

## **VI. Membership Projections Summary: 2008-09 to 2013-14**

**Forecasting Methodology and Assumptions:** The principal methodology used to project the 2008-09 through 2013-14 enrollment is known as the cohort-survival technique. The basic technique involves calculating the ratio of the number of students in one grade during one year compared to the number of students who "survive" the year and enroll in the next grade in the following year. This survival rate calculation treats the student body in an aggregate fashion, using historical membership data. It is affected by such factors as school promotion, net migration and withdrawal rates. All of these factors are included in the term "survival" as it is used in this context.

Fluctuations in the data from year to year create a pattern from which an average survival rate can be calculated to project future student membership. For example, if over a period of several years an average of 96 percent of the student membership in grade 3 goes on to grade 4, and if 300 children are now enrolled in grade 3, then next year's grade 4 membership may be estimated at 96 percent of 300 or 288 students. Twelve average rates of survival are calculated for a system with thirteen grades (kindergarten is considered to be a grade). These rates can then be applied to present student membership and used to project membership levels for each succeeding year.

Projecting future kindergarten membership is more complex. Grade to grade cohort survival cannot be used, since there is no preceding grade for kindergarten. Therefore, information such as estimates of the number of children in the 1-5 year old population cohorts, the number of live births five years previously, and recent trends in kindergarten are utilized. This year's forecast for kindergarten enrollment was derived from historical kindergarten enrollment and historical births (adjusted for school year). These projections were used to determine kindergarten enrollment for the next six years. Indicators of housing and development trends were then incorporated into these projections.

Projections for individual schools are derived using the benchmark numbers realized through the cohort-survival and kindergarten projection methods. The allocation of students to each school is done by examining historical trends in

individual school membership, as well as historical and projected housing and economic trends for that area.

A good population forecast should be driven by assumptions. If the assumptions behind the forecast are considered reasonable and the methodology employed is professionally acceptable, the forecast will represent a credible attempt to estimate future School District membership levels for planning purposes. The assumptions, which were employed in developing the 2008-09 to 2013-14 membership forecasts, are described below.

The ASD projections contained in this document do not reflect the impact of any major events occurring in the next six years: construction of the natural gas pipeline, opening of ANWR for oil exploration, closure of military installations; major changes in the state's economic or political structure. It is assumed, however, that oil and mineral exploration will continue in Alaska throughout the decade, perhaps at a more rapid pace than in recent years. It is also assumed that the air cargo industry in Anchorage will continue to develop and that employment levels in these industries, as well as health and retail, will affect the School District membership.

Economic, demographic, and housing data are utilized in the formulation of long-range student membership projections. Information supplied by the State Demographer, MOA Department of Public Works, State Department of Labor (AKDOL), and the State Bureau of Vital Statistics, has been utilized in formulating the six-year student membership projections.

According to the AKDOL, the Anchorage economy has grown for the past 19 years, and projected to grow for an additional 2 years, but at a slower rate. With the growth in the economy, Anchorage residents have seen increased property valuation, increased housing supply, and low interest rates. However, with a 2007 average sales price of \$328,019 (AK MLS), home purchase has become less affordable for some and is one reason for out-migration to the Matanuska-Susitna Borough. Although Anchorage is experiencing some out-migration to Mat-Su, there has been in-migration from rural Alaskan communities resulting in a net migration of nearly 2,000 residents over 2005 (AKDOL).

Recent population projections by the State Demographer indicate that Anchorage will have a net increase of 2,628 residents from 2006 to 2010. This increase will be the result of natural increase (births minus deaths) along with a negative net migration of 712 residents. In this time period, the 0-4 age group is projected to decrease by 1,179; the 5-9 age group is projected to increase by 1,074; the 10-14 age group will decrease by 315; and the 15-19 age group will increase by 928. The State Demographer estimates that recent declines in elementary and middle school levels are the result of the aging of the “echo boom” cohort—children of the baby boomers—who are now moving into the high school and college levels.

Other demographic indicators: from 2000 to 2005 the child-rearing age cohort (20-34 year olds) increased 4.6%; from 2000 to 2005, the population of the 0 - 4 age group increased 14.2%; and the median age in Anchorage increased from 29.6 in 1990 to 32.4 in 2000. In 2005 the median age was 32.6.

Birth data from the State Bureau of Vital Statistics indicate declining birth rates for the Anchorage area. While the number of births (adjusted for school year) in Anchorage declined from 1996 to 2007 by 71 births, the kindergarten enrollment increased by 109 students. Reasons for this difference may be the in-migration of students from rural communities, and the change in kindergarten enrollment policy in 2004.

A very young age structure -- the “echo boom”-- sustained growth in the elementary grades during the late 1980’s and resulted in growth through the 1990’s and 2000’s in the secondary grades. However, the early 2000’s saw a maturing age composition. Kindergarten enrollment leveled off around 3,500, a slight reduction from the 3,800 average of the late 1990’s. For the past 4 years, the average kindergarten enrollment increased to 3,660. This trend will result in a similar leveling in the elementary membership, with a slight increase starting in 2009.

Middle level enrollment has been slightly declining since 2002-03. However, this year enrollment increased by 122 students as a result of the opening of Nicholas J. Begich Middle School which enrolled 292 6<sup>th</sup> grade students.

