

K-12 Education Caseload Forecasts

Year in Review

FISCAL YEAR 2008: JULY 2007 THROUGH JUNE 2008



STATE OF WASHINGTON • CASELOAD FORECAST COUNCIL

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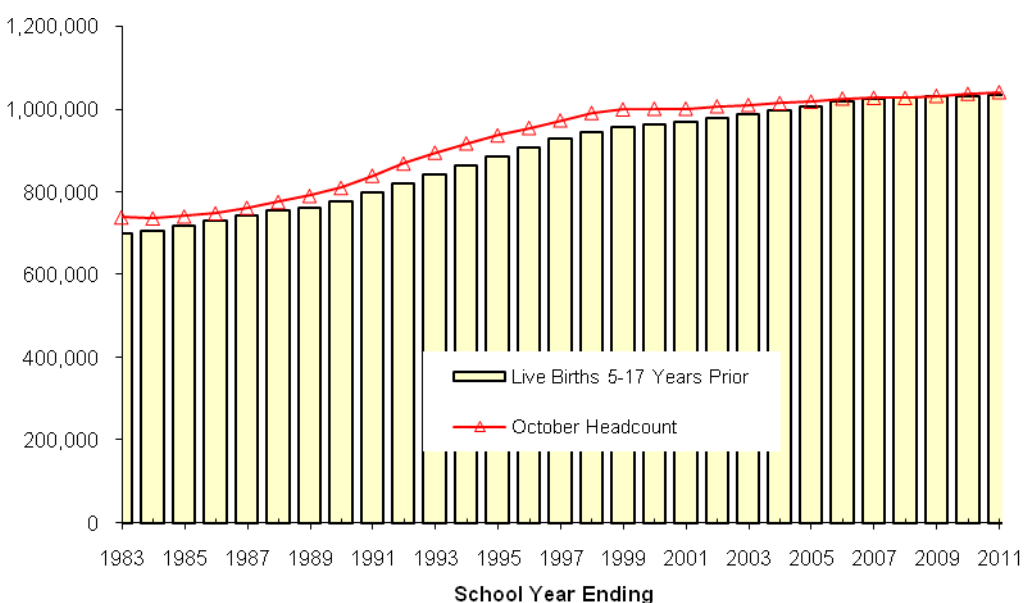
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K-12 FORECAST OVERVIEW

The Caseload Forecast Council uses current enrollment, annual births, and assumptions about net migration and public school crossover to forecast K-12 enrollment. Kindergarten enrollment is forecast from annual births five years earlier, adjusted for migration and crossover; grade 1-12 enrollments are forecast from current K-11 enrollment, adjusted for forecasted migration and crossover.^{1,2}

The importance of factoring in migration and crossover in addition to prior births or current enrollment³ should be clear. Prior births will accurately predict enrollment only when the effects of migration and crossover balance out. For example, while annual births closely paralleled headcount enrollment from 1997 to 2001 when migration balanced crossover, births underestimated K-12 enrollment during the period of high migration from 1983 to 1996 (Figure 1). Since 1996, the percent of children age 5-17 attending public school has increased, reducing the gap between population age 5-17 and public school enrollment. Clearly any forecast model intended to provide the level of precision necessary for effective budgeting must account for the impacts of migration and crossover as well as changing numbers of births.

Figure 1. Live Births and K-12 Enrollment



FORECAST METHOD

The natural process by which public school enrollment changes begins with each new annual birth cohort. Five years later, this new birth cohort enters kindergarten, plus or minus the net effects of five years of migration and crossover. For the next thirteen years, this birth cohort progresses through the K-12 system, growing or shrinking each year depending on the net effects

¹ "Crossover" refers to the transfer of student between private and public school.

² Alternatives include private schools, home schooling, "dropping out," moving out of state, and death.

³ Current enrollment may be viewed conceptually as a birth cohort, adjusted for cumulative net migration and crossover.

of migration, deaths, drop-outs and crossover. The total K-12 enrollment reflects the thirteen consecutive birth cohorts comprising the K-12 caseload, along with the cumulative net impact of migration and crossover on each of those cohorts.

The CFC K-12 forecast models this natural process, developing year-to-year and month-to-month cohort change rate models to forecast enrollment in each grade. Both the annual and month-to-month cohort change rates incorporate migration and crossover assumptions. Annual cohort change ratios⁴ are used to forecast the October headcount from the prior October headcount. Forecasted October headcounts are then converted to forecasted October FTEs based on forecasted FTE/HC ratios.⁵ Finally, forecasted October FTEs are annualized based on forecasted month-to-month cohort change ratios.

The forecast method thus requires development of three distinct sets of grade specific assumptions or forecast parameters:

1. October to October HC change ratios.
2. October FTE/HC conversion ratios.
3. Month-to-month FTE change ratios.

Each set of forecast assumptions is based on statistical analysis of historical trends in the forecast parameters. Where appropriate, more complicated time series models that incorporate the impact of independent variables such as employment rate are developed to set the forecast parameters.

BIRTHS

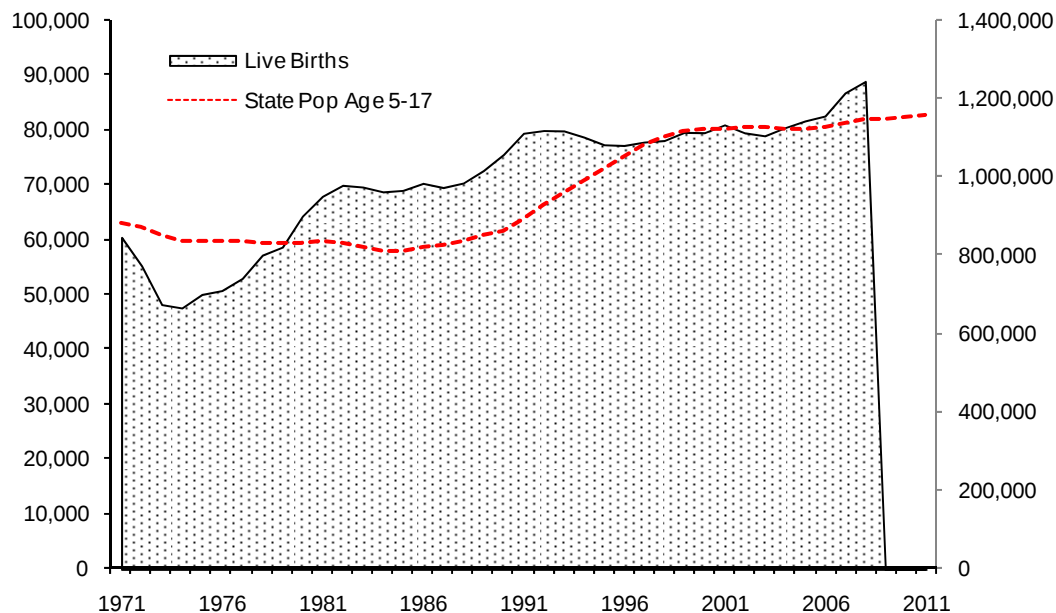
The first factor affecting enrollment is annual births. Children born in Washington State account for over 90 percent of the students enrolled in public schools and state birth levels are the dominant demographic factor driving long term enrollment change. But with thirteen birth cohorts in the K-12 system at any one time, the effect of changes in annual births is delayed and dampened. The initial impact of changing birth patterns is delayed by the five year interlude between birth and school enrollment. The net impact of a single new birth cohort entering the system is also dampened or diluted by the other 12 birth cohorts in the school system. A new cohort's net impact is determined not by its size relative to its immediate predecessor, but by its size relative to the exiting 12th grade cohort. An entering cohort may in fact be larger than its predecessor, but total K-12 enrollment may actually decline, if it replaces an even larger 12th grade cohort born 12 years earlier.

As a result of this delay and dampening, changes in the school age population 5-17 years old tend to be more gradual than year to year changes in annual births (Figure 2). For example, although annual births began an extended period of increase in 1974, the impact on total K-12 school enrollment was delayed and dampened, not increasing until ten years later in 1984 when the 1974 birth cohort was entering 4th grade. The effect of delay and dampening is to smooth out the enrollment impact of short term and cyclical variations in annual births. Thus while change in annual births reversed direction eight times from 1970 to 2003, change in K-12 enrollment only changed direction once (1984).

⁴ For example, if as a result of migration and crossover year 2000 3rd grade enrollment increased from 1,000 to 2001 4th grade enrollment of 1,150, the 2001 4th grade annual cohort change rate would be 1,150/1,000 or 1.150.

⁵ The grade specific FTE/HC ratio may change over time. For example, the growth of full-time kindergarten is increasing the grade K FTE/HC ratio.

Figure 2. Comparison of Live Births and K-12 Public Enrollment



MIGRATION

The second factor affecting enrollment is migration. The majority of enrollment growth in Washington since 1990 has been fueled by net migration into the state. Net migration is driven by short term economics and geo-political events. Since net migration is impacted by illegal as well as legal immigration, factors such as changes in border enforcement (or perceived changes) will also impact net migration. Unlike changes in annual births, changes in net migration can have an immediate and dramatic impact on enrollment.

Economic cycles impact K-12 enrollment through changes in net migration. Young parents with primary school age children are among the first to feel the “pull” and “push” of regional differences in economic opportunity. Young parents have the least invested in an area and the least job security, and as a consequence, they are usually the most willing to relocate for greater economic opportunity or to escape a stalling local economy. Washington’s economy, relative to other states in the region, tends to have the greatest impact on net migration. Families are most likely to move to Washington when its economy is relatively stronger than the economies of neighboring states; they are most likely to leave Washington when neighboring economies are stronger than the Washington’s.

More recently, net migration has also become a function of the geo-political environment. Over half of all migration into Washington is from outside the U.S. Political instability or economic disruption in other countries can lead to an influx of immigrants, while fear of terrorism can close borders and limit international migration to the state. These types of influences on

migration tend to be unpredictable and to that extent add a significant amount of unexplained error to any forecast.

Actions by large organizations/institutions can also dramatically impact net migration. Business decisions by large Washington employers such as Boeing and Microsoft can bring workers into the state or send them to other parts of the country. Similarly, troop deployment decisions by the military, and the corresponding impact on military dependents, can have a dramatic impact on Washington public school enrollments.

Finally, changes in migration patterns can impact enrollment at three different points in time:

- An immediate impact as school age immigrants enter school.
- A delayed impact as pre-school age immigrants enter public school up to four years after entering the state.
- A longer-range impact as young immigrant families have children of their own who eventually enter school.

CROSSOVER

The third major factor affecting enrollments is crossover to and from alternatives to public education. Private schools provide the primary alternative to public education, but other alternatives include home schooling, dropping out and even death. Students not only “migrate” from the state, but they may leave public education for private school, home schooling or employment. Like migration to another state, crossover subtracts from the expected public school enrollment based on prior births. These alternatives impact the public school caseload by altering the public school “market share” of the total school age birth cohort.

Enrollment in alternatives to traditional public schools such as private schools or home schooling are driven both by long term shifts in the educational preferences of the public and by changes in educational policy. From 1998 to 2000, public school “market share” (Table 4) declined steadily from 93.2 percent to 91.3 percent, as private schools and home schooling captured an increasing market share at the expense of the public schools. From 2000 to 2004, in contrast, public schools increased their market share from 91.3 percent to 92.0 percent. By 2006, market share had slipped back to 91.6 percent. While the change was small in percentage terms, each change of 1 percent in market share equates to over 10,000 students.

Crossover is also impacted by short term changes in the economy. A strong economy takes students out of public school by increasing crossover to private school. An economic downturn can shift enrollment to public schools either when family economics forces a non-working spouse who is providing home schooling to seek employment or when the family can no longer afford the added expense of private school education. Parents likely resist the difficult decision to change schooling until the family’s economic situation erodes to a point where the decision can no longer be avoided. The relation between economics and crossover is probably characterized as series of steps or “tipping” points rather than a simple linear or curvilinear function. By and large, economic growth tends to increase crossover from public school to alternatives and thereby reduces public school enrollment.

Whether driven by education preferences or economics, even “small” percentage changes in market share correspond to large numbers of children moving among educational alternatives.

For example, had the public schools not lost “market share,” that is had the proportion of students in private school and home schooling stayed at 1990 levels, over 18,600 more students would have been enrolled in public school in October 2000.⁶ The shift in market share, although small in percentage terms, reflects large enrollment shifts and drives large budget numbers.

NET COHORT CHANGE: MIGRATION AND CROSSOVER

As we have seen, economic growth impacts public school enrollment indirectly through migration and crossover, the two main components of net cohort change. The nature of the relationship is complex and often contradictory. Economic growth increases enrollment by stimulating net migration; it decreases enrollment by stimulating crossover to alternatives to public education.

Unfortunately, the lack of individual student level enrollment data makes it impossible to separate out the net effects of migration and crossover. For example, positive net cohort change may reflect gains from both net migration and crossover; it may also reflect gain from one and loss from the other, depending on the relative sizes and direction of the components.

The accuracy of the K-12 forecast hinges on the ability to predict migration and crossover. Prediction models based on forecasts of economic growth make intuitive sense and do explain some of the variation in net cohort change. The inability to separate out the effects of migration and crossover, along with the difference in direction and form of the two relationships, make this part of the forecast model challenging.

K12 CASELOAD COMPONENTS

The CFC forecasts three K12 caseloads. The largest is the K12 Basic Education caseload.

- The Basic K12 caseload includes all students enrolled in grades K through 12 as well as students receiving ancillary services from or funded through the public schools. These include students in summer school, private and home schooled children receiving public school services (e.g., taking an art class), students in the University of Washington Transition program and high school juniors and seniors taking community college classes through the Running Start program. The Basic Education caseload is forecast as an average nine month (Sep-May) full time equivalent⁷ (FTE) enrollment.

Two other education caseloads are forecast in addition to basic K-12:

- The Bilingual Education caseload includes students receiving bilingual education services. The caseload is forecast as an average eight month (Oct-May) headcount (HC) enrollment.
- The Special Education caseload consists of children served by one of three programs: the Age 0-2 program, the Age 3 to Pre-Kindergarten program, and the Age 3-21 program.
 - The Special Education Age 0-2 program is optional with about half of all school districts opting to offer it. This program provides direct or contracted services for developmentally delayed children under age three. This program becomes

⁶ Historical data on home schooling is less consistent than either public or private school enrollment figures as the available data are based on home schooled students registered with the school districts.

mandatory in September 2009. The caseload is forecast as an average eight month (Oct-May) headcount (HC) enrollment.

- o The Special Education Age 3-PreK program is a relatively new program for developmentally delayed children from age 3 to kindergarten. This program was funded beginning in September 2008. The caseload is forecast as an average eight month (Oct-May) headcount (HC) enrollment.
- o The Special Education K-21 program is the state's school based special education program. Prior to September 2008, this program served children from Age 3 to 21. Basic state and federal funding is provided on a per capita basis for up to 13 percent of each district's total K-12 enrollment. Additional funds are provided for districts with special needs on a case by case basis. The caseload is forecast as an average eight month (Oct-May) funded headcount (HC) enrollment.

Table 1. Average Annual K-12 FTE Enrollment

		Number	% Change
1997-1998	Actual	936,435	-1.1%
1998-1999	Actual	946,385	1.1%
1999-2000	Actual	948,485	0.2%
2000-2001	Actual	951,033	0.3%
2001-2002	Actual	956,567	0.6%
2002-2003	Actual	958,846	0.2%
2003-2004	Actual	962,294	0.4%
2004-2005	Actual	966,246	0.4%
2005-2006	Actual	972,079	0.6%
2006-2007	Actual	973,612	0.2%
2007-2008	Actual	975,540	0.2%
2008-2009	Estimate	979,446	0.4%
2009-2010	Forecast	985,080	0.6%
2010-2011	Forecast	989,147	0.4%

NOTE: includes running start, private and homebased, summer, and UW transition enrollments.

⁷ A full time equivalent or FTE is based on the proportion of a "full day" of classes attended by a student at a given grade level. Average annual FTE enrollment is about 95 percent of headcount enrollment, due to half-day attendance of kindergarten students, fewer classes taken by students approaching graduation, early graduation, dropouts, suspensions during the school year, and participation in college classes through Running Start.

