

## **Demographic Update for Oakland Unified School District**

June 18, 2007

### ***Executive Summary***

This report provides enrollment forecasts to support facilities planning and budgeting. It is one in an annual series. The full report includes the detailed analyses that are described in this summary. We forecast enrollments in both OUSD schools and charters within OUSD boundaries, by grade, through Fall 2011.

#### **Historical Trends**

During the 2000s, the District experienced severe enrollment losses due to two factors:

1. Out-migration of families, especially African-American families, from Oakland;
2. Growth of charter schools, which now comprise 15 percent of Oakland's public school enrollments.

Between 2000 and 2006, about half of the District's enrollment loss resulted from the growth of charter schools, and the other half was from community demographic trends (large net out-migration of Oakland families). Charter enrollments have had a greater impact on District enrollment losses during the most recent years: between 2000 and 2004, 37 percent of the District's enrollment loss was due to the growth of charter enrollments, and between 2004 and 2006, the percentage grew to 58.

Our analysis suggests that the vast majority of charter students would attend District schools if the charters did not exist. In this sense, the charter students are OUSD children. Although it may not seem logical to describe charter students as OUSD children, there are three advantages to combining charter and non-charter students when analyzing demographic patterns and producing enrollment forecasts:

1. **Considering both charter and non-charter students gives insights into the community's demographic patterns:** We will understand the volume of Oakland's net out-migration when we combine the two groups to obtain an historically consistent data series that is useful for analyzing enrollment trends. These analyses let us distinguish between the effect of charter growth and the effect of community-wide demographic patterns (net migration).
2. **Considering both charter and non-charter students results in more accurate forecasts:** Enrollment forecasts rely on having a consistent historical data series, which we have only when charter and non-charter enrollments are combined. Of course, we also produce an enrollment forecast of District (non-charter) enrollments, which administrators need for planning and budgetary purposes, but we start with a combined forecast of charter and non-charter students.

- 3. Considering both charter and non-charter students clarifies the dependence of District (non-charter) enrollments on future charter school enrollments:**  
Future District enrollments are very sensitive to what happens with the charters. When charter enrollments grow, District enrollments shrink by the same amount: a 1,000-student increase in charters will cause a 1,000-student decline in District enrollments. Therefore, our forecast of District enrollments depends on the forecast of charter school enrollments. If there is a major change in the charter movement, either from local parents' choices or from changes in state policy, District enrollments will be substantially affected.

Throughout the report, we present enrollment trends both with and without charter enrollments. As a result, the report and analyses may seem a bit more complicated than in prior reports. However, as explained above, it is very important to consider both types of enrollments in order to best understand District enrollment trends.

### **Community-wide Trends (Including Charter Enrollments)**

There is some evidence that the large out-migration from Oakland during the early 2000s has subsided. The normalization of migration may signal the beginning of overall enrollment stabilization or increase. Note, however, that this trend includes charter enrollments and thus does not necessarily translate into a stabilization of District (non-charter) enrollments.

To measure migration, we have calculated historical "grade progressions" at each school level. Grade progressions actually measure many factors, but primarily migration and drop out rates. It is from analyzing the grade progression rates that we see a return to normality, at least at the elementary level. Elementary grade progressions (including charter enrollments) have steadily improved since their low point in 2003. In Fall 2006, elementary grade progressions resembled those of the 1980s and 1990s. Because elementary enrollments ultimately affect middle and high school enrollments, the normalization of elementary grade progressions is an indication that enrollments may later change course.

Middle school grade progressions have been abnormally low during the last five years, with no sign of improvement. This seems odd, since elementary grade progressions have shown a steady increase since 2003. Usually, elementary and middle school grade progression patterns are similar. The fact that middle school grade progressions are still low could be a result of increased drop out rates (since this could happen at the middle school level, but not so much at the elementary level).

Unlike the elementary and middle school grade progressions, the high school grade progressions never showed a sharp decline during the 2000s. The percentage of high school students continuing in the District remained similar to historic levels. Perhaps the small school movement and other efforts by District and charter school improved retention rates, which offset additional out-migration.

In addition to grade progressions, birth trends also inform us of past and future enrollment changes. The number of births has declined, especially African-American

births, which fell from 3,500 in 1992 to less than 1,500 by 2005. The percentage of births resulting in kindergarten enrollments also fell during the least several years, another indication of families leaving Oakland or parents choosing private schools.