Middle level enrollment is projected to continue a slight decline in 2008-09 which will continue through the 6 year period.

The State Demographer estimates that the aging “echo boom” cohort is now moving into the high school and college levels. This movement can be seen in our high school enrollment, which is projected to continue at high levels, over the next 1-2 years. Then secondary enrollment is projected to decline slowly, as a result of the smaller classes coming from the elementary schools.

The military student population has increased by 7.3% over the past 5 years. The military and dependent population is expected to increase again with additional troops being based on Fort Richardson. A net gain of 500 troops is expected by November 2009, and an additional 1,000 by 2013.

Table 13 shows the Districtwide membership projections for the next six years by grade. This table reflects slight declines over the six-year period. This decline comes mostly in the secondary levels, as discussed above.

Table 14 shows the elementary projections for each geographic area. These projections follow the same structure as former years, in terms of the elementary schools assigned to each area. However, rather than calling the areas “High School Attendance Area”, this report labels them by geographic region. Prior reports have created some confusion, because of the terminology it appeared that all students from a particular elementary school would be going to a single high school. Some split boundaries do not allow for a one-to-one match from feeder schools. Since it is still useful to look at what has happened to enrollments (Table 8), and what is projected to happen to enrollments in various parts of the District, Table 14 is maintained in this report by geographic region.

Table 15 summarizes the projections for each elementary school, and includes the Program Capacity and actual enrollment for September 28, 2007. Prior CIP documents have utilized EED capacities based on square foot allowance for each student as the basis for this capacity number. Program Capacity is based on classroom utilization and makes comparison of capacities between schools a

more meaningful process. A summary of the Program and EED capacities is provided in the Appendix to this report.

Tables 16 and 17 provide the same information for middle school and high school memberships, respectively. Tables 18 and 19 summarize this information for the secondary district-wide schools, charter schools, alternative schools, and special services programs.

**Table 13****Projections Summary: 2008-2013****District Total by Grade Level**

<b>Grade Level</b>	<b>Actual 2007-08 9/28/2007</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Kindergarten</b>	3,608	3,616	3,748	3,703	3,848	3,815	3,865
<b>Grade One</b>	3,568	3,503	3,604	3,735	3,691	3,835	3,802
<b>Grade Two</b>	3,581	3,517	3,472	3,572	3,702	3,658	3,801
<b>Grade Three</b>	3,649	3,514	3,494	3,449	3,548	3,677	3,634
<b>Grade Four</b>	3,427	3,542	3,481	3,462	3,417	3,515	3,643
<b>Grade Five</b>	3,514	3,399	3,518	3,457	3,438	3,394	3,491
<b>Grade Six</b>	3,463	3,493	3,372	3,491	3,430	3,411	3,368
<b>Sub-Total 1-6</b>	21,202	20,968	20,941	21,166	21,226	21,490	21,739
<b>Sub-Total K-6</b>	24,810	24,584	24,689	24,869	25,074	25,305	25,604
<b>Grade Seven</b>	3,604	3,522	3,512	3,391	3,510	3,449	3,430
<b>Grade Eight</b>	3,698	3,597	3,444	3,434	3,315	3,432	3,372
<b>Grade Nine</b>	3,755	3,668	3,494	3,346	3,336	3,221	3,334
<b>Grade Ten</b>	3,841	3,740	3,636	3,463	3,316	3,307	3,193
<b>Grade Eleven</b>	3,635	3,668	3,552	3,453	3,289	3,149	3,141
<b>Grade Twelve</b>	3,774	3,658	3,693	3,576	3,477	3,312	3,171
<b>Sub-Total 7-8</b>	7,302	7,119	6,956	6,825	6,825	6,881	6,802
<b>Sub-Total 9-12</b>	15,005	14,734	14,375	13,838	13,418	12,989	12,839
<b>Sub-Total 7-12</b>	22,307	21,853	21,331	20,663	20,243	19,870	19,641
<b>Special Services *</b>	1,340	1,507	1,493	1,478	1,471	1,466	1,468
<b>TOTAL</b>	<b>48,457</b>	<b>47,944</b>	<b>47,513</b>	<b>47,010</b>	<b>46,788</b>	<b>46,641</b>	<b>46,713</b>
<b>By School Type</b>							
<b>Elementary</b>	24,423	24,210	24,318	24,477	24,692	24,926	25,227
<b>Middle</b>	7,202	6,992	6,839	6,736	6,728	6,776	6,700
<b>Senior High</b>	13,354	13,113	12,779	12,299	11,927	11,552	11,432
<b>Other Secondary</b>	2,138	2,122	2,084	2,020	1,970	1,921	1,886
<b>Special Services*</b>	1,340	1,507	1,493	1,478	1,471	1,466	1,468
<b>TOTAL</b>	<b>48,457</b>	<b>47,944</b>	<b>47,513</b>	<b>47,010</b>	<b>46,788</b>	<b>46,641</b>	<b>46,713</b>

\* Includes Special Programs, level 3 special ed, and Pre-elementary housed in schools

Note: Level 3 special ed students are not included in the grade levels.