Table 2. Average Annual K-12 FTE Enrollment: Detail

Grade/ Program	1997-1998 Actual	1998-1999 Actual	1999-2000 Actual	2000-2001 Actual	2001-2002 Actual	2002-2003 Actual
K-12 Public School AA FTE	929,605	938,829	940,493	942,436	947,582	949,509
Running Start AA FTE	6,251	7,001	7,467	7,938	8,306	8,814
Special Education AA HC	111,258	113,254	115,257	116,709	118,519	119,272
Bilingual AA Headcount	47,975	52,040	55,656	59,514	62,522	66,258
Components of Total K-12 AA						
Grade/ Program	2003-2004 Actual	2004-2005 Actual	2005-2006 Actual	2006-2007 Estimate	2007-2008 Forecast	2008-2009 Forecast
K-12	929,605	938,829	940,493	942,436	947,582	949,509
Private & Homebased	189	125	139	185	169	100
Summer	347	390	347	434	467	352
Running Start AA FTE	6,251	7,001	7,467	7,938	8,306	8,814
UW Transition	43	41	38	40	43	71
Total K-12 AA FTE	936,435	946,385	948,485	951,033	956,567	958,846
K-12 Change	12,968	9,950	2,100	2,548	5,535	2,278
% K-12 Change	1.4%	1.1%	0.2%	0.3%	0.6%	0.2%

Table 2. Average Annual K-12 FTE Enrollment: Detail (continued)

Grade/ Program	2003-2004 Actual	2004-2005 Actual	2005-2006 Actual	2006-2007 Estimate	2007-2008 Forecast	2008-2009 Forecast
K-12 Public School AA FTE	952,360	955,977	961,357	962,345	963,704	967,145
Running Start AA FTE	9,351	9,761	10,259	10,811	11,176	11,640
Special Education AA HC	119,887	121,342	115,485	121,750	126,053	127,460
Bilingual AA Headcount	70,908	75,255	76,716	76,505	80,689	83,033
Components of Total K-12 AA						
K-12	952,360	955,977	961,357	962,345	963,704	967,145
Private & Homebased	89	52	22	23	19	19
Summer	390	347	332	333	538	538
Running Start AA FTE	9,351	9,761	10,259	10,811	11,176	11,640
UW Transition	105	109	109	100	103	103
Total K-12 AA FTE	962,294	966,246	972,079	973,612	975,540	979,446
K-12 Change	3,449	3,951	5,833	1,533	1,928	3,905
% K-12 Change	0.4%	0.4%	0.6%	0.2%	0.2%	0.4%

Table 2. Average Annual K-12 FTE Enrollment: Detail (continued)

Grade/ Program	2009-2010 Forecast	2010-2011 Forecast
K-12 Public School AA FTE	972,412	976,352
Running Start AA FTE	12,007	12,134
Special Education AA HC	128,937	130,308
Bilingual AA Headcount	86,909	90,438
Components of Total K-12 AA		
K-12	972,412	976,352
Private & Homebased	19	19
Summer	538	538
Running Start AA FTE	12,007	12,134
UW Transition	103	103
Total K-12 AA FTE	985,080	989,147
K-12 Change	5,634	4,067
% K-12 Change	0.6%	0.4%

Table 3. Summary of October Headcount Components of Enrollment Change

October:	1988	1989	1990	1991	1992	1993	1994
Headcount Enrollment Grades 1-12	790,491	809,764	839,404	868,676	894,756	917,014	936,257
Change From Prior Year	14,572	19,273	29,640	29,272	26,080	22,258	19,243
Components of Enrollment Change							
1. Entrants and Exits							
Grade 1 minus Grade 12	10,541	12,201	16,391	19,741	19,105	17,475	15,685
First Grade Entrants	70,708	71,843	71,939	73,150	73,910	73,198	73,707
Births 6 Years Prior	69,681	68,794	69,059	70,357	69,572	70,409	72,660
Grade 1/Births Ratio	1.01474	1.04432	1.04170	1.03970	1.06235	1.03961	1.01441
Prior Year Grade 12 Exits	60,167	59,642	55,548	53,409	54,805	55,723	58,022
Change From Prior Year							
2. Grade 1 to Grade 2 (Retention/Migration)	-2,060	-1,348	-233	-54	171	45	-46
Grade 2/Grade1 Ratio	0.96990	0.98094	0.99676	0.99925	1.00234	1.00061	0.99937
3. Grades 2-7 to Grades 3-8 (Migration/Crossover)	6,018	8,083	9,576	7,265	6,588	4,448	3,182
3-8/2-7 Ratio	1.01713	1.02196	1.02462	1.01778	1.01552	1.01017	1.00715
4. Grade 8 to Grade 9 (Crossover)	3,613	3,953	4,855	5,238	5,753	4,744	5,001
Grade 9/Grade 8 Ratio	1.06624	1.07099	1.08587	1.08505	1.09119	1.07060	1.07090
5. Grades 9-11 to Grades 10-12 (Migration/Crossover)	-4,575	-3,551	-3,033	-3,931	-5,369	-5,096	-6,623
10-12/9-11 Ratio	0.97408	0.97917	0.98226	0.97766	0.97083	0.97343	0.96698
Kindergarten Enrollment	65,971	65,906	67,990	69,003	68,835	69,477	71,521
Births 5 Years Prior	68,794	69,059	70,357	69,572	70,409	72,660	75,595
Kindergarten/Births Ratio	0.95896	0.95434	0.96636	0.99182	0.97764	0.95619	0.94611
Total K-12 Headcount Enrollment	790,491	809,764	839,404	868,676	894,756	917,014	936,257
Total Avg. Annual FTE Enrollment	748,418	768,356	795,404	823,040	849,759	868,298	885,609
Avg. Ann. FTE/Headcount Ratio	0.94678	0.94886	0.94758	0.94747	0.94971	0.94688	0.94590

Table 3. Summary of October Headcount Components of Enrollment Change (continued)

October:	1995	1996	1997	1998	1999	2000	2001
Headcount Enrollment Grades 1-12	954,202	975,317	990,165	998,926	1,000,438	1,000,578	1,006,276
Change From Prior Year	17,945	21,115	14,848	8,761	1,512	140	5,698
Components of Enrollment Change							
1. Entrants and Exits							
Grade 1 minus Grade 12	14,790	15,727	12,391	10,127	6,490	1,752	2,272
First Grade Entrants	75,735	78,084	78,005	77,960	75,906	73,453	73,734
Births 6 Years Prior	75,595	79,468	79,962	79,897	78,771	77,368	77,240
Grade 1/Births Ratio	1.00185	0.98258	0.97553	0.97576	0.96363	0.94940	0.95461
Prior Year Grade 12 Exits	60,945	62,357	65,614	67,833	69,416	71,701	71,462
Change From Prior Year							
2. Grade 1 to Grade 2 (Retention/Migration)	65	491	346	-331	-647	-512	-41
Grade 2/Grade1 Ratio	1.00088	1.00648	1.00443	0.99576	0.99170	0.99325	0.99944
3. Grades 2-7 to Grades 3-8 (Migration/Crossover)	2,629	4,570	4,395	3,236	1,111	3,632	5,616
3-8/2-7 Ratio	1.00586	1.01015	1.00966	1.00702	1.00239	1.00780	1.01201
4. Grade 8 to Grade 9 (Crossover)	5,224	6,437	7,389	8,376	8,659	9,262	9,146
Grade 9/Grade 8 Ratio	1.07175	1.08581	1.09723	1.10932	1.11181	1.11943	1.11876
5. Grades 9-11 to Grades 10-12 (Migration/Crossover)	-6,778	-6,196	-9,013	-10,945	-11,365	-13,806	-11,278
10-12/9-11 Ratio	0.96750	0.97151	0.96031	0.95316	0.95231	0.94279	0.95356
Kindergarten Enrollment	73,536	73,622	72,962	71,260	68,524	68,336	68,319
Births 5 Years Prior	79,468	79,962	79,897	78,771	77,368	77,240	77,874
Kindergarten/Births Ratio	0.92535	0.92071	0.91320	0.90465	0.88569	0.88472	0.87730
Total K-12 Headcount Enrollment	954,202	975,317	990,165	998,926	1,000,438	1,000,578	1,006,276
Total Avg. Annual FTE Enrollment	903,453	922,949	935,856	945,829	947,523	945,919	945,919
Avg. Ann. FTE/Headcount Ratio	0.94682	0.94631	0.94515	0.94685	0.94711	0.94537	0.94002

Table 3. Summary of October Headcount Components of Enrollment Change (continued)

October:	2002	2003	2004	2005	2006	2007	2008
Headcount Enrollment Grades 1-12	1,009,348	1,014,192	1,017,594	1,025,041	1,026,530	1,026,458	1,031,376
Change From Prior Year	3,072	4,844	3,402	7,447	1,489	-72	4,918
Components of Enrollment Change							
1. Entrants and Exits							
Grade 1 minus Grade 12	59	-1,017	-2,389	-2,257	-3,116	-4,603	-5,768
First Grade Entrants	72,613	74,065	74,886	75,935	76,520	76,676	76,142
Births 6 Years Prior	77,874	78,141	79,640	79,577	81,004	81,004	81,004
Grade 1/Births Ratio	0.93244	0.94784	0.94031	0.95423	0.94464	0.94657	0.93998
Prior Year Grade 12 Exits	72,554	75,082	77,275	78,192	79,636	81,279	81,910
Change From Prior Year							
2. Grade 1 to Grade 2 (Retention/Migration)	-145	-63	118	338	177	358	821
Grade 2/Grade1 Ratio	0.99803	0.99913	1.00159	1.00451	1.00233	1.00468	1.01071
3. Grades 2-7 to Grades 3-8 (Migration/Crossover)	3,502	4,567	4,584	5,864	4,202	4,806	6,127
3-8/2-7 Ratio	1.00747	1.00980	1.00995	1.01280	1.00918	1.01050	1.01328
4. Grade 8 to Grade 9 (Crossover)	9,618	8,967	7,904	8,381	8,491	8,427	8,496
Grade 9/Grade 8 Ratio	1.12349	1.11236	1.09620	1.10302	1.10414	1.10494	1.10857
5. Grades 9-11 to Grades 10-12 (Migration/Crossover)	-11,012	-8,780	-7,798	-6,085	-8,347	-8,377	-6,671
10-12/9-11 Ratio	0.95509	0.96440	0.96872	0.97598	0.96757	0.96751	0.97397
Kindergarten Enrollment	69,369	70,539	71,522	72,728	72,810	72,127	74,040
Births 5 Years Prior	78,141	79,640	79,577	81,004	79,542	79,542	79,542
Kindergarten/Births Ratio	0.88774	0.88572	0.89878	0.89783	0.91537	0.90678	0.93083
Total K-12 Headcount Enrollment	1,009,348	1,014,192	1,017,594	1,025,041	1,026,530	1,026,458	1,031,376
Total Avg. Annual FTE Enrollment	945,919	945,919	945,919	945,919	945,919	945,919	945,919
Avg. Ann. FTE/Headcount Ratio	0.93716	0.93268	0.92956	0.92281	0.92147	0.92154	0.91714

Table 3. Summary of October Headcount Components of Enrollment Change (continued)

October:	2009	2010
Headcount Enrollment Grades 1-12	1,036,321	1,040,176
Change From Prior Year	4,945	3,855
Components of Enrollment Change		
1. Entrants and Exits		
Grade 1 minus Grade 12	-4,924	-5,464
First Grade Entrants	77,931	78,459
Births 6 Years Prior	81,004	81,004
Grade 1/Births Ratio	0.96207	0.96858
Prior Year Grade 12 Exits	82,856	83,923
Change From Prior Year		
2. Grade 1 to Grade 2		
(Retention/Migration)	1,045	836
Grade 2/Grade1 Ratio	1.01372	1.01073
3. Grades 2-7 to Grades 3-8		
(Migration/Crossover)	5,650	5,461
3-8/2-7 Ratio	1.01213	1.01160
4. Grade 8 to Grade 9		
(Crossover)	8,638	8,545
Grade 9/Grade 8 Ratio	1.10947	1.10947
5. Grades 9-11 to Grades 10-12		
(Migration/Crossover)	-6,031	-6,057
10-12/9-11 Ratio	0.97621	0.97588
Kindergarten Enrollment	74,608	75,142
Births 5 Years Prior	79,542	79,542
Kindergarten/Births Ratio	0.93797	0.94468
Total K-12 Headcount Enrollment	1,036,321	1,040,176
Total Avg. Annual FTE Enrollment	945,919	945,919
Avg. Ann. FTE/Headcount Ratio	0.91277	0.90938

Figure 4. Annual Change in Employment and Annual Grade 3-8 Net Change in Enrollment

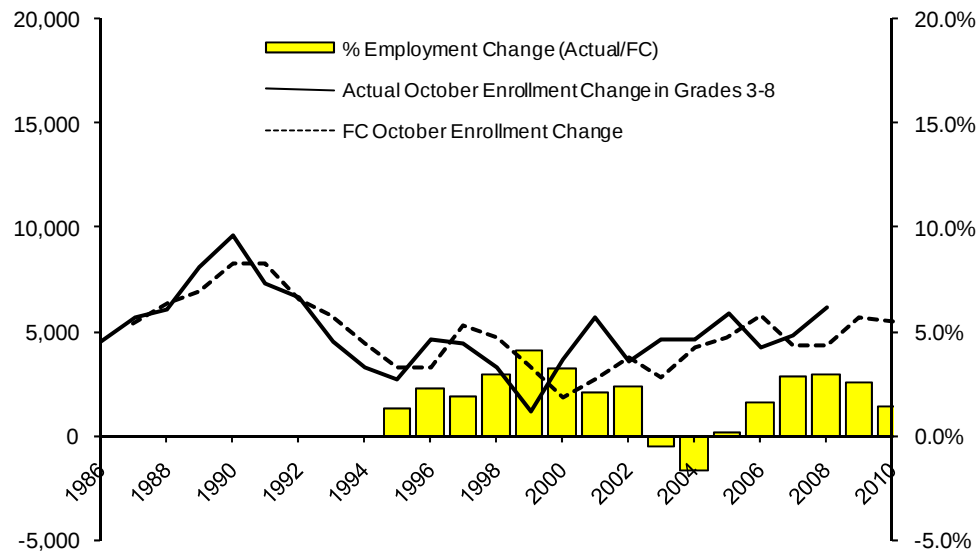


Figure 5. Public October Headcount as a Percent of Public and Private Headcount

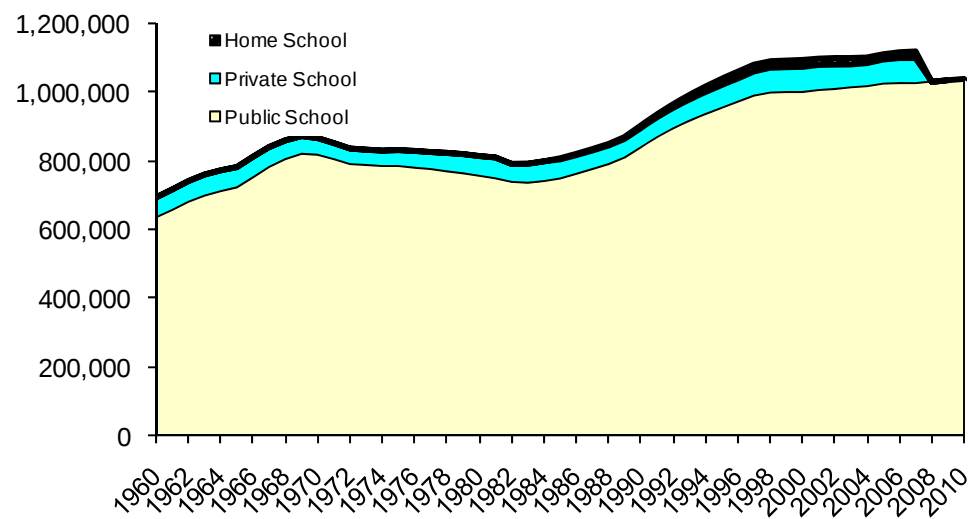


Figure 6. Public October Headcount as a Percent of Public, Private, and Home-based Headcount

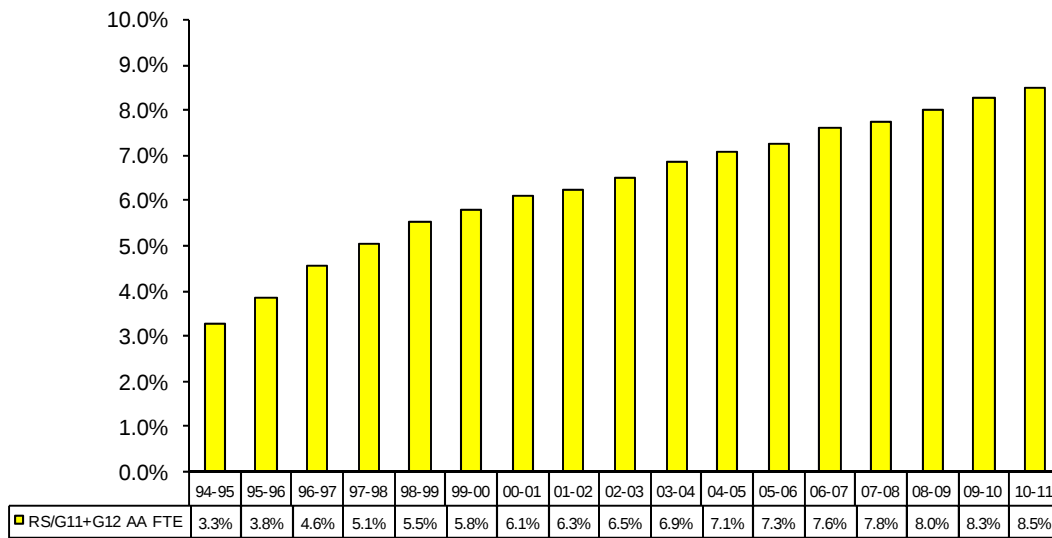


Table 3b. Percent Change in Public, Private, and Home-based Enrollment

Oct HC	Private	Private % Net Change	Home-based	Home-based % Net Change	Private and Home-based	Private and Home-based % Net Change	Public	Public % Net Change	Total	Total % Net Change
1998	73,880		19,287		93,167		998,926		1,092,093	
1999	73,930	0.1%	19,844	2.9%	93,774	0.7%	1,000,438	0.2%	1,094,212	0.2%
2000	75,091	1.6%	20,206	1.8%	95,297	1.6%	1,000,578	0.0%	1,095,875	0.2%
2001	75,089	0.0%	18,649	-7.7%	93,738	-1.6%	1,006,276	0.6%	1,100,014	0.4%
2002	72,957	-2.8%	19,245	3.2%	92,202	-1.6%	1,009,348	0.3%	1,101,550	0.1%
2003	68,160	-6.6%	19,245	0.0%	87,405	-5.2%	1,014,192	0.5%	1,101,597	0.0%
2004	69,106	1.4%	19,245	0.0%	88,351	1.1%	1,017,594	0.3%	1,105,945	0.4%
2005	72,164	4.4%	19,245	0.0%	91,409	3.5%	1,025,041	0.7%	1,116,450	0.9%
2006	74,730	3.6%	19,245	0.0%	93,975	2.8%	1,026,530	0.1%	1,120,505	0.4%
2007	75,044	0.4%	19,245	0.0%	94,289	0.3%	1,026,458	0.0%	1,120,747	0.0%
2008							1,031,376			
2009							1,036,321			
2010							1,040,176			

