected short-term increase in households	Number of high school-age children per household	Expected Enrollment Increase
190	.03 (Based on SEWRPC)	6

Long-term Household/Enrollment Growth

Using the projected increase in households shown in the table on the previous page, the following chart summarizes the long-term enrollment growth expected.

Projected short-term increase in households	Number of high school-age children per household	Expected Enrollment Increase
3163	.17 (Based on Waukesha County)	538
3163	.20 (Based on SEWRPC)	633
3163	.21 (Based on District)	665
3163	.19 (Selected)	601

Ultimate Household/Enrollment Growth

Similarly the ultimate enrollment growth is summarized using the ultimate household growth projection information on the previous page including the condo growth as broken out in the tables above.

Projected increase in households (Now to ultimate build-out)	Number of high school-age children per household	Expected Ultimate Enrollment Increase
3952	Based on WI-DoA	646
3952	Based on SEWRPC	759
3952	Based on District	797
3952	Selected	721

LAND USE ANALYSIS – ENROLLMENT PROJECTION

ULTIMATE DISTRICT ENROLLMENT PROJECTION

It is evident that the actual enrollment growth in the future is not entirely predictable. If the household growth rate continued at its current pace, based on the average number of children per household, and assuming development of currently platted residential units, there could be an increase in approximately 120 students in short-term growth. Household growth beyond that generated by short-term growth will be dependent on the rate of development of the currently undeveloped land designated for possible residential development.

Note that the projections below illustrate projections based on current information obtained from each municipality at the time this report was written. Completion and adoption of many of the municipality land-use plans is currently in progress. Most municipalities will adopt their draft land-use plan by the end of 2009. Ultimate household projections will require future updating if significant changes are made to current municipality land use plans in the future.

The current enrollment in Arrowhead Union High School (as of the 2008-2009 school year) was 2,235 students.²

Given the expected short-term growth above, the projected enrollment would increase by 120 students to 2,355 students.

If all developable land was built out under current land use plans, the enrollment of the district would increase by 721 students to 2,956. However, it should be noted that this growth will occur over an extended period of time.

The following pages contain images illustrating the distribution of developable land throughout the Arrowhead Union High School District and graphs showing historical and projected enrollment growth in the district.

- a. **Figure 2: AUHSD Attendance Boundaries and Existing School Locations** (pg. 9)
This image illustrates the school attendance boundaries and existing school locations within the district boundary.
- b. **Figure 3: Projected Household Growth within AUHSD, including Municipal Boundaries** (pg. 10)
This image illustrates the relationship of projected growth to the municipal boundaries within the district boundary.
- c. **Figure 4: Projected Household Growth within AUHSD, including Attendance Boundaries** (pg. 11)
This image illustrates the relationship of projected growth to the attendance boundaries within the district boundary.
- d. **Figure 5: AUHSD Enrollment History and Projections: 2000-2060** (pg. 12)
This graph shows recent enrollment history for the Arrowhead Union High School District. It also contains projected ultimate enrollment information. **Note that the year 2060 is an arbitrary number, used for graphical purposes.** The time at which the ultimate enrollment is reached will be dependent on actual growth rates and any potential changes to land use plans.

² Arrowhead Union High School District Enrollment Data, 2009
DISTRICT ULTIMATE ENROLLMENT PROJECTION