**Table 14**

**Elementary Projections Summary: 2008-2013**

**Northeast Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	215	215	215	215	215	215	215
<b>Program Capacity</b>	3,841	3,841	3,841	3,841	3,841	3,841	3,841
<b>Membership</b>							
Kindergarten	528	513	534	530	548	543	549
1st Grade	525	511	517	535	533	553	545
2nd Grade	495	518	514	521	539	537	554
3rd Grade	517	479	508	503	509	531	526
4th Grade	446	503	481	508	501	510	528
5th Grade	506	431	491	471	499	490	498
6th Grade	185	209	157	218	190	194	209
	47	70	70	69	69	70	70
<b>Total</b>	3,249	3,234	3,272	3,355	3,388	3,428	3,479
<b>% Capacity</b>	85%	84%	85%	87%	88%	89%	91%
<b>Additional Capacity</b>	592	607	569	486	453	413	362

**Includes:**                      Baxter                      Muldoon                      Scenic Park  
    Chester Valley              Nunaka Valley              Susitna  
    Creekside Park              Ptarmigan                      Wonder Park

\* Does not include Base/Post Elementary Schools

**Table 14**

**Elementary Projections Summary: 2008-2013**

**Eagle River/Chugiak Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	173	173	173	173	173	173	173
<b>Program Capacity</b>	3,325	3,325	3,325	3,325	3,325	3,325	3,325
<b>Membership</b>							
Kindergarten	363	372	392	387	403	398	404
1st Grade	398	368	391	405	406	420	417
2nd Grade	433	399	373	395	417	409	431
3rd Grade	425	440	407	380	404	422	423
4th Grade	361	411	429	392	372	392	415
5th Grade	415	377	440	459	421	397	424
6th Grade	227	229	208	244	279	237	223
Level 3	29	30	30	30	29	29	29
<b>Total</b>	2,651	2,626	2,670	2,692	2,731	2,704	2,766
<b>% Capacity</b>	80%	79%	80%	81%	82%	81%	83%
<b>Additional Capacity</b>	674	699	655	633	594	621	559

**Includes:** Alpenglow                      Eagle River                      Ravenwood  
 Birchwood ABC (K-6)              Fire Lake  
 Chugiak Elem.                      Homestead

**Table 14**

**Elementary Projections Summary: 2008-2013**

**Southwest Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	221	221	221	221	221	221	221
<b>Program Capacity</b>	4,361	4,361	4,361	4,361	4,361	4,361	4,361
<b>Membership</b>							
Kindergarten	577	584	601	594	613	611	620
1st Grade	577	565	592	610	602	623	621
2nd Grade	585	561	559	588	603	594	621
3rd Grade	604	575	559	557	587	601	595
4th Grade	591	583	567	556	552	581	596
5th Grade	634	581	576	559	548	541	571
6th Grade	599	641	583	578	563	558	547
Level 3	39	36	34	33	33	34	34
<b>Total</b>	4,206	4,126	4,071	4,075	4,101	4,143	4,205
<b>% Capacity</b>	96%	95%	93%	93%	94%	95%	96%
<b>Additional Capacity</b>	155	235	290	286	260	218	156

**Includes:** Bayshore                      Kincaid                      Sand Lake  
                   Campbell                      Klatt                         Taku  
                   Chinook                      Ocean View                      Wood, Gladys

**Table 14**

**Elementary Projections Summary: 2008-2013**

**East Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	230	230	230	230	230	230	230
<b>Program Capacity</b>	4,030	4,030	4,030	4,030	4,030	4,030	4,030
<b>Membership</b>							
Kindergarten	502	504	515	507	530	527	532
1st Grade	491	497	507	520	508	531	526
2nd Grade	519	487	497	507	515	510	527
3rd Grade	514	515	492	508	516	524	513
4th Grade	497	507	523	501	520	525	531
5th Grade	493	503	514	534	512	531	535
6th Grade	506	479	481	504	522	507	520
Level 3	53	59	59	59	58	58	58
<b>Total</b>	3,575	3,551	3,588	3,640	3,681	3,713	3,742
<b>% Capacity</b>	89%	88%	89%	90%	91%	92%	93%
<b>Additional Capacity</b>	455	479	442	390	349	317	288

**Includes:** Airport Heights                      Mt. View                      Tudor  
College Gate                                      Rogers Park                      Tyson, William  
Lake Otis    Russian Jack                      Williwaw

**Table 14**

**Elementary Projections Summary: 2008-2013**

**Southeast Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	236	236	236	236	236	236	236
<b>Program Capacity</b>	4,477	4,477	4,477	4,477	4,477	4,477	4,477
<b>Membership</b>							
Kindergarten	498	498	517	510	532	524	532
1st Grade	506	486	507	526	520	540	536
2nd Grade	503	517	496	515	538	529	552
3rd Grade	544	497	522	497	517	538	535
4th Grade	566	526	493	518	493	513	537
5th Grade	545	576	534	499	523	498	519
6th Grade	565	543	574	537	498	528	499
7th Grade	13	14	14	14	14	14	14
8th Grade	18	12	10	10	10	10	10
Level 3	59	66	66	66	65	64	65
<b>Total</b>	3,817	3,735	3,733	3,692	3,710	3,758	3,799
<b>% Capacity</b>	85%	83%	83%	82%	83%	84%	85%
<b>Additional Capacity</b>	660	742	744	785	767	719	678

**Includes:** Abbott Loop                      Bowman, Willard                      Huffman                      O'Malley  
 Bear Valley                      Girdwood (K-8)                      Kasuun                      Rabbit Creek