Table 3c. Headcount Change in Public, Private, and Home-based Enrollment

Oct HC	Private	Private Net Change	Home-based	Home-based Net Change	Private and Home-based	Private and Home-based Net Change	Public	Public Net Change	Total	Total Net Change
1998	73,880		19,287		93,167		998,926		1,092,093	
1999	73,930	50	19,844	557	93,774	607	1,000,438	1,512	1,094,212	2,119
2000	75,091	1,161	20,206	362	95,297	1,523	1,000,578	140	1,095,875	1,663
2001	75,089	-2	18,649	-1,557	93,738	-1,559	1,006,276	5,698	1,100,014	4,139
2002	72,957	-2,132	19,245	596	92,202	-1,536	1,009,348	3,072	1,101,550	1,536
2003	68,160	-4,797	19,245	0	87,405	-4,797	1,014,192	4,844	1,101,597	47
2004	69,106	946	19,245	0	88,351	946	1,017,594	3,402	1,105,945	4,348
2005	72,164	3,058	19,245	0	91,409	3,058	1,025,041	7,447	1,116,450	10,505
2006	74,730	2,566	19,245	0	93,975	2,566	1,026,530	1,489	1,120,505	4,055
2007	75,044	314	19,245	0	94,289	314	1,026,458	-72	1,120,747	242
2008							1,031,376			
2009							1,036,321			
2010							1,040,176			

Table 4. Public, Private, and Home-based Enrollment

Year	Total Oct HC	%Total	Public Oct HC	%Public	Private Oct HC	%Private	Home	%Home
1983	790,484	100.0%	736,117	93.1%	54,367	6.9%	na	na
1984	797,320	100.0%	740,976	92.9%	56,344	7.1%	na	na
1985	806,643	100.0%	748,730	92.8%	54,413	6.7%	3,500	0.4%
1986	819,267	100.0%	761,847	93.0%	53,648	6.5%	3,772	0.5%
1987	833,312	100.0%	775,919	93.1%	53,348	6.4%	4,045	0.5%
1988	848,541	100.0%	790,491	93.2%	53,354	6.3%	4,696	0.6%
1989	869,431	100.0%	809,764	93.1%	54,131	6.2%	5,536	0.6%
1990	902,737	100.0%	839,404	93.0%	56,287	6.2%	7,046	0.8%
1991	935,342	100.0%	868,676	92.9%	58,138	6.2%	8,528	0.9%
1992	965,584	100.0%	894,765	92.7%	60,092	6.2%	10,727	1.1%
1993	993,113	100.0%	917,014	92.3%	62,515	6.3%	13,584	1.4%
1994	1,017,223	100.0%	936,257	92.0%	65,048	6.4%	15,918	1.6%
1995	1,040,215	100.0%	954,244	91.7%	67,897	6.5%	18,074	1.7%
1996	1,061,340	100.0%	972,328	91.6%	69,089	6.5%	19,923	1.9%
1997	1,082,173	100.0%	990,165	91.5%	72,063	6.7%	19,945	1.8%
1998	1,092,093	100.0%	998,926	91.5%	73,880	6.8%	19,287	1.8%
1999	1,094,212	100.0%	1,000,438	91.4%	73,930	6.8%	19,844	1.8%
2000	1,095,875	100.0%	1,000,578	91.3%	75,091	6.9%	20,206	1.8%
2001	1,100,014	100.0%	1,006,276	91.5%	75,089	6.8%	18,649	1.7%
2002	1,101,550	100.0%	1,009,348	91.6%	72,957	6.6%	19,245	1.7%
2003	1,101,673	100.0%	1,014,192	92.1%	68,160	6.2%	19,321	1.8%
2004	1,103,093	100.0%	1,017,594	92.2%	69,106	6.3%	16,393	1.5%
2005	1,112,795	100.0%	1,025,041	92.1%	72,164	6.5%	15,590	1.4%
2006	1,118,503	100.0%	1,026,530	91.8%	74,730	6.7%	17,243	1.5%
2007	1,121,163	100.0%	1,026,458	91.6%	75,044	6.7%	19,661	1.8%
2008			1,031,376					
2009			1,036,321					
2010			1,040,176					

Table 5. Average Annual K-12 FTE Enrollment

December 2008 Estimates and Forecasts

		Number	% Change
1997-1998	Actual	936,435	-1.1%
1998-1999	Actual	946,385	1.1%
1999-2000	Actual	948,485	0.2%
2000-2001	Actual	951,033	0.3%
2001-2002	Actual	956,567	0.6%
2002-2003	Actual	958,846	0.2%
2003-2004	Actual	962,294	0.4%
2004-2005	Actual	966,246	0.4%
2005-2006	Actual	972,079	0.6%
2006-2007	Actual	973,612	0.2%
2007-2008	Actual	975,540	0.2%
2008-2009	Estimate	979,446	0.4%
2009-2010	Forecast	985,080	0.6%
2010-2011	Forecast	989,147	0.4%

NOTE: includes running start, private and homebased, summer, and UW transition enrollments.

Forecast

Table 6. Average Annual K-12 FTE Enrollment: Detail

GRADE	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
KHYR	586	629	577	596	0	629	577	596
KFYR	33,577	34,069	34,704	35,200	36,335	34,069	34,704	35,200
1	73,620	72,570	74,027	74,835	75,825	72,570	74,027	74,835
2	73,237	73,448	72,444	74,061	75,088	73,448	72,444	74,061
3	76,372	74,051	74,294	73,300	75,056	74,051	74,294	73,300
4	78,325	76,940	74,941	75,232	74,336	76,940	74,941	75,232
5	79,187	78,966	77,698	75,665	76,202	78,966	77,698	75,665
6	80,435	79,605	79,700	78,373	76,528	79,605	79,700	78,373
7	79,168	81,237	80,358	80,464	79,304	81,237	80,358	80,464
8	77,185	79,081	81,525	80,802	80,987	79,081	81,525	80,802
9	84,353	85,311	86,700	88,360	88,606	85,311	86,700	88,360
10	78,855	78,071	79,135	81,137	82,106	78,071	79,135	81,137
11	70,489	71,574	71,031	72,098	74,562	71,574	71,031	72,098
12	62,193	63,956	65,226	65,855	66,422	63,956	65,226	65,855
K-12	947,582	949,509	952,360	955,977	961,357	949,509	952,360	955,977

Grade/ Program	1997-1998 Actual	1998-1999 Actual	1999-2000 Actual	2000-2001 Actual	2001-2002 Actual	2002-2003 Actual	2003-2004 Actual	2004-2005 Actual
K	34,163	34,698	35,281	35,796	36,335	34,698	35,281	35,796
1-3	223,230	220,069	220,765	222,195	225,969	220,069	220,765	222,195
4-6	237,947	235,512	232,340	229,269	227,066	235,512	232,340	229,269
7-8	156,353	160,318	161,883	161,265	160,290	160,318	161,883	161,265
9-12	295,890	298,912	302,091	307,451	311,696	298,912	302,091	307,451
K-12	947,582	949,509	952,360	955,977	961,357	949,509	952,360	955,977

Private & Homebased	189	125	139	185	169	100	89	52
Summer	347	390	347	434	467	352	390	347
Running Start	6,251	7,001	7,467	7,938	8,306	8,814	9,351	9,761
UW Transition	43	41	38	40	43	71	105	109
Total	936,435	946,385	948,485	951,033	956,567	958,846	962,294	966,246
Annual Change	12,968	9,950	2,100	2,548	5,535	2,278	3,449	3,951
Annual % Change	1.4%	1.1%	0.2%	0.3%	0.6%	0.2%	0.4%	0.4%

Table 6. Average Annual K-12 FTE Enrollment: Detail (continued)

GRADE	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011
KHYR	0	4	3,756	7,598	7,661	7,716
KFYR	36,335	36,390	32,311	29,419	29,623	29,835
1	75,825	76,437	76,572	76,002	77,862	78,389
2	75,088	75,939	76,714	77,214	77,049	78,627
3	75,056	75,871	76,776	77,642	78,351	77,997
4	74,336	75,655	76,619	77,810	78,860	79,358
5	76,202	75,103	76,460	77,465	78,876	79,836
6	76,528	76,630	75,720	76,968	78,104	79,301
7	79,304	77,192	77,465	76,632	77,943	79,042
8	80,987	79,753	77,713	78,273	77,505	78,669
9	88,606	88,533	87,071	85,505	85,931	85,010
10	82,106	82,456	82,520	81,219	79,340	80,064
11	74,562	74,429	74,625	74,992	74,017	72,371
12	66,422	67,952	69,382	70,280	71,290	70,139
K-12	961,357	962,345	963,704	967,020	972,412	976,352

Grade/ Program	2005-2006 Actual	2006-2007 Actual	2007-2008 Actual	2008-2009 Estimate	2009-2010 Forecast	2010-2011 Forecast
K	36,335	36,395	36,068	37,018	37,284	37,550
1-3	225,969	228,247	230,062	230,858	233,261	235,013
4-6	227,066	227,388	228,799	232,242	235,839	238,495
7-8	160,290	156,945	155,178	154,905	155,448	157,711
9-12	311,696	313,370	313,598	311,997	310,579	307,583
K-12	961,357	962,345	963,704	967,020	972,412	976,352
Private & Homebased	22	23	19	19	19	19
Summer	332	333	538	538	538	538
Running Start	10,259	10,811	11,176	11,640	12,007	12,134
UW Transition	109	100	103	103	103	103
Total	972,079	973,612	975,540	979,446	985,080	989,147
Annual Change	5,833	1,533	1,928	3,905	5,634	4,067
Annual % Change	0.6%	0.2%	0.2%	0.4%	0.6%	0.4%

DEVELOPMENT OF K-12 FORECASTS

There are several steps in the development of the K-12 forecasts:

1. The October headcount enrollment is forecast for each year.
2. October headcount forecasts are converted to FTE enrollment forecasts, by grade, based on FTE/HC ratio assumptions.
3. Historical FTE/HC patterns are used to develop monthly enrollment forecasts from the October FTE enrollment forecasts. October FTE forecasts are "annualized" using month-to-month survival ratio assumptions.

HEADCOUNT FORECAST METHOD AND ASSUMPTIONS

Forecasted October headcount enrollments are used as a starting point for the forecasts because (1) they provide a consistent data series that reflects changes in the public school population, and (2) are insensitive to changes in the definition of "full time equivalent (FTE).

The headcount enrollment forecast is developed using time series/regression models and grade-to-grade succession models.

Time Series/Regression models are used to forecast enrollments when actual enrollment levels relate well to other variables such as prior births or economic data that are independently forecast for the budget period as well as trends over time. Annual births and migration, as the primary drivers of enrollment in kindergarten and grade 1, determine the number of children entering the system. In the current forecast, enrollments in kindergarten and grade 1 are forecast using time series/regression.

Grade-to-grade succession ratios are used to forecast enrollments for grades 2-12 by extrapolating from consistent trends in grade succession. In this model, current headcount enrollment, by grade, is moved forward each year to the next higher grade level using historical grade succession ratios. In the current forecast, grades 2-12 are forecast using grade succession ratios.

1. **Kindergarten and Grade 1.** Kindergarten and grade 1 enrollments are forecast directly from regression models. Kindergarten is forecast from prior births, prior and forecasted cumulated cohort change, and the prior year kindergarten enrollment; grade 1 is forecast from prior births, prior and forecasted cumulated cohort change, and the prior year kindergarten enrollment.
2. **Grade 1 to Grade 2.** The pattern of current year grade 2 enrollment to prior year grade 1 enrollment has been relatively stable for the past six years with the exception of a small jump in 2005. Grade 2 enrollment is forecast from the prior year's Grade 1 enrollment using the most recent grade succession ratio.
3. **Grades 2-7 to Grades 3-8.** The net change enrollment of the grade 3-8 cohort, compared to the prior year's grade 2-7 enrollment, is termed "cohort change." Primary school cohort change is strongly impacted net migration; it is also impacted by crossover to and from private school and home schooling. Both variables are sensitive to changes

in the economies of Washington and neighboring states. For example, the state's peak economic expansions in the late 1970s and 1980s were associated with annual grade 3-8 cohort changes of 8,000 to 9,000. Cohort change declined to about 4,500 in the late 1980's and early 1990's as the economy slowed. It declined further to 1,111 in 1999, reflecting continued cooling of the state economy, as well as improvements in the economies of neighboring states. However, cohort change increased to 3,632 in 2000, 5,501 in 2001 and 3,671 in 2002. A portion of the increase was due to increased net migration, but the total also reflected a private school loss of "market share" as parents moved children from private to public schools.

Annual net cohort change is forecast using a regression/time series model. Forecasted Washington State employment is the primary independent variable used to predict cohort change. Figure 4 shows the "fit" of the regression model to actual cohort change, as well as the corresponding changes in state employment. Cohort change was 4,215 in 2006. The current regression/time series model predicts stable levels of cohort change in 2007 and 2008 (4271 and 4275, respectively).

4. **Grade 8 to Grade 9.** Many private school students return to the public school system in Grade 9. The grade 8 to 9 grade-to-grade succession ratio has been relatively stable for three years, declining slightly from 2004 to 2006. The current forecast assumes the current (2006) grade succession ratio will continue to decline in 2007 at 25% of the 2005 to 2006 rate of change, and to remain stable at that level in 2008.
5. **Grades 9-11 to 10-12.** Annual grade-to-grade succession ratios for grades 10-12 have been relatively stable for the past six years, with the exception of a small jump in 2005. The current forecast uses the last actual rate (2006) for grades 10 and 12 to forecast 2007-08 and 2008-09.

DEVELOPMENT OF AVERAGE ANNUAL FTE ENROLLMENTS

Headcount enrollments overstate the demand on the public school system because not all students take a full load of classes. The headcount enrollments are converted in a two-step process to average FTE enrollments to better reflect actual school resource usage.

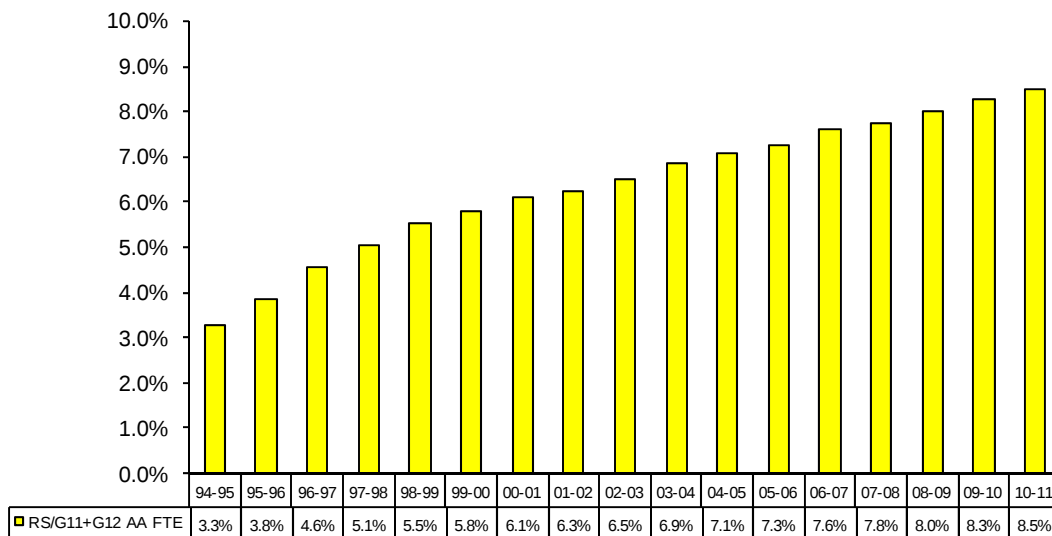
1. Conversion of forecasted October HC to October FTE. Annual FTE/HC ratios have been have been stable for several years.
The current forecast uses the most recent actual FTE/HC ratio, by grade, to forecast FTE/HC ratios for grades 11-12.