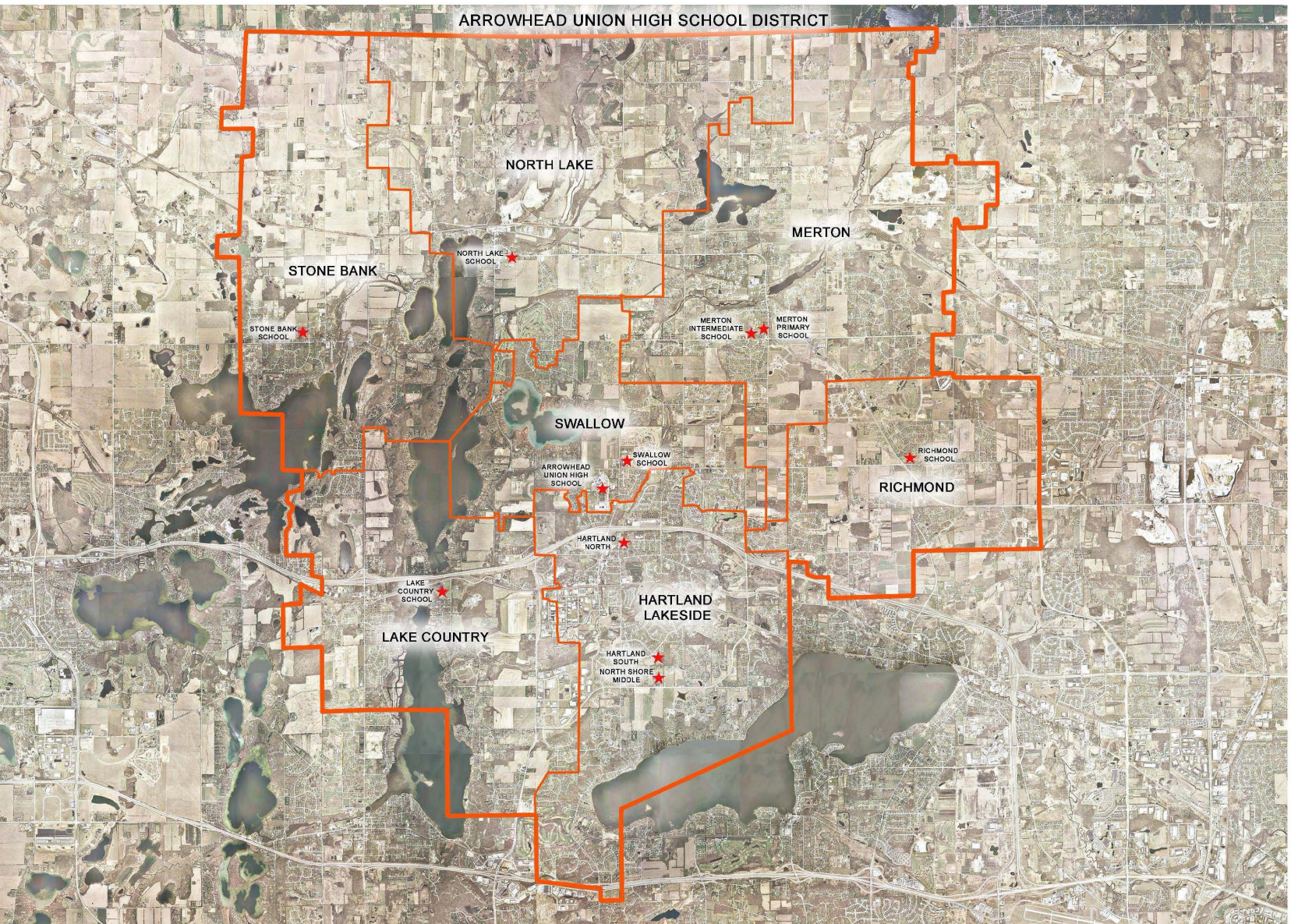


Figure 2: AUHSD Attendance Boundaries and Existing School Locations
DISTRICT ULTIMATE ENROLLMENT PROJECTION