**Table 14**

**Elementary Projections Summary: 2008-2013**

**West Area**

	Actual	Projected Enrollment					
	2007-08 9/28/2007	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Number of Classrooms</b>	223	223	223	223	223	223	223
<b>Program Capacity</b>	3,929	3,929	3,929	3,929	3,929	3,929	3,929
<b>Membership</b>							
Kindergarten	534	522	540	535	555	551	558
1st Grade	481	498	501	519	515	533	531
2nd Grade	472	456	474	478	495	490	508
3rd Grade	492	447	430	444	449	466	460
4th Grade	418	465	434	420	431	436	453
5th Grade	405	403	446	415	399	416	418
6th Grade	402	389	384	426	398	387	400
Level 3	54	59	59	58	58	57	57
<b>Total</b>	3,258	3,239	3,268	3,295	3,300	3,336	3,385
<b>% Capacity</b>	83%	82%	83%	84%	84%	85%	86%
<b>Additional Capacity</b>	671	690	661	634	629	593	544

**Includes:** Denali                      Inlet View                      Northwood  
                   Fairview                      Lake Hood                      Turnagain  
                   Government Hill                      North Star                      Willow Crest

**Table 14**

**Elementary Projections Summary: 2008-2013**

**On Base/Post Schools**

	<b>Actual</b>	<b>Projected Enrollment</b>					
	<b>2007-08</b> 9/28/2007	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Number of Classrooms</b>	109	109	109	109	109	109	109
<b>Program Capacity</b>	2,204	2,204	2,204	2,204	2,204	2,204	2,204
<b>Membership</b>							
Kindergarten	261	277	287	284	292	292	296
1st Grade	286	241	264	280	273	286	281
2nd Grade	255	275	230	252	264	262	270
3rd Grade	236	243	265	225	245	258	251
4th Grade	223	222	235	256	214	237	247
5th Grade	220	205	201	209	231	193	212
6th Grade	184	208	193	190	199	225	182
Level 3	4	4	3	3	4	3	3
<b>Total</b>	1,669	1,675	1,678	1,699	1,722	1,756	1,742
<b>% Capacity</b>	76%	76%	76%	77%	78%	80%	79%
<b>Additional Capacity</b>	535	529	526	505	482	448	462

**Includes:** Aurora  
 Mount Spurr  
 Orion  
 Ursa Major  
 Ursa Minor

**Table 14**

**Elementary Projections Summary: 2008-2013**

**Districtwide Schools**

	<b>Actual</b>	<b>Projected Enrollment</b>					
	<b>2007-08 9/28/2007</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Membership</b>							
Kindergarten	345	346	362	356	375	369	374
1st Grade	304	337	325	340	334	349	345
2nd Grade	319	304	329	316	331	327	338
3rd Grade	317	318	311	335	321	337	331
4th Grade	325	325	319	311	334	321	336
5th Grade	296	323	316	311	305	328	314
6th Grade	262	259	274	258	255	252	271
7th Grade	59	74	74	71	74	72	71
8th Grade	56	62	61	61	58	61	59
Level 3	0	0	0	0	0	0	0
<b>Total</b>	<b>2,283</b>	<b>2,348</b>	<b>2,371</b>	<b>2,359</b>	<b>2,387</b>	<b>2,416</b>	<b>2,439</b>

**Includes:** Aquarian Charter K-6  
 Chugach Opt. K-6  
 Eagle Academy K-6  
 Family Part. Charter K-6  
 Frontier Charter K-6  
 Northern Lights ABC K-8  
 Polaris K-5  
 Rilke Schule K-8  
 Winterberry Charter K-8

**Table 15****Elementary Student Population Projections by Schools  
2008-2013**

School Name	Program	Actual						
	Capacity	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Abbott Loop	453	481	479	484	480	475	479	487
Airport Heights	346	320	323	326	310	324	329	323
Alpenglow	537	502	507	528	557	557	554	572
Aquarian Charter		354	358	358	356	355	352	353
Aurora	514	390	396	394	396	396	397	397
Baxter	499	370	366	358	362	356	348	356
Bayshore	491	524	512	521	532	554	569	574
Bear Valley	491	443	418	398	374	365	364	373
Birchwood ABC	399	298	279	277	269	276	270	276
Bowman, Willard	573	434	431	439	435	444	445	452
Campbell	491	397	398	388	382	392	395	406
Chester Valley	324	222	210	214	210	227	218	236
Chinook	514	479	478	463	464	476	456	463
Chugach Opt. K-6	238	252	253	256	256	259	260	260
Chugiak Elem	537	482	471	479	455	451	450	465
College Gate	491	411	412	413	415	414	410	409
Creekside Park	469	345	347	351	357	363	357	367
Denali	448	385	385	401	398	403	404	411
Eagle Academy		167	170	172	177	184	191	196
Eagle River Elem	492	326	327	337	342	358	356	368
Fairview	420	358	348	347	349	348	349	354
Family Part. Charter K-6		175	155	153	142	145	140	143
Fire Lake	430	304	310	331	339	362	367	373
Frontier Charter		143	147	149	139	138	143	141
Girdwood K-8	169	153	111	110	106	107	104	113
Government Hill	491	428	416	420	413	414	419	424
Homestead	461	329	329	319	319	318	310	315
Huffman	449	364	364	367	350	364	367	366
Inlet View	238	192	181	183	183	183	189	190
Kasuun	492	460	445	442	448	456	459	463
Kincaid	479	464	437	425	431	426	434	445
Klatt	445	338	331	331	326	325	324	336
Lake Hood	522	429	433	427	441	434	432	440
Lake Otis	476	431	419	427	424	413	399	412
Mount Spurr	353	261	249	249	254	255	259	260
Mt. View	396	348	347	354	365	376	383	399
Muldoon	435	417	425	436	458	479	475	478
North Star	522	434	427	419	424	416	428	437
Northern Lights ABC	583	629	529	533	537	545	551	558
Northwood	396	268	257	262	255	255	256	259
Nunaka Valley	342	252	251	246	254	255	260	264
Ocean View	537	472	443	425	412	398	406	405
O'Malley	445	297	278	267	261	233	238	243
Orion	492	387	396	401	414	427	438	443