2. Month-to-month enrollment change patterns are used to annualize the October FTE enrollments by grade. The current forecast uses the most recent actual monthly succession ratios to annualize forecasted future October FTEs.

RUNNING START ENROLLMENT FORECASTS

Running Start is a program established in 1994 to allow some eleventh and twelfth grade high school students to attend community college classes for college credit while still in high school. These students are reported and funded separately, but are included in the total K-12 caseload forecast. Eligibility for the Running Start program is determined by school district policies. Some students only take college classes, and some students attend both high school and college classes. Courses taken through Running Start may count for both high school and college credit.

Figure 6. Running Start as a Percentage of Grade 11-12 FTE Enrollment



The Running Start enrollment is expressed as a percentage of eleventh and twelfth grade FTE enrollments. This ratio increased at a fairly steady rate (Figure 6) through 2000-01. Since 2000-01, the rate of growth slowed to an average of 0.2 percent per year. The current forecast assumes the current rate of increase.

SECTION I
FORECAST FOR SPECIAL EDUCATION

SPECIAL EDUCATION

A "special education eligible student" is a student receiving specially designed instruction in accordance with a properly formulated individualized education program. There are two categories for funding special education programs: (1) an optional birth through age two program for developmentally delayed infants and toddlers, and (2) a mandatory program for special education eligible students ages three to twenty-one.

Age 0-2

The Age 0-2 Special Education program was originally implemented as an optional program of services provided by those districts wishing to participate. HB1107, passed during the 2006 legislative session, mandated the program be offered in every school district by the fall of 2009. Most districts implemented programs by 2007.

Age 3-PreK

The Special Education Age 3-PreK program is a relatively new program for developmentally delayed children from age 3 to kindergarten. This program was funded beginning in September 2008. The caseload is forecast as an average eight month (Oct-May) headcount (HC) enrollment.

Age K-21(formerly Age 3-21)

The Special Education K-21 program is the state's school based special education program. Prior to September 2008, this program served children from Age 3 to 21. Basic state and federal funding is provided on a per capita basis for up to 13 percent of each district's total K-12 enrollment. Additional funds are provided for districts with special needs on a case by case basis. The caseload is forecast as an average eight month (Oct-May) funded headcount (HC) enrollment.

The 1995 Legislature provided an Age 3-21 basic (state) funding level of 12.7 percent of total K-12 enrollment to be phased in over four years in all school districts. In addition to the basic funding level, school districts may apply for "safety net" funding if: (1) the new formula results in less excess cost revenue than in the final year of the old formula, or (2) the district previously received local resources and can demonstrate that state, federal, and local resources are not adequate for meeting the needs of their disabled students. The Special Education Age 3-21 forecast is the forecast of the headcount enrollment receiving special education under the state's 12.7% funding formula.

FORECAST

The new forecast for Special Education student enrollment is based on actual and estimated funded Special Education enrollment by school district (Table 7). The components of the forecast (Age 0-2 and Age 3-21) are shown separately in Table 8 and Figure 7.

The current special education enrollment forecast reflects the two funding categories. The Age 0-2 caseload is expected to continue to grow based on the current growth trend. The Age 0-2 forecast is based on a participation rate model in which the caseload is forecast as a percent of the OFM forecasted state population age 0-2. In 2006-07 that rate was 15.3 per 1,000. The rate is forecast to increase to 19.1 per 1,000 by the 2008-09 school year.

The forecast for special education students age 3-21 is for the average annual headcount funded at the school district level under the basic funding formula. The forecast is developed by first forecasting the total K-12 and age 3-21 special education enrollments at the district level. The forecasted special education enrollments are then adjusted for the 12.7 percent funding level. The Age 3-21 caseload has been at a relatively stable percent of the K-12 enrollment with more than half of all school districts at or above the 12.7% funding target; the caseload is expected to grow with the K-12 caseload.

Table 7. Average Annual Headcount of Special Education Funded Enrollment

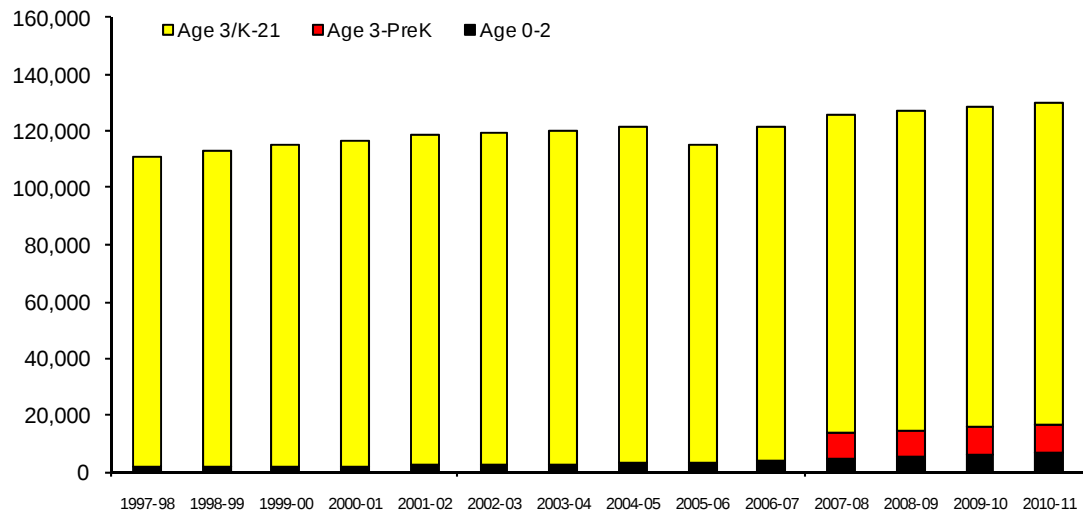
Year		Age 0-2	Age 3 - PreK	Funded Age 3/K - 21	Special Education AA HC	Percent Change
1994-95	Actual	1,900		105,332	107,232	
1995-96	Actual	1,761		106,424	108,185	0.9%
1996-97	Actual	1,691		107,458	109,149	0.9%
1997-98	Actual	1,733		109,525	111,258	1.9%
1998-99	Actual	1,794		111,460	113,254	1.8%
1999-00	Actual	1,887		113,371	115,257	1.8%
2000-01	Actual	1,966		114,744	116,709	1.3%
2001-02	Actual	2,225		116,294	118,519	1.6%
2002-03	Actual	2,459		116,813	119,272	0.6%
2003-04	Actual	2,614		117,274	119,887	0.5%
2004-05	Actual	2,960		118,382	121,342	1.2%
2005-06	Actual	3,382		112,103	115,485	-4.8%
2006-07	Actual	3,798		117,951	121,750	5.4%
2007-08	Actual	4,452	9,498	112,103	126,053	3.5%
2008-09	Estimate	5,106	9,672	112,683	127,460	1.1%
2009-10	Forecast	5,827	9,921	113,189	128,937	1.2%
2010-11	Forecast	6,602	10,184	113,522	130,308	1.1%

NOTE: The Age 3-PreK program began September 2007

Table 8. Average Annual Headcount Special Education Funded Enrollment

	Actual 1994-95	Actual 1995-96	Actual 1996-97	Actual 1997-98	Actual 1998-99	Actual 1999-00	Actual 2000-01	Actual 2001-02
Age 0-2	1,900	1,761	1,691	1,733	1,794	1,887	1,966	2,225
Age 3-PreK	0	0	0	0	0	0	0	0
Age 3/K-21	105,332	106,424	107,458	109,525	111,460	113,371	114,744	116,294
Total	107,232	108,185	109,149	111,258	113,254	115,257	116,709	118,519
	Actual 2002-03	Actual 2003-04	Actual 2004-05	Actual 2005-06	Actual 2006-07	Actual 2007-08	Estimate 2008-09	Forecast 2009-10
Age 0-2	2,459	2,614	2,960	3,382	3,798	4,452	5,106	5,827
Age 3-PreK	0	0	0	0	0	9,498	9,672	9,921
Age 3/K-21	116,813	117,274	118,382	112,103	117,951	112,103	112,683	113,189
Total	119,272	119,887	121,342	115,485	121,750	126,053	127,460	128,937
	Forecast 2010-11							
Age 0-2	6,602							
Age 3-PreK	10,184							
Age 3/K-21	113,522							
Total	130,308							

Figure 7. Average Annual Headcount Special Education Funded Enrollment



SECTION II

FORECAST FOR BILINGUAL ENROLLMENT

The Caseload Forecast Council forecast for the bilingual education program is the average annual enrollment during October to May of each year of the biennium. Historical data and the current forecast are presented in Table 9.

The transitional bilingual instruction program operates under the authority of RCW 28A.180.060 and as detailed in chapter 392-160 WAC. As specified in the WAC, the transitional bilingual instruction program provides services to students who have a primary language other than English and have English language skill deficiencies, which impair their learning in regular classrooms. Competence in English language skills is the major objective of the program, and instructional assistance is restricted to those students most in need of help.

Both total K-12 enrollment and the number of students participating in the bilingual education program have grown significantly over the past fifteen years. Although the rate of growth has been slowing for both populations, the proportion of K-12 students receiving bilingual services has increased because bilingual enrollment continues to outpace the growth in K-12 (Table 9, Figure 8).

FORECAST MODELS

There is no limit on bilingual program enrollment. Consequently, program enrollment can be impacted by a variety of factors including historical events (e.g., refugees fleeing foreign wars) and administrative policies (e.g., local district initiatives to expand or reduce program size, changes in INS policy and enforcement), independent of the number of children meeting the statutory program requirements.

FORECAST

The current Bilingual Education forecast is based on a trend model. October bilingual enrollment is forecast using a trend model extending the average change over the prior three years in October Bilingual enrollment as a percent of October K12 enrollment. Month to month bilingual enrollment is forecast by applying historical month-to-month survival ratios to the forecasted October enrollments.

With the exception of 1997-98 school year, Bilingual Education enrollment has increased at a steady rate, both in absolute terms (3,000-4,000) and as a percent of K12, from the 1990-91 school year through the 2004-05 school year (Table 9). This pattern was interrupted in 2005-06 where enrollment increased by only 1,461 students, and in 2006-07 where annual average Bilingual enrollment actually declined (-183) for the first time since the creation of the program in 1984. In the 2007-08 school year, growth in the bilingual enrollment returned to the long term growth rate. The assumption for the current forecast is for growth in the program to continue at the long term rate.

Reasons for the decline in Bilingual enrollment are not entirely clear. Exit criteria were liberalized in 2006-07⁸ with the implementation of the Washington Language Proficiency Test II. At the same time, US immigration enforcement was tightened which may have reduced illegal immigration.⁹ Exit criteria are being tightened for 2007-08.¹⁰ This change in policy is expected to reduce the proportion of students who “test out” of the program.

Table 9. Average Annual Headcount Bilingual Enrollment

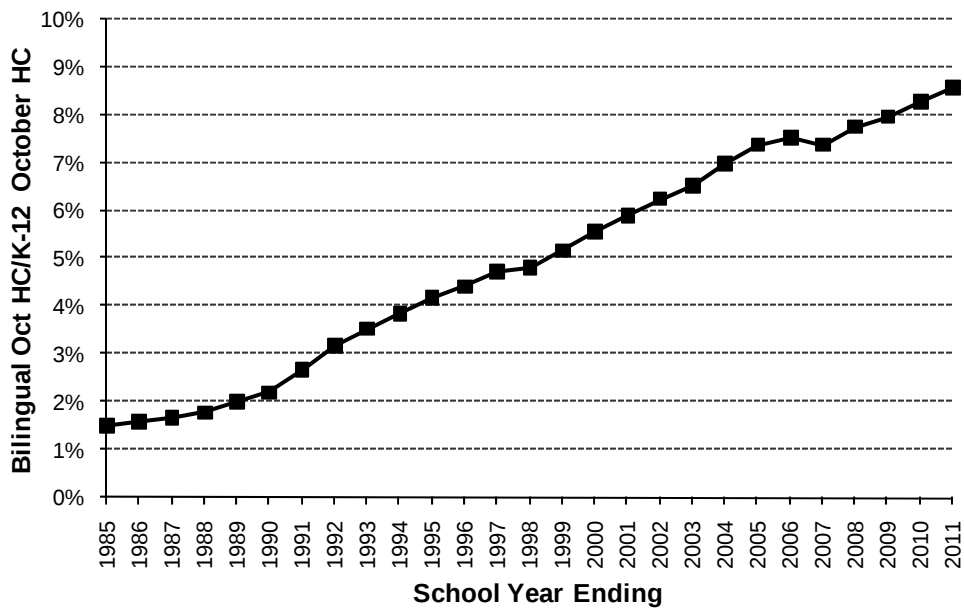
Year		Bilingual AA HC	Change	Percent Change	Bilingual Oct HC	Percent of Public K-12 Oct HC
1984-85	Actual	11,719	-	-	11,208	1.5%
1985-86	Actual	12,402	684	5.8%	11,953	1.6%
1986-87	Actual	13,497	1,095	8.8%	12,865	1.7%
1987-88	Actual	14,505	1,008	7.5%	13,935	1.8%
1988-89	Actual	16,877	2,371	16.3%	15,862	2.0%
1989-90	Actual	19,364	2,487	14.7%	17,858	2.2%
1990-91	Actual	23,513	4,149	21.4%	22,536	2.7%
1991-92	Actual	28,161	4,648	19.8%	27,608	3.2%
1992-93	Actual	32,340	4,179	14.8%	31,627	3.5%
1993-94	Actual	36,218	3,878	12.0%	35,306	3.9%
1994-95	Actual	39,888	3,669	10.1%	39,141	4.2%
1995-96	Actual	42,981	3,094	7.8%	42,134	4.4%
1996-97	Actual	46,029	3,047	7.1%	45,911	4.7%
1997-98	Actual	47,975	1,947	4.2%	47,739	4.8%
1998-99	Actual	52,040	4,064	8.5%	51,665	5.2%
1999-00	Actual	55,656	3,616	6.9%	55,666	5.6%
2000-01	Actual	59,514	3,858	6.9%	59,105	5.9%
2001-02	Actual	62,522	3,008	5.1%	62,878	6.2%
2002-03	Actual	66,258	3,737	6.0%	65,738	6.5%
2003-04	Actual	70,908	4,650	7.0%	70,707	7.0%
2004-05	Actual	75,255	4,347	6.1%	75,075	7.4%
2005-06	Actual	76,716	1,461	1.9%	77,015	7.5%
2006-07	Actual	76,505	-211	-0.3%	75,721	7.4%
2007-08	Actual	80,689	4,184	5.5%	79,527	7.7%
2008-09	Estimate	83,033	2,344	2.9%	82,079	8.0%
2009-10	Forecast	86,909	3,876	4.7%	85,657	8.3%
2010-11	Forecast	90,438	3,528	4.1%	89,135	8.6%

⁸ In 2006-07, students automatically exited the program if they passed either the WASL or WLPT-II. Anecdotal reports suggest that “cut points” on the new WLPT-II were lower than the cut points for the older WLPT, resulting in a higher percentage of students receiving a “passing” score.

⁹ The proportion of Bilingual Education students who are undocumented/illegally in the US is unknown, but assumed to be significant.

¹⁰ SPI revised exit criteria for the 2007-08 school year, requiring that students pass both the WASL and the WLPT-II.