LAND USE ANALYSIS – ENROLLMENT PROJECTION

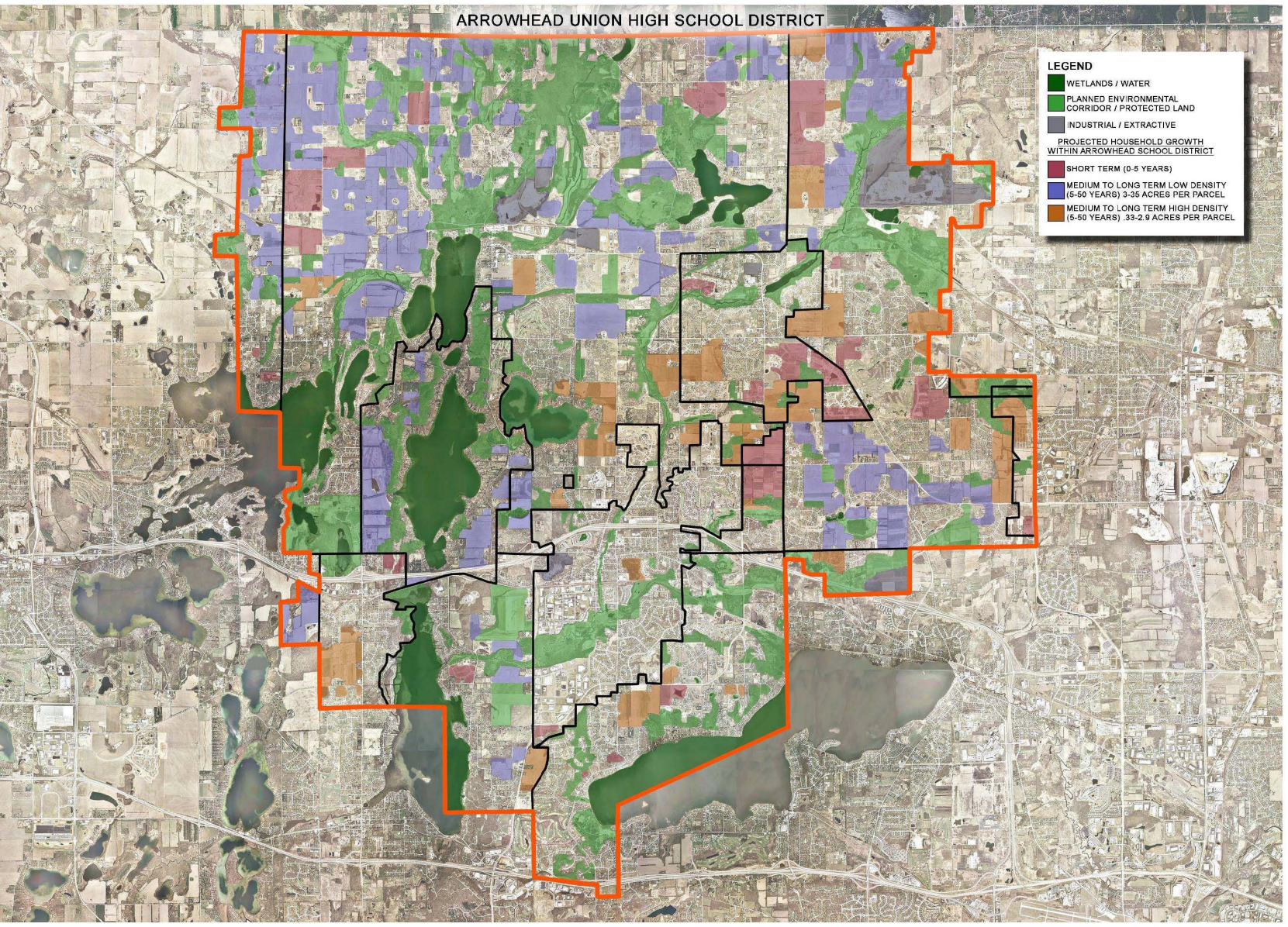


Figure 3: Projected Household Growth within AUHSD, including Municipal Boundaries
DISTRICT ULTIMATE ENROLLMENT PROJECTION