**Table 15****Elementary Student Population Projections by Schools  
2008-2013**

School Name	Program	Actual						
	Capacity	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Polaris K-5	230	206	207	217	217	222	230	234
Ptarmigan	420	459	472	502	528	536	559	576
Rabbit Creek	415	383	398	410	410	416	428	439
Ravenwood	469	410	403	399	411	409	397	397
Rilke Schule		184	220	226	237	240	246	253
Rogers Park	537	540	531	522	542	553	554	560
Russian Jack	462	360	367	384	393	402	417	420
Sand Lake	514	658	656	651	665	654	664	675
Scenic Park	491	379	377	399	409	415	428	426
Spring Hill	453	324	301	306	313	324	338	334
Susitna	484	448	441	443	443	438	450	462
Taku	422	423	421	417	413	419	432	434
Trailside	537	478	484	486	491	502	512	505
Tudor	468	404	396	398	412	422	421	429
Turnagain	446	384	410	437	463	479	484	490
Tyson, William	448	415	420	439	460	466	494	488
Ursa Major	515	348	345	341	340	350	352	340
Ursa Minor	330	283	289	293	295	294	310	302
Williwaw	406	346	336	325	319	311	306	302
Willow Crest	446	380	382	372	369	368	375	380
Winterberry		173	173	172	166	167	170	171
Wonder Park	377	357	345	323	334	319	333	314
Wood, Gladys	468	451	450	450	450	457	463	467
<b>TOTAL</b>	<b>27,218</b>	<b>24,708</b>	<b>24,372</b>	<b>24,492</b>	<b>24,651</b>	<b>24,864</b>	<b>25,097</b>	<b>25,403</b>

Note: Level 3 special ed students are included, but preschool students are not included.

**Table 16****Middle School Population Projections by Schools  
2008-2013**

<b>School Name</b>	<b>Program Capacity</b>	<b>Actual 2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Central	610	645	651	637	620	622	628	618
Goldenview	885	808	778	791	779	779	785	776
Gruening	655	595	635	632	625	623	627	621
Hanshew	783	819	807	820	804	803	809	800
Mears	757	922	903	929	910	910	917	907
Mirror Lake	915	672	669	665	671	669	670	662
Nicholas J Begich	1,058	1,184	1,055	880	874	869	874	867
Romig	828	836	798	781	765	765	772	764
Wendler	728	769	743	751	734	734	740	731
<b>TOTAL</b>	<b>7,219</b>	<b>7,250</b>	<b>7,039</b>	<b>6,886</b>	<b>6,782</b>	<b>6,774</b>	<b>6,822</b>	<b>6,746</b>

Note: Level 3 special ed students are included.

**Table 17****Senior High School Population Projections by Schools  
2008-2013**

<b>School Name</b>	<b>Program Capacity</b>	<b>Actual 2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Bartlett	2,007	1,706	1,679	1,633	1,583	1,521	1,473	1,458
Chugiak	1,792	1,362	1,305	1,266	1,224	1,193	1,160	1,147
Dimond	1,642	1,818	1,768	1,725	1,642	1,595	1,543	1,526
Eagle River	908	867	877	850	822	808	791	782
East	2,300	2,183	2,145	2,084	2,033	1,964	1,900	1,882
Service	2,218	1,886	1,848	1,814	1,722	1,687	1,633	1,618
South Anchorage	1,628	1,780	1,763	1,725	1,677	1,599	1,545	1,527
West	1,665	1,843	1,819	1,772	1,685	1,649	1,596	1,581
<b>TOTAL</b>	<b>14,160</b>	<b>13,445</b>	<b>13,204</b>	<b>12,869</b>	<b>12,388</b>	<b>12,016</b>	<b>11,641</b>	<b>11,521</b>

Note: Level 3 special ed students are included.

**Table 18****Secondary District-wide, Charter School Alternative School Projections  
2008-2013**

<b>School Name</b>	<b>Program</b>	<b>Actual</b>						
	<b>Capacity</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Benson SAVE	200	194	191	181	171	157	157	149
Benson SEARCH	92	41	75	62	59	58	59	58
Family Partnership		348	327	327	307	309	299	287
Frontier Charter		191	182	187	193	193	170	180
Highland Tech		243	242	231	225	218	201	203
Polaris (6-12)	260	266	273	284	286	287	290	287
SAVE I	240	259	246	232	217	200	200	190
Steller (7-12)	276	284	281	291	289	286	289	288
Alternatives*		312	305	289	273	262	256	244
<b>TOTAL</b>	<b>1,068</b>	<b>2,138</b>	<b>2,122</b>	<b>2,084</b>	<b>2,020</b>	<b>1,970</b>	<b>1,921</b>	<b>1,886</b>

\*Includes AVAIL, McLaughlin, High School Completion, Continuation Program, and Crossroads.