Figure 8. October Bilingual Enrollment as a Percentage of Total K12 October Enrollment



APPENDIX A: BASIC EDUCATION TABLES

Appendix Table 1a. Ratios of Average Annual FTEs to October Headcount and October FTEs for Selected Grade Group

Public School	October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct. Ratio	Oct. FTE Oct. Hdct Ratio	AA FTE Oct. FTE Ratio	October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct Ratio	Oct. FTE Oct. Hdct Ratio	AA FTE Oct. FTE Ratio	
1982-83							1988-89						
K	55,208	27,684	27,601	0.50145	0.49994	1.00302	K	65,971	33,131	32,984	0.50220	0.49997	1.00446
1-6	326,203	325,932	326,190	0.99917	0.99996	0.99921	1-6	382,644	383,299	382,614	1.00171	0.99992	1.00179
7-8	124,472	123,895	124,449	0.99536	0.99981	0.99555	7-8	111,779	111,406	111,732	0.99666	0.99958	0.99708
9-12	232,735	224,263	229,656	0.96360	0.98677	0.97652	9-12	230,097	220,583	226,099	0.95865	0.98262	0.97561
1-12	683,410	674,090	680,295	0.98636	0.99544	0.99088	1-12	724,520	715,288	720,445	0.98726	0.99438	0.99284
K-12	738,618	701,774	707,896	0.95012	0.95841	0.99135	K-12	790,491	748,418	753,428	0.94678	0.95311	0.99335
1983-84							1989-90						
K	55,333	27,734	27,666	0.50121	0.49999	1.00244	K	65,906	33,140	33,018	0.50283	0.50098	1.00369
1-6	322,020	321,781	321,984	0.99926	0.99989	0.99937	1-6	399,942	401,025	399,898	1.00271	0.99989	1.00282
7-8	124,594	124,105	124,540	0.99608	0.99957	0.99651	7-8	117,372	117,068	117,298	0.99741	0.99937	0.99804
9-12	234,170	225,999	231,213	0.96511	0.98737	0.97745	9-12	226,544	217,124	222,532	0.95842	0.98229	0.97570
1-12	680,784	671,885	677,737	0.98693	0.99552	0.99137	1-12	743,858	735,217	739,728	0.98838	0.99445	0.99390
K-12	736,117	699,619	705,403	0.95042	0.95828	0.99180	K-12	809,764	768,356	772,746	0.94886	0.95429	0.99432
1984-85							1990-91						
K	58,443	29,301	29,222	0.50137	0.50000	1.00273	K	67,990	34,029	34,064	0.50051	0.50101	0.99900
1-6	325,277	325,223	325,252	0.99983	0.99992	0.99991	1-6	417,827	417,848	417,765	1.00005	0.99985	1.00020
7-8	117,661	117,077	117,616	0.99503	0.99962	0.99542	7-8	124,233	123,654	124,123	0.99534	0.99911	0.99623
9-12	239,595	230,946	236,574	0.96390	0.98739	0.97621	9-12	229,354	219,872	225,425	0.95866	0.98287	0.97537
1-12	682,533	673,246	679,442	0.98639	0.99547	0.99088	1-12	771,414	761,375	767,313	0.98699	0.99468	0.99226
K-12	740,976	702,547	708,664	0.94814	0.95639	0.99137	K-12	839,404	795,404	801,377	0.94758	0.95470	0.99255
1985-86							1991-92						
K	60,984	30,590	30,492	0.50161	0.50000	1.00324	K	69,003	34,560	34,584	0.50085	0.50119	0.99930
1-6	334,552	334,459	334,443	0.99972	0.99967	1.00005	1-6	430,823	430,779	430,702	0.99990	0.99972	1.00018
7-8	109,946	109,500	109,887	0.99594	0.99946	0.99648	7-8	130,014	129,228	129,866	0.99396	0.99886	0.99509
9-12	243,248	234,400	239,923	0.96363	0.98633	0.97698	9-12	238,836	228,473	234,575	0.95661	0.98216	0.97399
1-12	687,746	678,359	684,253	0.98635	0.99492	0.99139	1-12	799,673	788,481	795,143	0.98600	0.99433	0.99162
K-12	748,730	708,949	714,745	0.94687	0.95461	0.99189	K-12	868,676	823,040	829,727	0.94747	0.95516	0.99194
1986-87							1992-93						
K	63,096	31,675	31,559	0.50202	0.50017	1.00369	K	68,835	34,555	34,507	0.50199	0.50130	1.00139
1-6	348,173	348,416	348,147	1.00070	0.99992	1.00077	1-6	440,663	440,993	440,449	1.00075	0.99952	1.00123
7-8	108,437	107,811	108,391	0.99422	0.99958	0.99464	7-8	137,754	137,001	137,499	0.99454	0.99815	0.99638
9-12	242,141	232,834	238,594	0.96156	0.98535	0.97586	9-12	247,504	237,210	243,047	0.95841	0.98199	0.97599
1-12	698,751	689,061	695,132	0.98613	0.99482	0.99127	1-12	825,921	815,205	820,995	0.98702	0.99404	0.99295
K-12	761,847	720,736	726,691	0.94604	0.95385	0.99181	K-12	894,756	849,759	855,501	0.94971	0.95613	0.99329
1987-88							1993-94						
K	64,936	32,627	32,478	0.50245	0.50015	1.00460	K	69,477	34,815	34,814	0.50110	0.50108	1.00003
1-6	364,434	364,753	364,397	1.00088	0.99990	1.00098	1-6	445,430	444,581	444,907	0.99809	0.99882	0.99927
7-8	109,866	109,472	109,825	0.99642	0.99963	0.99679	7-8	143,485	142,207	143,092	0.99109	0.99726	0.99381
9-12	236,683	226,997	233,054	0.95908	0.98467	0.97401	9-12	258,622	244,193	251,125	0.94421	0.97101	0.97240
1-12	710,983	701,223	707,276	0.98627	0.99479	0.99144	1-12	847,537	830,981	839,124	0.98047	0.99007	0.99030
K-12	775,919	733,850	739,753	0.94578	0.95339	0.99202	K-12	917,014	865,796	873,938	0.94415	0.95303	0.99068

Appendix Table 1b. Ratios of Average Annual FTEs to October Headcount and October FTEs for Selected Grade Groups

Public School	October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct. Ratio	Oct. FTE Oct. Hdct. Ratio	AA FTE Oct. FTE Ratio		October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct. Ratio	Oct. FTE Oct. Hdct. Ratio	AA FTE Oct. FTE Ratio
1994-95							1999-00						
K	71,521	35,815	35,763	0.50076	0.50004	1.00144	K	68,524	34,236	34,230	0.49962	0.49953	1.00019
1-6	447,140	446,207	446,379	0.99791	0.99830	0.99961	1-6	464,556	462,823	464,274	0.99627	0.99939	0.99687
7-8	148,085	146,510	147,573	0.98937	0.99655	0.99280	7-8	154,340	152,919	162,623	0.99080	1.05367	0.94033
9-12	269,511	253,382	260,870	0.94016	0.96794	0.97130	9-12	313,018	290,515	212,733	0.92811	0.67962	1.36563
1-12	864,736	846,099	854,822	0.97845	0.98854	0.98980	1-12	931,914	906,257	839,631	0.97247	0.90097	1.07935
K-12	936,257	881,914	890,586	0.94196	0.95122	0.99026	K-12	1,000,438	940,493	873,861	0.94008	0.87348	1.07625
1995-96							2000-01						
K	73,536	36,843	36,756	0.50102	0.49984	1.00236	K	68,336	34,212	34,142	0.50065	0.49962	1.00206
1-6	449,737	449,342	449,233	0.99912	0.99888	1.00024	1-6	463,622	462,794	466,452	0.99821	1.00610	0.99216
7-8	151,106	149,842	150,649	0.99163	0.99698	0.99464	7-8	154,294	153,120	162,810	0.99239	1.05519	0.94048
9-12	279,823	262,974	269,991	0.93979	0.96486	0.97401	9-12	314,326	292,309	212,999	0.92996	0.67764	1.37235
1-12	880,666	862,158	869,874	0.97898	0.98775	0.99113	1-12	932,242	908,223	842,261	0.97424	0.90348	1.07832
K-12	954,202	899,001	906,630	0.94215	0.95014	0.99159	K-12	1,000,578	942,436	876,403	0.94189	0.87590	1.07535
1996-97							2001-02						
K	73,622	36,751	36,809	0.49918	0.49998	0.99841	K	68,319	34,163	34,131	0.50005	0.49959	1.00093
1-6	456,426	455,729	455,926	0.99847	0.99890	0.99957	1-6	462,580	461,176	467,549	0.99697	1.01074	0.98637
7-8	152,545	151,191	152,038	0.99112	0.99668	0.99442	7-8	157,634	156,353	163,086	0.99187	1.03459	0.95871
9-12	292,724	273,768	281,302	0.93524	0.96098	0.97322	9-12	317,743	295,890	216,681	0.93122	0.68194	1.36555
1-12	901,695	880,688	889,266	0.97670	0.98622	0.99035	1-12	937,957	913,419	847,316	0.97384	0.90336	1.07801
K-12	975,317	917,439	926,076	0.94066	0.94951	0.99067	K-12	1,006,276	947,582	881,447	0.94167	0.87595	1.07503
1997-98							2002-03						
K	72,962	36,430	36,437	0.49930	0.49939	0.99982	K	69,369	34,698	34,667	0.50020	0.49975	1.00089
1-6	461,416	459,610	459,956	0.99609	0.99684	0.99925	1-6	456,747	455,580	465,098	0.99745	1.01828	0.97954
7-8	154,304	152,708	159,036	0.98966	1.03067	0.96021	7-8	161,551	160,318	166,317	0.99237	1.02950	0.96393
9-12	301,483	280,856	206,067	0.93158	0.68351	1.36294	9-12	321,681	298,912	218,912	0.92922	0.68053	1.36544
1-12	917,203	893,175	825,059	0.97380	0.89954	1.08256	1-12	939,979	914,810	850,328	0.97322	0.90462	1.07583
K-12	990,165	929,605	861,495	0.93884	0.87005	1.07906	K-12	1,009,348	949,509	884,995	0.94071	0.87680	1.07290
1998-99							2003-04						
K	71,260	35,612	35,619	0.49975	0.49985	0.99981	K	70,539	35,281	35,249	0.50017	0.49972	1.00090
1-6	464,504	462,867	463,597	0.99648	0.99805	0.99843	1-6	454,034	453,105	460,074	0.99795	1.01330	0.98485
7-8	155,463	154,038	161,427	0.99083	1.03836	0.95423	7-8	163,026	161,883	169,876	0.99299	1.04202	0.95295
9-12	307,699	286,311	209,312	0.93049	0.68025	1.36787	9-12	326,593	302,091	220,891	0.92498	0.67635	1.36760
1-12	927,666	903,216	834,336	0.97364	0.89939	1.08256	1-12	943,653	917,079	850,841	0.97184	0.90165	1.07785
K-12	998,926	938,829	869,955	0.93984	0.87089	1.07917	K-12	1,014,192	952,360	886,091	0.93903	0.87369	1.07479

Note: Some independently derived ratios may not match due to rounding of FTE data. Unduplicated Running Start headcount distributed in grades 11 and 12.

Note: Historical data linked to most recent CFC forecast xls file.

Appendix Table 1c. Ratios of Average Annual FTEs to October Headcount and October FTEs for Selected Grade Groups

Public School	October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct. Ratio	Oct. FTE Oct. Hdct Ratio	AA FTE Oct. FTE Ratio	Public School	October Headcount	AA FTE	October FTE	AA FTE Oct. Hdct. Ratio	Oct. FTE Oct. Hdct Ratio	AA FTE Oct. FTE Ratio
2004-05 Actual							2009-10 Forecast						
K	71,522	35,796	35,731	0.50049	0.49958	1.00181	K	74,608	37,284	74,155	0.49973	0.99393	0.50278
1-6	452,267	451,465	457,510	0.99823	1.01159	0.98679	1-6	470,355	469,101	73,413	0.99733	0.15608	6.38992
7-8	162,220	161,265	170,665	0.99411	1.05206	0.94492	7-8	156,375	155,448	75,324	0.99407	0.48169	2.06374
9-12	331,585	307,451	224,547	0.92722	0.67719	1.36921	9-12	334,984	310,579	75,809	0.92715	0.22631	4.09686
1-12	946,072	920,181	852,722	0.97263	0.90133	1.07911	1-12	961,713	935,128	78,534	0.97236	0.08166	11.90736
K-12	1,017,594	955,977	888,453	0.93945	0.87309	1.07600	K-12	1,036,321	972,412	80,688	0.93833	0.07786	12.05144
2005-06 Actual							2010-11 Forecast						
K	72,728	36,335	36,317	0.49960	0.49935	1.00051	K	75,142	37,550	75,227	0.49973	1.00113	0.49916
1-6	454,068	453,035	456,839	0.99773	1.00610	0.99167	1-6	474,773	473,508	75,205	0.99733	0.15840	6.29622
7-8	161,203	160,290	170,572	0.99434	1.05812	0.93972	7-8	158,652	157,711	74,505	0.99407	0.46961	2.11679
9-12	337,042	311,696	229,746	0.92480	0.68165	1.35670	9-12	331,609	307,583	76,377	0.92755	0.23032	4.02717
1-12	952,313	925,021	857,157	0.97134	0.90008	1.07917	1-12	965,034	938,802	76,739	0.97282	0.07952	12.23367
K-12	1,025,041	961,357	893,474	0.93787	0.87165	1.07598	K-12	1,040,176	976,352	79,545	0.93864	0.07647	12.27425
2006-07 Actual													
K	72,810	36,395	36,351	0.49986	0.49926	1.00120							
1-6	456,736	455,636	456,728	0.99759	0.99998	0.99761							
7-8	157,900	156,945	169,619	0.99395	1.07422	0.92528							
9-12	339,084	313,370	231,452	0.92417	0.68258	1.35393							
1-12	953,720	925,950	857,799	0.97088	0.89942	1.07945							
K-12	1,026,530	962,345	894,150	0.93747	0.87104	1.07627							
2007-08 Actual													
K	72,127	36,068	36,009	0.50006	0.49924	1.00164							
1-6	460,055	458,861	459,961	0.99740	0.99979	0.99761							
7-8	156,121	155,178	166,175	0.99396	1.06440	0.93382							
9-12	338,155	313,598	233,282	0.92738	0.68987	1.34429							
1-12	954,331	927,637	859,418	0.97203	0.90054	1.07938							
K-12	1,026,458	963,704	895,426	0.93886	0.87235	1.07625							
2008-09 Estimate													
K	74,608	37,018	37,018	0.49616	0.49616	1.00000							
1-6	464,986	463,100	464,672	0.99594	0.99933	0.99662							
7-8	156,023	154,905	164,868	0.99284	1.05669	0.93957							
9-12	336,327	311,997	233,085	0.92766	0.69303	1.33855							
1-12	957,336	930,002	862,626	0.97145	0.90107	1.07811							
K-12	1,031,376	967,020	899,644	0.93760	0.87228	1.07489							

Note: Some independently derived ratios may not match due to rounding of FTE data. Unduplicated Running Start headcount distributed in grades 11 and 12.

Note: Historical data linked to most recent CFC forecast xls file.

Appendix Table 2a. Total Public and Private School October Headcount Enrollment and Grade Succession Ratios

Year of Birth	Live Births	October	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12
1976	53,004	1982	59,376	59,363	56,528	56,015	56,120	58,847	65,304	67,955	65,274	64,409	62,178	59,212	59,182	789,763
1977	57,256	1983	59,942	63,428	57,340	56,579	56,215	56,492	59,477	66,019	67,463	67,505	62,623	59,776	57,625	790,484
1978	58,725	1984	63,649	64,975	61,434	57,419	56,807	56,694	56,942	60,240	65,917	69,985	64,919	60,244	58,095	797,320
1979	64,377	1985	66,494	68,265	61,995	60,976	57,310	56,906	57,035	57,703	59,858	68,184	67,325	62,885	58,207	803,143
1980	67,989	1986	68,908	71,597	65,557	62,294	61,333	57,802	57,729	57,938	57,685	62,415	66,134	64,785	61,318	815,495
1981	69,987	1987	70,991	74,126	68,966	66,137	62,862	62,117	58,742	58,938	57,984	60,553	60,871	63,895	63,085	829,267
1982	69,681	1988	72,005	76,496	71,528	69,747	66,704	63,921	63,221	59,694	59,070	61,253	58,599	59,148	62,459	843,845
1983	68,794	1989	72,496	77,722	74,690	72,802	70,880	68,030	65,112	64,659	59,946	62,646	59,621	57,182	58,109	863,895
1984	69,059	1990	74,585	78,014	77,114	76,307	74,550	72,626	69,793	66,754	65,429	64,465	61,703	58,496	55,855	895,691
1985	70,357	1991	75,803	79,193	77,629	78,199	77,555	75,696	74,038	71,169	67,125	70,173	63,006	59,903	57,325	926,814
1986	69,572	1992	75,464	80,210	79,133	78,977	79,255	78,773	76,791	75,212	71,307	72,450	67,927	61,096	58,253	954,848
1987	70,409	1993	76,313	79,553	79,845	80,026	79,840	80,169	79,497	77,745	75,079	75,612	69,312	65,874	60,664	979,529
1988	72,660	1994	78,758	80,172	79,227	80,416	80,699	80,358	80,827	80,254	77,470	79,557	72,981	66,780	63,806	1,001,305
1989	75,595	1995	81,088	82,541	79,981	79,684	80,920	81,307	81,098	81,333	79,994	82,144	76,795	69,850	65,364	1,022,099
1990	79,468	1996	81,308	85,028	82,599	80,573	80,549	81,691	82,273	82,032	81,123	85,642	79,434	73,530	68,624	1,044,406
1991	79,962	1997	80,716	85,226	85,081	83,160	81,354	81,259	82,693	83,430	81,935	87,903	82,437	75,791	71,243	1,062,228
1992	79,897	1998	79,054	85,257	84,609	85,480	83,606	81,866	82,149	83,702	82,938	89,665	83,522	78,097	72,861	1,072,806
1993	78,771	1999	76,041	83,176	84,282	84,486	85,375	83,727	82,285	82,456	82,992	90,736	84,605	78,962	75,245	1,074,368
1994	77,368	2000	75,944	80,743	82,442	84,610	84,820	85,999	84,576	82,834	82,456	91,546	84,636	79,932	75,131	1,075,669
1995	77,240	2001	75,924	81,042	80,223	83,155	85,006	85,597	86,990	85,419	83,187	90,877	86,077	81,520	76,348	1,081,365
1996	77,874	2002	76,769	79,370	80,111	80,480	83,183	85,243	86,096	87,459	85,176	91,910	85,146	82,520	78,842	1,082,305
1997	78,141	2003	77,488	80,404	78,464	80,166	80,740	83,431	85,715	86,409	87,330	92,943	85,641	82,667	80,954	1,082,352
1998	79,640	2004	78,353	81,085	80,102	79,058	80,848	81,403	84,321	86,458	86,787	94,629	87,827	83,726	82,103	1,086,700
1999	79,577	2005	79,909	82,448	81,438	81,137	80,257	82,170	82,668	85,530	87,244	94,557	89,787	86,601	83,459	1,097,205
2000	81,004	2006	80,107	83,075	82,423	82,254	81,793	81,103	82,873	83,532	86,118	95,178	89,891	87,417	85,496	1,101,260
2001	79,542	2007	79,662	83,408	83,135	83,157	82,884	82,548	82,003	83,697	84,008	93,787	89,871	87,184	86,158	1,101,502
2002	79,003	2008														
2003	80,482	2009														
2004	81,715	2010														
2005	82,625	2011														