LAND USE ANALYSIS – ENROLLMENT PROJECTION

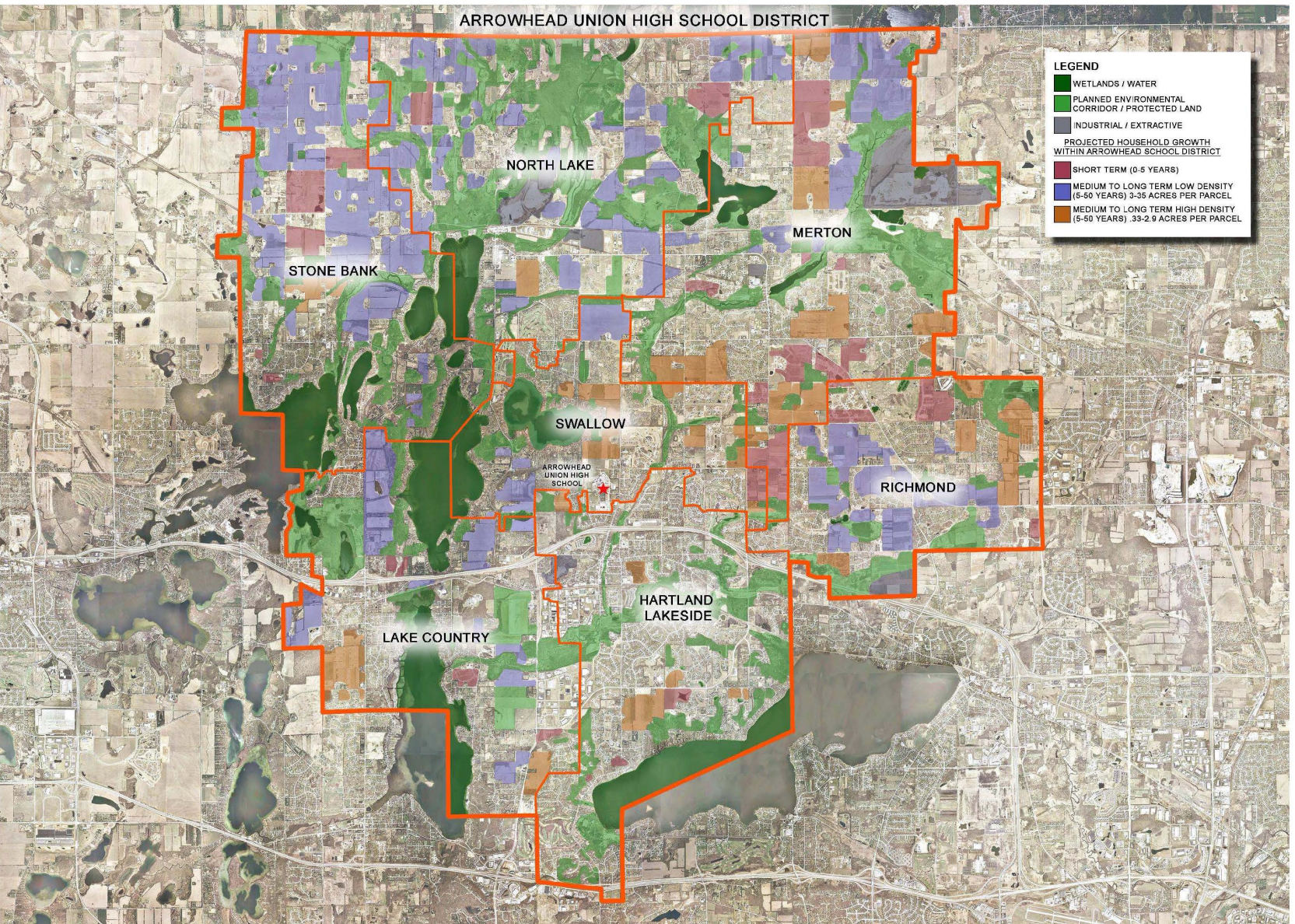


Figure 4: Projected Household Growth within AUHSD, including Attendance Boundaries
DISTRICT ULTIMATE ENROLLMENT PROJECTION

Figure 5: AUHSD Enrollment History and Projections: 2000-2060
DISTRICT ULTIMATE ENROLLMENT PROJECTION