Note: Level 3 special ed students are included.

**Table 19**

**Special Services Population Projections  
2008-2013**

<b>School Name</b>	<b>Program Capacity</b>	<b>Actual 2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Mt. Iliamna Elem.	136	66	78	76	75	75	75	75
Whaley	180	115	116	123	121	121	120	120
Special Programs*		733	851	836	829	824	821	822
<b>TOTAL</b>	<b>316</b>	<b>914</b>	<b>1,045</b>	<b>1,035</b>	<b>1,025</b>	<b>1,020</b>	<b>1,016</b>	<b>1,017</b>

\* Includes ACT, ASSDHH, Booth, Charter North, DeBarr Residential, Jesse Lee, McKinley Heights, North Star Hospital, Outreach, Providence Girls, Providence Heights, and Pre-elementary housed in schools.

Note: Level 3 special ed students are included.

## **VII. Current Facilities Utilization**

**Program Capacity:** The District has made the decision to report its individual school capacities on a Program, rather than EED basis. EED calculations are based primarily on the square footage of the facility and the grade level of students attending the school (elementary or secondary). Based on these calculations, the prototypical 26-classroom school, such as Kincaid, Russian Jack, or Lake Hood, has a capacity of 536 students. The EED capacities are often quite different than the program capacities computed on a school-by-school basis, with the number of classrooms and their utilization being the determining factors. For example, the Program Capacity for Kincaid is 479, Russian Jack is 462, and Lake Hood is 522. This difference in capacities for schools that are basically identical in structure is due to the nature of the programs functioning at each of these schools, or the utilization.

**Facilities Utilization:** Administrators are aware that some programs, or special services, require space beyond the normal capacity of a classroom. Therefore, in this report, information is provided to assist the schools and administration in evaluating the actual number of students that can be housed, based on classroom utilization. Part of this information is summarized in tables 20-22, which lists information on each school related to number of classrooms, square footage, and relocatable units in use. In Appendix A, in addition to a detailed projection for each school, there is information on the number and types of special programs and special space requirements for each school, as provided by staff of the individual units.

**Schools Projected at Greater Than 120 Percent of Capacity:** Table 23 lists the projected enrollment of all schools, for the next 6 years, as a percentage of capacity. Those schools at which the projected enrollment is greater than 120 percent for at least one of the six years projected are highlighted in bold print.

**Table 20****Elementary Facility Utilization**

School	Gross Square Footage*	Site Size (Acres)	Number of Classrooms	Program Capacity	Membership 9/28/07	Current Number of Portables	Number of ASD Transported Students
Abbott Loop	58,341	9	26	453	481	2	116
Airport Heights	39,450	8	20	346	320	3	149
Alpenglow	60,219	23	26	537	503	0	0
Aurora	54,717	10	25	514	390	0	148
Baxter	62,076	9	26	499	371	0	100
Bayshore	58,649	8	25	491	528	3	158
Bear Valley	50,160	18	24	491	443	2	311
Birchwood ABC K-8	48,276	11	23	399	298	0	128
Bowman, Willard	66,367	20	31	573	470	1	217
Campbell	61,438	7	25	491	399	0	133
Chester Valley	39,583	8	19	324	251	2	44
Chinook	57,314	9	26	514	479	3	163
Chugach Optional	40,661	3	11	238	252	0	0
Chugiak Elem.	61,468	26	26	537	483	0	177
College Gate	60,034	7	26	491	411	0	150
Creekside Park	59,825	9	24	469	360	1	78
Denali	62,915	5	26	448	385	0	16
Eagle River Elem.	58,086	8	26	492	353	0	226
Fairview	64,312	4	27	420	359	0	143
Fire Lake	50,160	18	23	430	304	0	218
Girdwood K-8	25,110	27	9	169	153	0	82
Government Hill	58,401	10	26	491	428	0	1
Homestead	51,965	11	25	461	329	0	87
Huffman	60,610	10	23	449	383	0	229
Inlet View	32,470	7	13	238	193	2	56
Kasuun	61,599	15	26	492	482	1	143
Kincaid	61,599	40	26	479	467	2	220
Klatt	50,160	10	24	445	339	0	269
Lake Hood	61,599	15	26	522	439	0	24
Lake Otis	57,897	10	26	476	432	0	243
Mount Spurr	41,173	6	18	262	261	0	83
Mountain View	58,158	10	27	396	357	1	16
Muldoon	61,599	10	26	435	417	0	4
North Star	75,674	10	31	522	437	2	217
Northern Lights ABC	61,599	10	26	583	629	0	0
Northwood	61,115	7	24	396	296	2	162
Nunaka Valley	44,100	7	19	342	288	0	83
Ocean View	59,736	9	26	537	472	2	163
O'Malley	50,253	10	24	445	299	0	65
Orion	63,880	7	24	492	405	0	138
Polaris K-5**			0	230	206	0	0
Ptarmigan	53,238	10	26	420	464	2	73
Rabbit Creek	53,633	9	24	415	384	0	75
Ravenwood	50,160	15	24	469	426	0	196
Rogers Park	55,403	11	27	537	542	3	186