Appendix Table 2b. Total Public and Private School October Headcount Enrollment and Grade Succession Ratios, continued

October	Birth-K	Birth-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1983	1.02868	1.11407	0.96592	1.00090	1.00357	1.00663	1.01071	1.01095	0.99276	1.03418	0.97227	0.96137	0.97320
1984	0.99526	1.11246	0.96856	1.00138	1.00403	1.00852	1.00797	1.01283	0.99845	1.03738	0.96169	0.96201	0.97188
1985	0.98721	1.06853	0.95414	0.99254	0.99810	1.00174	1.00601	1.01336	0.99366	1.03439	0.96199	0.96867	0.96619
1986	0.99458	1.06290	0.96033	1.00482	1.00585	1.00858	1.01446	1.01583	0.99969	1.04272	0.96993	0.96227	0.97508
1987	1.02822	1.07132	0.96325	1.00885	1.00912	1.01278	1.01626	1.02094	1.00079	1.04972	0.97526	0.96614	0.97376
1988	1.05749	1.10961	0.96495	1.01132	1.00857	1.01685	1.01777	1.01621	1.00224	1.05638	0.96773	0.97169	0.97753
1989	1.06102	1.14083	0.97639	1.01781	1.01624	1.01988	1.01863	1.02275	1.00422	1.06054	0.97336	0.97582	0.98243
1990	1.07034	1.14077	0.99218	1.02165	1.02401	1.02463	1.02592	1.02522	1.01191	1.07538	0.98495	0.98113	0.97679
1991	1.09906	1.13600	0.99506	1.01407	1.01635	1.01537	1.01944	1.01972	1.00556	1.07251	0.97737	0.97083	0.97998
1992	1.08021	1.16366	0.99924	1.01736	1.01350	1.01570	1.01447	1.01586	1.00194	1.07933	0.96799	0.96969	0.97246
1993	1.06000	1.13946	0.99545	1.01128	1.01093	1.01153	1.00919	1.01242	0.99823	1.06037	0.95669	0.96978	0.99293
1994	1.05235	1.11432	0.99590	1.00715	1.00841	1.00649	1.00821	1.00952	0.99646	1.05964	0.96520	0.96347	0.96860
1995	1.04977	1.12978	0.99762	1.00577	1.00627	1.00753	1.00921	1.00626	0.99676	1.06033	0.96528	0.95710	0.97879
1996	1.06009	1.12967	1.00070	1.00740	1.01086	1.00953	1.01188	1.01152	0.99742	1.07061	0.96701	0.95749	0.98244
1997	1.08956	1.12559	1.00062	1.00679	1.00969	1.00881	1.01227	1.01406	0.99882	1.08358	0.96258	0.95413	0.96890
1998	1.07179	1.15291	0.99276	1.00469	1.00536	1.00629	1.01095	1.01220	0.99410	1.09434	0.95016	0.94735	0.96135
1999	1.05028	1.12987	0.98856	0.99855	0.99877	1.00145	1.00512	1.00374	0.99152	1.09402	0.94357	0.94541	0.96348
2000	1.04184	1.10339	0.99118	1.00389	1.00395	1.00731	1.01014	1.00667	1.00000	1.10307	0.93277	0.94476	0.95148
2001	1.02039	1.09188	0.99356	1.00865	1.00468	1.00916	1.01152	1.00997	1.00426	1.10213	0.94026	0.96319	0.95516
2002	1.01683	1.06997	0.98851	1.00320	1.00034	1.00279	1.00583	1.00539	0.99716	1.10486	0.93694	0.95867	0.96715
2003	1.01025	1.06583	0.98859	1.00069	1.00323	1.00298	1.00554	1.00364	0.99853	1.09119	0.93179	0.97088	0.98103
2004	1.00359	1.06709	0.99624	1.00757	1.00851	1.00821	1.01067	1.00867	1.00437	1.08358	0.94496	0.97764	0.99317
2005	0.98285	1.05592	1.00435	1.01292	1.01517	1.01635	1.01554	1.01434	1.00909	1.08953	0.94883	0.98604	0.99681
2006	0.98322	1.04362	0.99970	1.01002	1.00809	1.01054	1.00856	1.01045	1.00687	1.09094	0.95065	0.97361	0.98724
2007	0.97496	1.04922	1.00072	1.00891	1.00766	1.00923	1.01110	1.00994	1.00570	1.08905	0.94424	0.96989	0.98560
2008													
2009													
2010													
2011													

Appendix Table 3a. Public School October Headcount Enrollment

Year of Birth	Live Births	October	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12
1976	53,004	1982	55,208	54,608	52,133	51,812	51,978	54,745	60,927	63,411	61,061	61,012	59,040	56,230	56,452	738,617
1977	57,256	1983	55,333	58,072	52,524	52,090	51,956	52,162	55,216	61,546	63,048	63,678	59,208	56,598	54,686	736,117
1978	58,725	1984	58,443	59,244	56,111	52,576	52,305	52,340	52,701	56,089	61,572	65,977	61,436	57,099	55,083	740,976
1979	64,377	1985	60,984	62,673	56,942	56,138	52,972	52,759	53,068	53,855	56,091	64,544	63,794	59,644	55,266	748,730
1980	67,989	1986	63,096	65,912	60,455	57,497	56,850	53,622	53,837	54,300	54,137	59,262	62,991	61,638	58,250	761,847
1981	69,987	1987	64,936	68,436	63,682	61,285	58,370	57,836	54,825	55,323	54,543	57,672	57,938	60,906	60,167	775,919
1982	69,681	1988	65,971	70,708	66,376	64,623	62,257	59,589	59,091	56,092	55,687	58,156	55,871	56,428	59,642	790,491
1983	68,794	1989	65,906	71,843	69,360	67,898	66,137	63,781	60,923	60,836	56,536	59,640	56,761	54,595	55,548	809,764
1984	69,059	1990	67,990	71,939	71,610	71,186	69,751	67,872	65,469	62,649	61,584	61,391	58,759	55,795	53,409	839,404
1985	70,357	1991	69,003	73,150	71,885	72,872	72,584	71,023	69,309	66,925	63,089	66,822	59,998	57,211	54,805	868,676
1986	69,572	1992	68,835	73,910	73,321	73,408	74,167	73,823	72,034	70,561	67,193	68,842	64,696	58,243	55,723	894,756
1987	70,409	1993	69,477	73,198	73,955	74,292	74,429	75,115	74,441	72,952	70,533	71,937	65,857	62,806	58,022	917,014
1988	72,660	1994	71,521	73,707	73,152	74,610	75,092	75,004	75,575	75,274	72,811	75,534	69,448	63,584	60,945	936,257
1989	75,595	1995	73,536	75,735	73,772	73,825	75,233	75,671	75,501	76,089	75,017	78,035	72,943	66,488	62,357	954,202
1990	79,468	1996	73,622	78,084	76,226	74,644	74,837	76,082	76,553	76,548	75,997	81,454	75,650	70,006	65,614	975,317
1991	79,962	1997	72,962	78,005	78,430	76,938	75,566	75,575	76,902	77,686	76,618	83,386	78,211	72,053	67,833	990,165
1992	79,897	1998	71,260	77,960	77,674	78,978	77,561	76,067	76,264	78,022	77,441	84,994	79,169	74,120	69,416	998,926
1993	78,771	1999	68,524	75,906	77,313	77,828	79,124	77,877	76,508	76,787	77,553	86,100	80,211	75,006	71,701	1,000,438
1994	77,368	2000	68,336	73,453	75,394	77,925	78,390	79,839	78,621	77,283	77,011	86,815	80,248	75,801	71,462	1,000,578
1995	77,240	2001	68,319	73,734	73,412	76,591	78,574	79,388	80,881	79,748	77,886	86,157	81,591	77,441	72,554	1,006,276
1996	77,874	2002	69,369	72,613	73,589	74,217	77,141	79,174	80,013	81,744	79,807	87,504	80,737	78,358	75,082	1,009,348
1997	78,141	2003	70,539	74,065	72,550	74,394	75,133	77,860	80,032	80,865	82,161	88,774	81,791	78,753	77,275	1,014,192
1998	79,640	2004	71,522	74,886	74,183	73,403	75,332	75,831	78,632	80,867	81,353	90,065	83,515	79,813	78,192	1,017,594
1999	79,577	2005	72,728	75,935	75,224	75,206	74,526	76,440	76,737	79,669	81,534	89,734	85,238	82,434	79,636	1,025,041
2000	81,004	2006	72,810	76,520	76,112	76,064	75,826	75,289	76,925	77,600	80,300	90,025	84,914	82,866	81,279	1,026,530
2001	79,542	2007	72,127	76,676	76,878	76,985	76,813	76,650	76,053	77,864	78,257	88,727	84,951	82,567	81,910	1,026,458
2002	79,003	2008	74,040	76,142	77,497	78,050	78,119	77,860	77,318	77,117	78,906	86,753	83,400	83,318	82,856	1,031,376
2003	80,482	2009	74,608	77,931	77,187	78,583	79,110	79,094	78,449	78,315	78,060	87,544	81,545	81,973	83,923	1,036,321
2004	81,715	2010	75,142	78,459	78,767	78,229	79,610	80,057	79,652	79,420	79,232	86,605	82,288	80,149	82,567	1,040,176
2005	82,625															
2006	86,845															
2007	88,921															
2008																
2009																
2010																

Appendix Table 3b. Public School October Grade Succession Ratios

October	Birth-K	Birth-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1983	0.94224	1.01425	0.96184	0.99918	1.00278	1.00354	1.00860	1.01016	0.99428	1.04286	0.97043	0.95864	0.97254
1984	0.90782	1.00884	0.96623	1.00099	1.00413	1.00739	1.01033	1.01581	1.00042	1.04646	0.96479	0.96438	0.97323
1985	0.89697	0.97353	0.96114	1.00048	1.00753	1.00868	1.01391	1.02190	1.00004	1.04827	0.96691	0.97083	0.96790
1986	0.90154	0.96945	0.96461	1.00975	1.01268	1.01227	1.02043	1.02322	1.00524	1.05653	0.97594	0.96620	0.97663
1987	0.93190	0.97784	0.96617	1.01373	1.01518	1.01734	1.02243	1.02760	1.00448	1.06530	0.97766	0.96690	0.97613
1988	0.95896	1.01474	0.96990	1.01478	1.01586	1.02088	1.02170	1.02311	1.00658	1.06624	0.96877	0.97394	0.97925
1989	0.95434	1.04432	0.98094	1.02293	1.02343	1.02448	1.02239	1.02953	1.00792	1.07099	0.97601	0.97716	0.98440
1990	0.96636	1.04170	0.99676	1.02633	1.02729	1.02623	1.02647	1.02833	1.01230	1.08587	0.98523	0.98298	0.97828
1991	0.99182	1.03970	0.99925	1.01762	1.01964	1.01824	1.02117	1.02224	1.00702	1.08505	0.97731	0.97366	0.98226
1992	0.97764	1.06235	1.00234	1.02119	1.01777	1.01707	1.01423	1.01806	1.00400	1.09119	0.96818	0.97075	0.97399
1993	0.95619	1.03961	1.00061	1.01324	1.01391	1.01278	1.00837	1.01274	0.99960	1.07060	0.95664	0.97079	0.99620
1994	0.94611	1.01441	0.99937	1.00886	1.01077	1.00773	1.00612	1.01119	0.99807	1.07090	0.96540	0.96549	0.97036
1995	0.92535	1.00185	1.00088	1.00920	1.00835	1.00771	1.00663	1.00680	0.99659	1.07175	0.96570	0.95738	0.98069
1996	0.92071	0.98258	1.00648	1.01182	1.01371	1.01128	1.01166	1.01387	0.99879	1.08581	0.96944	0.95974	0.98685
1997	0.91320	0.97553	1.00443	1.00934	1.01235	1.00986	1.01078	1.01480	1.00091	1.09723	0.96019	0.95245	0.96896
1998	0.90465	0.97576	0.99576	1.00699	1.00810	1.00663	1.00912	1.01456	0.99685	1.10932	0.94943	0.94769	0.96341
1999	0.88569	0.96363	0.99170	1.00198	1.00185	1.00407	1.00580	1.00686	0.99399	1.11181	0.94373	0.94742	0.96736
2000	0.88472	0.94940	0.99325	1.00792	1.00722	1.00904	1.00955	1.01013	1.00292	1.11943	0.93203	0.94502	0.95275
2001	0.87730	0.95461	0.99944	1.01588	1.00833	1.01273	1.01305	1.01433	1.00780	1.11876	0.93983	0.96503	0.95716
2002	0.88774	0.93244	0.99803	1.01097	1.00718	1.00764	1.00787	1.01067	1.00074	1.12349	0.93709	0.96037	0.96953
2003	0.88572	0.94784	0.99913	1.01094	1.01234	1.00932	1.01084	1.01065	1.00510	1.11236	0.93471	0.97543	0.98618
2004	0.89878	0.94031	1.00159	1.01176	1.01261	1.00929	1.00992	1.01043	1.00603	1.09620	0.94076	0.97582	0.99287
2005	0.89783	0.95423	1.00451	1.01379	1.01530	1.01471	1.01195	1.01319	1.00825	1.10302	0.94641	0.98705	0.99778
2006	0.91537	0.94464	1.00233	1.01117	1.00824	1.01024	1.00634	1.01125	1.00792	1.10414	0.94629	0.97217	0.98599
2007	0.91297	0.96397	1.00468	1.01147	1.00985	1.01087	1.01015	1.01221	1.00847	1.10494	0.94364	0.97236	0.98846
2008	0.91996	0.96379	1.01071	1.01524	1.01473	1.01363	1.00871	1.01399	1.01338	1.10857	0.93996	0.98078	1.00350
2009	0.91303	0.96831	1.01372	1.01402	1.01358	1.01248	1.00756	1.01290	1.01222	1.10947	0.93996	0.98289	1.00725
2010	0.90943	0.96015	1.01073	1.01350	1.01306	1.01197	1.00705	1.01238	1.01171	1.10947	0.93996	0.98289	1.00725