**Table 20****Elementary Facility Utilization**

School	Gross Square Footage*	Site Size (Acres)	Number of Classrooms	Program Capacity	Membership 9/28/07	Current Number of Portables	Number of ASD Transported Students
Russian Jack	61,599	19	26	462	360	3	69
Sand Lake	56,153	10	25	514	660	5	85
Scenic Park	50,912	9	24	491	379	2	205
Spring Hill	50,160	15	23	453	324	0	281
Susitna	55,023	15	25	484	448	2	301
Taku	53,270	9	20	422	423	2	230
Trailside	61,599	15	26	537	478	0	233
Tudor	56,757	10	26	468	404	3	165
Turnagain	54,000	9	24	446	402	2	59
Tyson, William	61,599	15	26	448	415	0	31
Ursa Major	59,477	3	26	515	365	0	17
Ursa Minor	41,945	2	16	330	283	0	0
Williwaw	56,500	14	26	406	355	4	19
Willow Crest	54,304	10	26	446	382	2	172
Wonder Park	52,638	9	26	377	357	3	6
Wood, Gladys	47,777	9	24	468	452	2	124
<b>Elementary Totals</b>	<b>3,298,895</b>	<b>679</b>	<b>1,444</b>	<b>27,127</b>	<b>23,855</b>	<b>64</b>	<b>7,487</b>

\*Does not include adjustments for expiring program variances.

\*\*Facility data included in secondary utilization.

Note: Membership includes preschool and level 3 special ed students. Charter schools are not included.

**Table 21****Secondary Facility Utilization**

School	Gross Square Footage*	Site Size (Acres)	Number of Classrooms	Program Capacity	Membership 9/28/07	Current Number of Portables	Number of ASD Transported Students
Bartlett	322,516	118	92	2,007	1,706	10	963
Central	95,837	16	34	610	645	1	442
Chugiak High	289,309	26	81	1,792	1,362	1	566
Dimond	242,440	57	76	1,642	1,818	9	411
Eagle River High	182,752	50	42	908	867	0	470
East	342,568	36	105	2,300	2,183	0	762
Goldenview	159,209	30	48	885	808	0	670
Gruening	124,862	20	36	655	595	0	481
Hanshew	150,085	30	45	783	819	6	613
Mears	150,506	30	43	757	922	9	570
Mirror Lake 6-8	158,630	30	49	915	672	0	454
Nicholas J Begich	174,612	31	47	1,058	1,184	0	655
Romig	125,614	15	47	828	836	5	582
Service	295,441	58	101	2,218	1,886	1	562
South	253,068	50	74	1,628	1,780	0	578
Wendler	120,181	17	42	728	769	10	624
West	323,311	35	77	1,665	1,843	9	539
<b>Secondary Totals</b>	<b>3,510,941</b>	<b>649</b>	<b>1,039</b>	<b>21,379</b>	<b>20,695</b>	<b>61</b>	<b>9,942</b>

\*Does not include adjustments for expiring program variances.

Note: Membership includes level 3 special ed students. Charter schools are not included.

**Table 22****Special Service Facility Utilization**

School	Gross Square Footage*	Site Size (Acres)	Number of Classrooms	Program Capacity	Membership 9/28/07
Benson/Search	27,275	14	15	292	235
King Career * <sup>2</sup>	133,669	0	0	0	0
Mt. Iliamna	30,383	7	15	136	66
Polaris 6-12 * <sup>1</sup>	75,264	5	24	260	266
Save I	18,580		7	240	259
Steller	45,910	9	12	276	284
Whaley K-12 * <sup>1</sup>	52,188	5	20	180	115
<b>Totals</b>	<b>383,269</b>	<b>40</b>	<b>93</b>	<b>1,384</b>	<b>1,225</b>

\*Does not include adjustments for expiring program variances.

\*<sup>1</sup> All classrooms reported on secondary utilization.

\*<sup>2</sup> Student enrollment is reported in individual high schools.

Note: Membership includes level 3 special ed students.