Appendix 4a. Private School October Headcount Enrollment

Year of Birth	Live Births	October	Pre-school	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12	Total
1976	53,004	1982	2,949	4,168	4,755	4,395	4,203	4,142	4,102	4,377	4,544	4,213	3,397	3,138	2,982	2,730	51,146	54,095
1977	57,256	1983	3,400	4,609	5,356	4,816	4,489	4,259	4,330	4,261	4,473	4,415	3,827	3,415	3,178	2,939	54,367	57,767
1978	58,725	1984	4,350	5,206	5,731	5,323	4,843	4,502	4,354	4,241	4,151	4,345	4,008	3,483	3,145	3,012	56,344	60,694
1979	64,377	1985	5,032	5,510	5,592	5,053	4,838	4,338	4,147	3,967	3,848	3,767	3,640	3,531	3,241	2,941	54,413	59,445
1980	67,989	1986	5,962	5,812	5,685	5,102	4,797	4,483	4,180	3,892	3,638	3,548	3,153	3,143	3,147	3,068	53,648	59,610
1981	69,987	1987	6,198	6,055	5,690	5,284	4,852	4,492	4,281	3,917	3,615	3,441	2,881	2,933	2,989	2,918	53,348	59,546
1982	69,681	1988	6,435	6,034	5,788	5,152	5,124	4,447	4,332	4,130	3,602	3,383	3,097	2,728	2,720	2,817	53,354	59,789
1983	68,794	1989	6,717	6,590	5,879	5,330	4,904	4,743	4,249	4,189	3,823	3,410	3,006	2,860	2,587	2,561	54,131	60,848
1984	69,059	1990	7,325	6,595	6,075	5,504	5,121	4,799	4,754	4,324	4,105	3,845	3,074	2,944	2,701	2,446	56,287	63,612
1985	70,357	1991	6,900	6,800	6,043	5,744	5,327	4,971	4,673	4,729	4,244	4,036	3,351	3,008	2,692	2,520	58,138	65,038
1986	69,572	1992	6,346	6,629	6,300	5,812	5,569	5,088	4,950	4,757	4,651	4,114	3,608	3,231	2,853	2,530	60,092	66,438
1987	70,409	1993	6,667	6,836	6,355	5,890	5,734	5,411	5,054	5,056	4,793	4,546	3,675	3,455	3,068	2,642	62,515	69,182
1988	72,660	1994	6,984	7,237	6,465	6,075	5,806	5,607	5,354	5,252	4,980	4,659	4,023	3,533	3,196	2,861	65,048	72,032
1989	75,595	1995	6,812	7,552	6,806	6,209	5,859	5,687	5,636	5,597	5,244	4,977	4,109	3,852	3,362	3,007	67,897	74,709
1990	79,468	1996	7,217	7,686	6,944	6,373	5,929	5,712	5,609	5,720	5,484	5,126	4,188	3,784	3,524	3,010	69,089	76,306
1991	79,962	1997	6,863	7,754	7,221	6,651	6,222	5,788	5,684	5,791	5,744	5,317	4,517	4,226	3,738	3,410	72,063	78,926
1992	79,897	1998	7,168	7,794	7,297	6,935	6,502	6,045	5,799	5,885	5,680	5,497	4,671	4,353	3,977	3,445	73,880	81,048
1993	78,771	1999	5,613	7,517	7,270	6,969	6,658	6,251	5,850	5,777	5,669	5,439	4,636	4,394	3,956	3,544	73,930	79,543
1994	77,368	2000	7,636	7,608	7,290	7,048	6,685	6,430	6,160	5,955	5,551	5,445	4,731	4,388	4,131	3,669	75,091	82,727
1995	77,240	2001	7,849	7,605	7,308	6,811	6,564	6,432	6,209	6,109	5,671	5,301	4,720	4,486	4,079	3,794	75,089	82,938
1996	77,874	2002	8,028	7,400	6,757	6,522	6,263	6,042	6,069	6,083	5,715	5,369	4,406	4,409	4,162	3,760	72,957	80,985
1997	78,141	2003	8,272	6,949	6,339	5,914	5,772	5,607	5,571	5,683	5,544	5,169	4,169	3,850	3,914	3,679	68,160	76,432
1998	79,640	2004	8,390	6,831	6,199	5,919	5,655	5,516	5,572	5,689	5,591	5,434	4,564	4,312	3,913	3,911	69,106	77,496
1999	79,577	2005	9,427	7,181	6,513	6,214	5,931	5,731	5,730	5,931	5,861	5,710	4,823	4,549	4,167	3,823	72,164	81,591
2000	81,004	2006	9,411	7,297	6,555	6,311	6,190	5,967	5,814	5,948	5,932	5,818	5,153	4,977	4,551	4,217	74,730	84,141
2001	79,542	2007	9,257	7,535	6,732	6,257	6,172	6,071	5,898	5,950	5,833	5,751	5,060	4,920	4,617	4,248	75,044	84,301
2002	79,003	2008																
2003	80,482	2009																
2004	81,715	2010																
2005	82,625	2011																
2006	86,845																	
2007	88,921																	

Appendix 4b. Private School October Grade Succession Ratios

October	Birth-K	Birth-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1983	0.07848	0.09354	1.01283	1.02139	1.01332	1.04539	1.03876	1.02193	0.97161	0.90838	1.00530	1.01275	0.98558
1984	0.08087	0.09759	0.99384	1.00561	1.00290	1.02231	0.97945	0.97418	0.97138	0.90781	0.91011	0.92094	0.94777
1985	0.08104	0.08686	0.88170	0.90889	0.89573	0.92115	0.91112	0.90733	0.90749	0.83774	0.88099	0.93052	0.93514
1986	0.08304	0.08362	0.91237	0.94934	0.92662	0.96358	0.93851	0.91707	0.92204	0.83701	0.86346	0.89125	0.94662
1987	0.08690	0.08130	0.92946	0.95100	0.93642	0.95494	0.93708	0.92883	0.94585	0.81201	0.93023	0.95100	0.92723
1988	0.08771	0.08306	0.90545	0.96972	0.91653	0.96438	0.96473	0.91958	0.93582	0.90003	0.94689	0.92738	0.94246
1989	0.09543	0.08546	0.92087	0.95186	0.92564	0.95548	0.96699	0.92567	0.94670	0.88856	0.92347	0.94831	0.94154
1990	0.09374	0.08797	0.93621	0.96079	0.97859	1.00232	1.01765	0.97995	1.00575	0.90147	0.97937	0.94441	0.94550
1991	0.09774	0.08589	0.94551	0.96784	0.97071	0.97374	0.99474	0.98150	0.98319	0.87152	0.97853	0.91440	0.93299
1992	0.09415	0.09055	0.96177	0.96953	0.95513	0.99578	1.01798	0.98351	0.96937	0.89395	0.96419	0.94847	0.93982
1993	0.09408	0.09026	0.93492	0.98658	0.97163	0.99332	1.02141	1.00757	0.97742	0.89329	0.95759	0.94955	0.92604
1994	0.09573	0.08898	0.95594	0.98574	0.97785	0.98947	1.03918	0.98497	0.97204	0.88495	0.96136	0.92504	0.93253
1995	0.09503	0.09003	0.96040	0.96444	0.97950	1.00517	1.04539	0.99848	0.99940	0.88195	0.95749	0.95160	0.94086
1996	0.09612	0.08738	0.93638	0.95490	0.97491	0.98628	1.01490	0.97981	0.97750	0.84147	0.92091	0.91485	0.89530
1997	0.09705	0.09031	0.95781	0.97631	0.97622	0.99510	1.03245	1.00420	0.96955	0.88119	1.00907	0.98784	0.96765
1998	0.09895	0.09133	0.96039	0.97760	0.97155	1.00190	1.03536	0.98083	0.95700	0.87850	0.96369	0.94108	0.92162
1999	0.09716	0.09229	0.95505	0.96006	0.96140	0.96774	0.99621	0.96330	0.95757	0.84337	0.94070	0.90880	0.89112
2000	0.09850	0.09423	0.96946	0.95925	0.96576	0.98544	1.01795	0.96088	0.96049	0.86983	0.94651	0.94015	0.92745
2001	0.09766	0.09461	0.93429	0.93133	0.96215	0.96563	0.99172	0.95231	0.95496	0.86685	0.94821	0.92958	0.91842
2002	0.09470	0.08677	0.89245	0.91954	0.92048	0.94356	0.97971	0.93550	0.94675	0.83116	0.93411	0.92778	0.92179
2003	0.08726	0.08112	0.87524	0.88500	0.89526	0.92205	0.93640	0.91139	0.90446	0.77649	0.87381	0.88773	0.88395
2004	0.08584	0.07784	0.93374	0.95621	0.95565	0.99376	1.02118	0.98381	0.98016	0.88296	1.03430	1.01636	0.99923
2005	0.08865	0.08185	1.00242	1.00203	1.01344	1.03880	1.06443	1.03023	1.02128	0.88756	0.99671	0.96637	0.97700
2006	0.09174	0.08092	0.96899	0.99614	1.00607	1.01448	1.03805	1.00017	0.99266	0.90245	1.03193	1.00044	1.01200
2007	0.09538	0.08463	0.95454	0.97797	0.98078	0.98844	1.02339	0.98067	0.96949	0.86971	0.95478	0.92767	0.93342
2008													
2009													
2010													

Appendix Table 5. Total Public and Private School October Headcount Enrollment

Grade	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
K	59,376	59,942	63,649	66,494	68,908	70,991	72,005	72,496	74,585	75,803	75,464
1	59,363	63,428	64,975	68,265	71,597	74,126	76,496	77,722	78,014	79,193	80,210
2	56,528	57,340	61,434	61,995	65,557	68,966	71,528	74,690	77,114	77,629	79,133
3	56,015	56,579	57,419	60,976	62,294	66,137	69,747	72,802	76,307	78,199	78,977
4	56,120	56,215	56,807	57,310	61,333	62,862	66,704	70,880	74,550	77,555	79,255
5	58,847	56,492	56,694	56,906	57,802	62,117	63,921	68,030	72,626	75,696	78,773
6	65,304	59,477	56,942	57,035	57,729	58,742	63,221	65,112	69,793	74,038	76,791
7	67,955	66,019	60,240	57,703	57,938	58,938	59,694	64,659	66,754	71,169	75,212
8	65,274	67,463	65,917	59,858	57,685	57,984	59,070	59,946	65,429	67,125	71,307
9	64,409	67,505	69,985	68,184	62,415	60,553	61,253	62,646	64,465	70,173	72,450
10	62,178	62,623	64,919	67,325	66,134	60,871	58,599	59,621	61,703	63,006	67,927
11	59,212	59,776	60,244	62,885	64,785	63,895	59,148	57,182	58,496	59,903	61,096
12	59,182	57,625	58,095	58,207	61,318	63,085	62,459	58,109	55,855	57,325	58,253
1-6	352,177	349,531	354,271	362,487	376,312	392,950	411,617	429,236	448,404	462,310	473,139
7-8	133,229	133,482	126,157	117,561	115,623	116,922	118,764	124,605	132,183	138,294	146,519
9-12	244,981	247,529	253,243	256,601	254,652	248,404	241,459	237,558	240,519	250,407	259,726
1-12	730,387	730,542	733,671	736,649	746,587	758,276	771,840	791,399	821,106	851,011	879,384
K-12	789,763	790,484	797,320	803,143	815,495	829,267	843,845	863,895	895,691	926,814	954,848

Appendix Table 5. Total Public and Private School October Headcount Enrollment (continued)

Grade	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
K	76,313	78,758	81,088	81,308	80,716	79,054	76,041	75,944	75,924	76,769	77,488
1	79,553	80,172	82,541	85,028	85,226	85,257	83,176	80,743	81,042	79,370	80,404
2	79,845	79,227	79,981	82,599	85,081	84,609	84,282	82,442	80,223	80,111	78,464
3	80,026	80,416	79,684	80,573	83,160	85,480	84,486	84,610	83,155	80,480	80,166
4	79,840	80,699	80,920	80,549	81,354	83,606	85,375	84,820	85,006	83,183	80,740
5	80,169	80,358	81,307	81,691	81,259	81,866	83,727	85,999	85,597	85,243	83,431
6	79,497	80,827	81,098	82,273	82,693	82,149	82,285	84,576	86,990	86,096	85,715
7	77,745	80,254	81,333	82,032	83,430	83,702	82,456	82,834	85,419	87,459	86,409
8	75,079	77,470	79,994	81,123	81,935	82,938	82,992	82,456	83,187	85,176	87,330
9	75,612	79,557	82,144	85,642	87,903	89,665	90,736	91,546	90,877	91,910	92,943
10	69,312	72,981	76,795	79,434	82,437	83,522	84,605	84,636	86,077	85,146	85,641
11	65,874	66,780	69,850	73,530	75,791	78,097	78,962	79,932	81,520	82,520	82,667
12	60,664	63,806	65,364	68,624	71,243	72,861	75,245	75,131	76,348	78,842	80,954
1-6	478,930	481,699	485,531	492,713	498,773	502,967	503,331	503,190	502,013	494,483	488,920
7-8	152,824	157,724	161,327	163,155	165,365	166,640	165,448	165,290	168,606	172,635	173,739
9-12	271,462	283,124	294,153	307,230	317,374	324,145	329,548	331,245	334,822	338,418	342,205
1-12	903,216	922,547	941,011	963,098	981,512	993,752	998,327	999,725	1,005,441	1,005,536	1,004,864
K-12	979,529	1,001,305	1,022,099	1,044,406	1,062,228	1,072,806	1,074,368	1,075,669	1,081,365	1,082,305	1,082,352

Appendix Table 5. Total Public and Private School October Headcount Enrollment (continued)

Grade	2004	2005	2006	2007
K	78,353	79,909	80,107	79,662
1	81,085	82,448	83,075	83,408
2	80,102	81,438	82,423	83,135
3	79,058	81,137	82,254	83,157
4	80,848	80,257	81,793	82,884
5	81,403	82,170	81,103	82,548
6	84,321	82,668	82,873	82,003
7	86,458	85,530	83,532	83,697
8	86,787	87,244	86,118	84,008
9	94,629	94,557	95,178	93,787
10	87,827	89,787	89,891	89,871
11	83,726	86,601	87,417	87,184
12	82,103	83,459	85,496	86,158
1-6	486,817	490,118	493,521	497,135
7-8	173,245	172,774	169,650	167,705
9-12	348,285	354,404	357,982	357,000
1-12	1,008,347	1,017,296	1,021,153	1,021,840
K-12	1,086,700	1,097,205	1,101,260	1,101,502

Appendix Table 6. Public School October Headcount Enrollment

Grade	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
K	55,208	55,333	58,443	60,984	63,096	64,936	65,971	65,906	67,990	69,003	68,835
1	54,608	58,072	59,244	62,673	65,912	68,436	70,708	71,843	71,939	73,150	73,910
2	52,133	52,524	56,111	56,942	60,455	63,682	66,376	69,360	71,610	71,885	73,321
3	51,812	52,090	52,576	56,138	57,497	61,285	64,623	67,898	71,186	72,872	73,408
4	51,978	51,956	52,305	52,972	56,850	58,370	62,257	66,137	69,751	72,584	74,167
5	54,745	52,162	52,340	52,759	53,622	57,836	59,589	63,781	67,872	71,023	73,823
6	60,927	55,216	52,701	53,068	53,837	54,825	59,091	60,923	65,469	69,309	72,034
7	63,411	61,546	56,089	53,855	54,300	55,323	56,092	60,836	62,649	66,925	70,561
8	61,061	63,048	61,572	56,091	54,137	54,543	55,687	56,536	61,584	63,089	67,193
9	61,012	63,678	65,977	64,544	59,262	57,672	58,156	59,640	61,391	66,822	68,842
10	59,040	59,208	61,436	63,794	62,991	57,938	55,871	56,761	58,759	59,998	64,696
11	56,230	56,598	57,099	59,644	61,638	60,906	56,428	54,595	55,795	57,211	58,243
12	56,452	54,686	55,083	55,266	58,250	60,167	59,642	55,548	53,409	54,805	55,723
1-6	326,203	322,020	325,277	334,552	348,173	364,434	382,644	399,942	417,827	430,823	440,663
7-8	124,472	124,594	117,661	109,946	108,437	109,866	111,779	117,372	124,233	130,014	137,754
9-12	232,734	234,170	239,595	243,248	242,141	236,683	230,097	226,544	229,354	238,836	247,504
1-12	683,409	680,784	682,533	687,746	698,751	710,983	724,520	743,858	771,414	799,673	825,921
K-12	738,617	736,117	740,976	748,730	761,847	775,919	790,491	809,764	839,404	868,676	894,756

Appendix Table 6. Public School October Headcount Enrollment (continued)

Grade	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
K	69,477	71,521	73,536	73,622	72,962	71,260	68,524	68,336	68,319	69,369	70,539
1	73,198	73,707	75,735	78,084	78,005	77,960	75,906	73,453	73,734	72,613	74,065
2	73,955	73,152	73,772	76,226	78,430	77,674	77,313	75,394	73,412	73,589	72,550
3	74,292	74,610	73,825	74,644	76,938	78,978	77,828	77,925	76,591	74,217	74,394
4	74,429	75,092	75,233	74,837	75,566	77,561	79,124	78,390	78,574	77,141	75,133
5	75,115	75,004	75,671	76,082	75,575	76,067	77,877	79,839	79,388	79,174	77,860
6	74,441	75,575	75,501	76,553	76,902	76,264	76,508	78,621	80,881	80,013	80,032
7	72,952	75,274	76,089	76,548	77,686	78,022	76,787	77,283	79,748	81,744	80,865
8	70,533	72,811	75,017	75,997	76,618	77,441	77,553	77,011	77,886	79,807	82,161
9	71,937	75,534	78,035	81,454	83,386	84,994	86,100	86,815	86,157	87,504	88,774
10	65,857	69,448	72,943	75,650	78,211	79,169	80,211	80,248	81,591	80,737	81,791
11	62,806	63,584	66,488	70,006	72,053	74,120	75,006	75,801	77,441	78,358	78,753
12	58,022	60,945	62,357	65,614	67,833	69,416	71,701	71,462	72,554	75,082	77,275
1-6	445,430	447,140	449,737	456,426	461,416	464,504	464,556	463,622	462,580	456,747	454,034
7-8	143,485	148,085	151,106	152,545	154,304	155,463	154,340	154,294	157,634	161,551	163,026
9-12	258,622	269,511	279,823	292,724	301,483	307,699	313,018	314,326	317,743	321,681	326,593
1-12	847,537	864,736	880,666	901,695	917,203	927,666	931,914	932,242	937,957	939,979	943,653

Appendix Table 6. Public School October Headcount Enrollment (continued)

Grade	2004	2005	2006	2007	2008	2009	2010
K	71,522	72,728	72,810	72,127	74,040	74,608	75,142
1	74,886	75,935	76,520	76,676	76,142	77,931	78,459
2	74,183	75,224	76,112	76,878	77,497	77,187	78,767
3	73,403	75,206	76,064	76,985	78,050	78,583	78,229
4	75,332	74,526	75,826	76,813	78,119	79,110	79,610
5	75,831	76,440	75,289	76,650	77,860	79,094	80,057
6	78,632	76,737	76,925	76,053	77,318	78,449	79,652
7	80,867	79,669	77,600	77,864	77,117	78,315	79,420
8	81,353	81,534	80,300	78,257	78,906	78,060	79,232
9	90,065	89,734	90,025	88,727	86,753	87,544	86,605
10	83,515	85,238	84,914	84,951	83,400	81,545	82,288
11	79,813	82,434	82,866	82,567	83,318	81,973	80,149
12	78,192	79,636	81,279	81,910	82,856	83,923	82,567
1-6	452,267	454,068	456,736	460,055	464,986	470,355	474,773
7-8	162,220	161,203	157,900	156,121	156,023	156,375	158,652
9-12	331,585	337,042	339,084	338,155	336,327	334,984	331,609
1-12	946,072	952,313	953,720	954,331	957,336	961,713	965,034
K-12	1,017,594	1,025,041	1,026,530	1,026,458	1,031,376	1,036,321	1,040,176

Notes: Kindergarten enrollment excludes preschool handicapped students from 1973 forward due to separate reporting of preschool handicapped.