Table 23

## Percentage Capacity- 2007-08 to 2013-14

School Name	Actual			Projected			
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Abbott Loop	106%	106%	107%	106%	105%	106%	108%
Airport Heights	92%	93%	94%	90%	94%	95%	93%
Alpenglow	93%	94%	98%	104%	104%	103%	107%
Aurora	76%	77%	77%	77%	77%	77%	77%
Bartlett	85%	84%	81%	79%	76%	73%	73%
Baxter	74%	73%	72%	73%	71%	70%	71%
Bayshore	107%	104%	106%	108%	113%	116%	117%
Bear Valley	90%	85%	81%	76%	74%	74%	76%
Benson SAVE	97%	96%	91%	86%	79%	79%	75%
Benson SEARCH	45%	82%	67%	64%	63%	64%	63%
Birchwood ABC K-8	75%	70%	69%	67%	69%	68%	69%
Bowman, Willard	76%	75%	77%	76%	77%	78%	79%
Campbell	81%	81%	79%	78%	80%	80%	83%
Central	106%	107%	104%	102%	102%	103%	101%
Chester Valley	69%	65%	66%	65%	70%	67%	73%
Chinook	93%	93%	90%	90%	93%	89%	90%
Chugach Opt	106%	106%	108%	108%	109%	109%	109%
Chugiak Elem	90%	88%	89%	85%	84%	84%	87%
Chugiak High	76%	73%	71%	68%	67%	65%	64%
College Gate	84%	84%	84%	85%	84%	84%	83%
Creekside Park	74%	74%	75%	76%	77%	76%	78%
Denali	86%	86%	90%	89%	90%	90%	92%
Dimond	111%	108%	105%	100%	97%	94%	93%
Eagle River Elem	66%	66%	68%	70%	73%	72%	75%
Eagle River High	95%	97%	94%	91%	89%	87%	86%
East	95%	93%	91%	88%	85%	83%	82%
Fairview	85%	83%	83%	83%	83%	83%	84%
Fire Lake	71%	72%	77%	79%	84%	85%	87%
Girdwood K-8	91%	66%	65%	63%	63%	62%	67%
Goldenview	91%	88%	89%	88%	88%	89%	88%
Government Hill	87%	85%	86%	84%	84%	85%	86%
Gruening	91%	97%	96%	95%	95%	96%	95%
Hanshaw	105%	103%	105%	103%	103%	103%	102%
Homestead	71%	71%	69%	69%	69%	67%	68%
Huffman	81%	81%	82%	78%	81%	82%	82%
Inlet View	81%	76%	77%	77%	77%	79%	80%
Kasuun	93%	90%	90%	91%	93%	93%	94%
Kincaid	97%	91%	89%	90%	89%	91%	93%
Klatt	76%	74%	74%	73%	73%	73%	76%
Lake Hood	82%	83%	82%	84%	83%	83%	84%
Lake Otis	91%	88%	90%	89%	87%	84%	87%
Mears	<b>122%</b>	119%	<b>123%</b>	<b>120%</b>	<b>120%</b>	<b>121%</b>	<b>120%</b>
Mirror Lake	73%	73%	73%	73%	73%	73%	72%
Mount Spurr	74%	71%	71%	72%	72%	73%	74%
Mountain View	88%	88%	89%	92%	95%	97%	101%
Muldoon	96%	98%	100%	105%	110%	109%	110%
Nicholas J Begich	112%	100%	83%	83%	82%	83%	82%
North Star	83%	82%	80%	81%	80%	82%	84%

Table 23

## Percentage Capacity- 2007-08 to 2013-14

School Name	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Northern Lights ABC	108%	91%	91%	92%	93%	95%	96%
Northwood	68%	65%	66%	64%	64%	65%	65%
Nunaka Valley	74%	73%	72%	74%	75%	76%	77%
Ocean View	88%	82%	79%	77%	74%	76%	75%
O'Malley	67%	62%	60%	59%	52%	53%	55%
Orion	79%	80%	82%	84%	87%	89%	90%
Polaris (6-12)	102%	105%	109%	110%	110%	112%	110%
Polaris K-5	90%	90%	94%	94%	97%	100%	102%
Ptarmigan	109%	112%	<b>120%</b>	<b>126%</b>	<b>128%</b>	<b>133%</b>	<b>137%</b>
Rabbit Creek	92%	96%	99%	99%	100%	103%	106%
Ravenwood	87%	86%	85%	88%	87%	85%	85%
Rogers Park	101%	99%	97%	101%	103%	103%	104%
Romig	101%	96%	94%	92%	92%	93%	92%
Russian Jack	78%	79%	83%	85%	87%	90%	91%
Sand Lake	<b>128%</b>	<b>128%</b>	<b>127%</b>	<b>129%</b>	<b>127%</b>	<b>129%</b>	<b>131%</b>
SAVE I	108%	103%	97%	90%	83%	83%	79%
Scenic Park	77%	77%	81%	83%	85%	87%	87%
Service	85%	83%	82%	78%	76%	74%	73%
South Anchorage	109%	108%	106%	103%	98%	95%	94%
Spring Hill	72%	66%	68%	69%	72%	75%	74%
Steller (7-12)	103%	102%	105%	105%	104%	105%	104%
Susitna	93%	91%	92%	92%	90%	93%	95%
Taku	100%	100%	99%	98%	99%	102%	103%
Trailside	89%	90%	91%	91%	93%	95%	94%
Tudor	86%	85%	85%	88%	90%	90%	92%
Turnagain	86%	92%	98%	104%	107%	109%	110%
Tyson, William	93%	94%	98%	103%	104%	110%	109%
Ursa Major	68%	67%	66%	66%	68%	68%	66%
Ursa Minor	86%	88%	89%	89%	89%	94%	92%
Wendler	106%	102%	103%	101%	101%	102%	100%
West	111%	109%	106%	101%	99%	96%	95%
Williwaw	85%	83%	80%	79%	77%	75%	74%
Willow Crest	85%	86%	83%	83%	83%	84%	85%
Wonder Park	95%	92%	86%	89%	85%	88%	83%
Wood, Gladys	96%	96%	96%	96%	98%	99%	100%

Note: 1) Percentages calculated using membership that included level 3 special ed students, but not preschool students.

2) Charter schools are not included.

3) Percentage of Capacity calculated using 2007-08 program capacity.