Enrollment figures exclude private, home school, and summer school students.

Enrollment figures for grades 11 and 12 now include a double counting of some students attending vocational skill centers outside their regular school district.

Unduplicated Running Start Headcount distributed in grades 11 and 12.

Appendix Table 7. Private School October Headcount Enrollment

Grade	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Preschool	2,949	3,400	4,350	5,032	5,962	6,198	6,435	6,717	7,325	6,900	6,346
K	4,168	4,609	5,206	5,510	5,812	6,055	6,034	6,590	6,595	6,800	6,629
1	4,755	5,356	5,731	5,592	5,685	5,690	5,788	5,879	6,075	6,043	6,300
2	4,395	4,816	5,323	5,053	5,102	5,284	5,152	5,330	5,504	5,744	5,812
3	4,203	4,489	4,843	4,838	4,797	4,852	5,124	4,904	5,121	5,327	5,569
4	4,142	4,259	4,502	4,338	4,483	4,492	4,447	4,743	4,799	4,971	5,088
5	4,102	4,330	4,354	4,147	4,180	4,281	4,332	4,249	4,754	4,673	4,950
6	4,377	4,261	4,241	3,967	3,892	3,917	4,130	4,189	4,324	4,729	4,757
7	4,544	4,473	4,151	3,848	3,638	3,615	3,602	3,823	4,105	4,244	4,651
8	4,213	4,415	4,345	3,767	3,548	3,441	3,383	3,410	3,845	4,036	4,114
9	3,397	3,827	4,008	3,640	3,153	2,881	3,097	3,006	3,074	3,351	3,608
10	3,138	3,415	3,483	3,531	3,143	2,933	2,728	2,860	2,944	3,008	3,231
11	2,982	3,178	3,145	3,241	3,147	2,989	2,720	2,587	2,701	2,692	2,853
12	2,730	2,939	3,012	2,941	3,068	2,918	2,817	2,561	2,446	2,520	2,530
1-6	25,974	27,511	28,994	27,935	28,139	28,516	28,973	29,294	30,577	31,487	32,476
7-8	8,757	8,888	8,496	7,615	7,186	7,056	6,985	7,233	7,950	8,280	8,765
9-12	12,247	13,359	13,648	13,353	12,511	11,721	11,362	11,014	11,165	11,571	12,222
1-12	46,978	49,758	51,138	48,903	47,836	47,293	47,320	47,541	49,692	51,338	53,463
K-12	51,146	54,367	56,344	54,413	53,648	53,348	53,354	54,131	56,287	58,138	60,092

Appendix Table 7. Private School October Headcount Enrollment (Continued)

Grade	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Preschool	6,667	6,984	6,812	7,217	6,863	7,168	5,613	7,636	7,849	8,028	8,272
K	6,836	7,237	7,552	7,686	7,754	7,794	7,517	7,608	7,605	7,400	6,949
1	6,355	6,465	6,806	6,944	7,221	7,297	7,270	7,290	7,308	6,757	6,339
2	5,890	6,075	6,209	6,373	6,651	6,935	6,969	7,048	6,811	6,522	5,914
3	5,734	5,806	5,859	5,929	6,222	6,502	6,658	6,685	6,564	6,263	5,772
4	5,411	5,607	5,687	5,712	5,788	6,045	6,251	6,430	6,432	6,042	5,607
5	5,054	5,354	5,636	5,609	5,684	5,799	5,850	6,160	6,209	6,069	5,571
6	5,056	5,252	5,597	5,720	5,791	5,885	5,777	5,955	6,109	6,083	5,683
7	4,793	4,980	5,244	5,484	5,744	5,680	5,669	5,551	5,671	5,715	5,544
8	4,546	4,659	4,977	5,126	5,317	5,497	5,439	5,445	5,301	5,369	5,169
9	3,675	4,023	4,109	4,188	4,517	4,671	4,636	4,731	4,720	4,406	4,169
10	3,455	3,533	3,852	3,784	4,226	4,353	4,394	4,388	4,486	4,409	3,850
11	3,068	3,196	3,362	3,524	3,738	3,977	3,956	4,131	4,079	4,162	3,914
12	2,642	2,861	3,007	3,010	3,410	3,445	3,544	3,669	3,794	3,760	3,679
1-6	33,500	34,559	35,794	36,287	37,357	38,463	38,775	39,568	39,433	37,736	34,886
7-8	9,339	9,639	10,221	10,610	11,061	11,177	11,108	10,996	10,972	11,084	10,713
9-12	12,840	13,613	14,330	14,506	15,891	16,446	16,530	16,919	17,079	16,737	15,612
1-12	55,679	57,811	60,345	61,403	64,309	66,086	66,413	67,483	67,484	65,557	61,211
K-12	62,515	65,048	67,897	69,089	72,063	73,880	73,930	75,091	75,089	72,957	68,160

Appendix Table 7. Private School October Headcount Enrollment (Continued)

Grade	2004	2005	2006	2007
Preschool	8,390	9,427	9,411	9,257
K	6,831	7,181	7,297	7,535
1	6,199	6,513	6,555	6,732
2	5,919	6,214	6,311	6,257
3	5,655	5,931	6,190	6,172
4	5,516	5,731	5,967	6,071
5	5,572	5,730	5,814	5,898
6	5,689	5,931	5,948	5,950
7	5,591	5,861	5,932	5,833
8	5,434	5,710	5,818	5,751
9	4,564	4,823	5,153	5,060
10	4,312	4,549	4,977	4,920
11	3,913	4,167	4,551	4,617
12	3,911	3,823	4,217	4,248
1-6	34,550	36,050	36,785	37,080
7-8	11,025	11,571	11,750	11,584
9-12	16,700	17,362	18,898	18,845
1-12	62,275	64,983	67,433	67,509
K-12	69,106	72,164	74,730	75,044

Note: Some data by grade level are estimated.

Source: Headcounts: Superintendent of Instruction.

Appendix Table 8. Public and Private School Cohort Change: Grades 2-7 to 3-8

October to October	Public and Private Schools October HC				Public Schools October HC				Private Schools October HC			
	Grades 2-7	Grades 3-8	Net Change	Percent Change	Grades 2-7	Grades 3-8	Net Change	Percent Change	Grades 2-7	Grades 3-8	Net Change	Percent Change
1982 to 1983	360,769	362,245	1,476	0.4%	335,006	336,018	1,012	0.3%	25,763	26,227	464	1.8%
1983 to 1984	352,122	354,019	1,897	0.5%	325,494	327,583	2,089	0.6%	26,628	26,436	-192	-0.7%
1984 to 1985	349,536	349,788	252	0.1%	322,122	324,883	2,761	0.9%	27,414	24,905	-2,509	-9.2%
1985 to 1986	351,925	354,781	2,856	0.8%	325,734	330,243	4,509	1.4%	26,191	24,538	-1,653	-6.3%
1986 to 1987	362,653	366,780	4,127	1.1%	336,561	342,182	5,621	1.7%	26,092	24,598	-1,494	-5.7%
1987 to 1988	377,762	382,357	4,595	1.2%	351,321	357,339	6,018	1.7%	26,441	25,018	-1,423	-5.4%
1988 to 1989	394,815	401,429	6,614	1.7%	368,028	376,111	8,083	2.2%	26,787	25,318	-1,469	-5.5%
1989 to 1990	416,173	425,459	9,286	2.2%	388,935	398,511	9,576	2.5%	27,238	26,948	-290	-1.1%
1990 to 1991	437,144	443,782	6,638	1.5%	408,537	415,802	7,265	1.8%	28,607	27,980	-627	-2.2%
1991 to 1992	454,286	460,315	6,029	1.3%	424,598	431,186	6,588	1.6%	29,688	29,129	-559	-1.9%
1992 to 1993	468,141	472,356	4,215	0.9%	437,314	441,762	4,448	1.0%	30,827	30,594	-233	-0.8%
1993 to 1994	477,122	480,024	2,902	0.6%	445,184	448,366	3,182	0.7%	31,938	31,658	-280	-0.9%
1994 to 1995	481,781	484,336	2,555	0.5%	448,707	451,336	2,629	0.6%	33,074	33,000	-74	-0.2%
1995 to 1996	484,323	488,241	3,918	0.8%	450,091	454,661	4,570	1.0%	34,232	33,580	-652	-1.9%
1996 to 1997	489,717	493,831	4,114	0.8%	454,890	459,285	4,395	1.0%	34,827	34,546	-281	-0.8%
1997 to 1998	496,977	499,741	2,764	0.6%	461,097	464,333	3,236	0.7%	35,880	35,408	-472	-1.3%
1998 to 1999	501,412	501,321	-91	0.0%	464,566	465,677	1,111	0.2%	36,846	35,644	-1,202	-3.3%
1999 to 2000	502,611	505,295	2,684	0.5%	465,437	469,069	3,632	0.8%	37,174	36,226	-948	-2.6%
2000 to 2001	505,281	509,354	4,073	0.8%	467,452	473,068	5,616	1.2%	37,829	36,286	-1,543	-4.1%
2001 to 2002	506,390	507,637	1,247	0.2%	468,594	472,096	3,502	0.7%	37,796	35,541	-2,255	-6.0%
2002 to 2003	502,572	503,791	1,219	0.2%	465,878	470,445	4,567	1.0%	36,694	33,346	-3,348	-9.1%

Appendix Table 9. Tracking Net Change in Public Headcount Enrollment in Grades 2-7 through the School Year to Enrollment in Grades 3-8 the Following Year

Public School Year	October Enrollment Grades 2-7	May Enrollment Grades 2-7	Oct. to May Grades 2-7 Net Change	October Enrollment Grades 3-8	May to Oct. 2-7 to 3-8 Net Change	Oct. to Oct. 2-7 to 3-8 Net Change	
	(1)	(2)	(3) (2)-(1)		(4)	(5) (4)-(2)	(6) (4)-(1)
1982-83	335,006	334,984	-22	1983	336,018	1,034	1,012
1983-84	325,494	325,601	107	1984	327,583	1,982	2,089
1984-85	322,122	322,737	615	1985	324,883	2,146	2,761
1985-86	325,734	326,698	964	1986	330,243	3,545	4,509
1986-87	336,561	337,870	1,309	1987	342,182	4,312	5,621
1987-88	351,321	353,110	1,789	1988	357,339	4,229	6,018
1988-89	368,028	370,519	2,491	1989	376,111	5,592	8,083
1989-90	388,935	392,328	3,393	1990	398,511	6,183	9,576
1990-91	408,537	409,855	1,318	1991	415,802	5,947	7,265
1991-92	424,598	425,702	1,104	1992	431,186	5,484	6,588
1992-93	437,314	439,141	1,827	1993	441,762	2,621	4,448
1993-94	445,184	444,997	-187	1994	448,366	3,369	3,182
1994-95	448,707	448,484	-223	1995	451,336	2,852	2,629
1995-96	450,091	450,313	222	1996	454,661	4,348	4,570
1996-97	454,890	454,954	64	1997	459,285	4,331	4,395
1997-98	461,097	460,583	-514	1998	464,333	3,750	3,236
1998-99	464,566	463,744	-822	1999	465,677	1,933	1,111
1999-00	465,437	465,109	-328	2000	469,069	3,960	3,632
2000-01	467,452	468,442	990	2001	473,068	4,626	5,616
2001-02	468,594	468,223	-371	2002	472,096	3,873	3,502
2002-03	465,878	465,534	-344	2003	470,445	4,911	4,567

Appendix Table 10. Average Annual FTEs

School Year	Total AA FTE1	K-122	Running Start Only3	Private/ Home-based4	Summer School5	UW Transition
1967-1968	751,353	751,353	-	-	-	-
1968-1969	771,725	771,725	-	-	-	-
1969-1970	785,549	785,549	-	-	-	-
1970-1971	784,522	784,522	-	-	-	-
1971-1972	772,780	772,780	-	-	-	-
1972-1973	759,369	759,369	-	-	-	-
1973-1974	756,085	756,085	-	-	-	-
1974-1975	750,057	750,057	-	-	-	-
1975-1976	748,106	748,106	-	-	-	-
1976-1977	744,362	744,362	-	-	-	-
1977-1978	742,085	742,085	-	-	-	-
1978-1979	734,917	734,917	-	-	-	-
1979-1980	729,450	729,450	-	-	-	-
1980-1981	722,616	722,616	-	-	-	-
1981-1982	712,764	712,764	-	-	-	-
1982-1983	701,774	701,774	-	-	-	-
1983-1984	699,619	699,619	-	-	-	-
1984-1985	702,547	702,547	-	-	-	-
1985-1986	708,949	708,949	-	-	-	-
1986-1987	720,876	720,736	-	140	-	-
1987-1988	734,088	733,850	-	150	56	33
1988-1989	748,701	748,418	-	150	100	33
1989-1990	768,663	768,356	-	139	131	37
1990-1991	795,753	795,404	-	178	137	33
1991-1992	823,404	823,040	-	162	169	33
1992-1993	850,225	849,759	-	189	240	36
1993-1994	868,814	865,796	2,502	202	278	37
1994-1995	886,247	881,914	3,695	226	354	40
1995-1996	904,288	899,001	4,452	253	541	40
1996-1997	923,467	917,439	5,510	231	246	41
1997-1998	936,435	929,605	6,251	189	347	43
1998-1999	946,385	938,829	7,001	125	390	41
1999-2000	948,485	940,493	7,467	139	347	38
2000-2001	951,033	942,436	7,938	185	434	40
2001-2002	956,567	947,582	8,306	169	467	43
2002-2003	958,846	949,509	8,814	100	352	71
2003-2004	962,294	952,360	9,351	89	390	105
2004-2005	966,246	955,977	9,761	52	347	109
2005-2006	972,079	961,357	10,259	22	332	109
2006-20076	973,612	962,345	10,811	23	333	100
2007-20087	975,540	963,704	11,176	19	538	103
2008-20097	979,446	967,145	11,640	19	538	103

Appendix Table 10. Average Annual FTEs (continued)

DATA SOURCE: The Caseload Forecast Council (CFC) is the data source unless otherwise indicated.

NOTES:

1 Average Annual Full-time Equivalent (AA FTE): 1968-1995 OFM; 1995-2000 SPI; 2001-2005 CFC. Includes K-12, Running Start, Private and Home-based, Summer School, and UW Transition Program FTEs. Individual columns may not equal total due to rounding.

2 1967-68 - 1991-92: OFM 1997-99 Biennial Budget Basic Education Forecasts: 1997-99, Appendix Table 1. 1993-94 - 1996-97 SPI 1251 report.

3 1993-94 - 1996-97 SPI 1251 report. FTEs of students enrolled in Running Start were reported separately beginning 1993-94.

4 Private and Home-based includes children who are not enrolled in public school, but receive some ancillary services (e.g., testing or counseling) from the public school district. Home school or private school enrollment in a curricular activity is included in the K-12 FTE count. 1986-87 - 1987-88: OFM Biennial Budget Basic Education Forecasts: 1989-91, (estimate) page 2. 1988-89: OFM Biennial Budget Basic Education Forecasts: 1989-91, (estimate) page xi. 1989-90 - 1996-97: SPI.

5 1986-87 - 1987-88: OFM Biennial Budget Basic Education Forecasts: 1989-91, (estimate) page 2. 1988-89: OFM Biennial Budget Basic Education Forecasts: 1989-91, (estimate) page xi. 1989-90 - 1996-97: SPI.

6 June 2007 Estimate (final data available 1/2008).

7 June 2007 CFC Forecast.