Thus, although elementary grade progressions have returned to more historically normal levels, public school elementary enrollments are still slated to decline in the future because of anticipated smaller kindergarten enrollments. Also, middle and high school enrollments are expected to decline as the elementary enrollment decline of the early 2000s affects the middle and high schools in the late 2000s and 2010s.

A final factor considered in the enrollment forecasts is housing growth. Oakland has had a large amount of housing growth. Most of the new units have had little impact on enrollments and house few public school students because they are luxury apartments, condominiums, and lofts. This construction trend is continuing. However, there are some developments that will generate students, such as the new Lions Crossings, and these are explicitly included in the forecasts.

### **Enrollment Forecasts**

We produced Low, Medium, and High enrollment forecasts based on different assumptions regarding grade progressions, the size of in-coming kindergarten classes, birth trends, and impacts from new housing. The Medium forecast assumes that the conditions experienced in the most recent year will continue. Specifically, that this year's set of grade progressions and ratio of births to kindergarten enrollments will continue in future years. Table 1 shows enrollments both with and without charter students.

We assume that charter enrollments will continue to grow. We have good data (from a school-by-school analysis) to estimate charter enrollments for Fall 2007. Unfortunately, we have little basis for forecasting charter enrollments beyond the 2007-08 school year. Therefore, we provide a range of possible future charter enrollments. By the end of the projection period, the Low, Medium, and High forecast scenarios assume charter enrollments will be between 20 and 31 percent of regular public school enrollments. Since we are much more confident of the overall enrollment forecast than we are of its components (charter and non-charter shares), we urge that decision-makers keep an eye on enrollment forecasts that include charter students in the event that charter enrollment patterns change, affecting regular public school enrollments in ways that we cannot now anticipate.

Between Fall 2006 and Fall 2011, the Medium forecast shows K-12 District enrollments declining by 7,689 students, and 2,410 of this decline results from the expected increase in charter enrollments.

**Elementary Enrollments.** In the Medium forecast, by Fall 2011 District elementary enrollments decline by about 2,920 students, of which 509 is from increased charter enrollment. The decline is driven largely by a drop in the number of future kindergartners resulting from the birth decline between 2002 and 2005. If kindergarten enrollments were to remain at their current level, the elementary decline, including charters, would be only 706 students.

**Middle School Enrollments.** In the Medium forecast, District middle school enrollments decline by 684 students, of which 367 are from charter enrollment increases. The percentage decline at the middle schools is much smaller than at the elementary. The smaller decline is a result of relatively high grade progressions at the elementary level. Also, students in the small kindergarten classes beginning in Fall 2007 will not have reached the middle schools by 2011.

**High School Enrollments.** District high school enrollments decline significantly in the forecasts. By 2011, the decline exceeds 4,000 students, of whom 1,525 result from increased charter enrollments. Another reason for the decline is the much smaller ninth grade classes entering in coming years. These cohorts are small both because kindergarten enrollments have been dropping for several years with these cohorts finally reaching the ninth grade and because of the middle schools' low retention rates.

Table 2 shows District (non-charter) enrollment change between Fall 2006 and Fall 2007 for each forecast scenario. The Medium forecast shows a K-12 loss of 1,650 students between Fall 2006 and Fall 2007.

#### **Subarea Analyses (by High School Attendance Area (HSAA))**

Over the last five years, each OUSD HSAA experienced a 20 to 30 percent decline in the number of District students. Certain areas have been more impacted than others by the loss. As previously discussed, this decline can be attributed primarily to two factors: the out-migration of families and enrollment in charter schools.

Note that the loss of a certain number of District residents in an attendance area does not necessarily indicate how many fewer students were *enrolled* at the neighborhood school. With OUSD's new Options program in its second year, OUSD students have the opportunity to apply for schools outside their residential area. *The forecasts provided are the number of students projected to live in the neighborhoods, regardless of where they choose to attend school.* This is most important for facilities planning: for planning purposes, we want to match facilities to resident enrollments as much as possible.

As with the District-wide forecast, we provide separate District and charter resident forecasts.

**Table 1  
Enrollment Forecasts by Scenario**

Low Forecast				Medium Forecast				High Forecast			
<b>Elementary: K-5</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>	<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>	<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>
2007-08	19,502	3,771	23,273	2007-08	19,942	3,658	23,600	2007-08	20,443	3,469	23,912
2008-09	18,418	4,077	22,494	2008-09	19,266	3,888	23,154	2008-09	20,137	3,713	23,851
2009-10	16,928	4,515	21,443	2009-10	18,438	3,988	22,427	2009-10	19,665	3,896	23,560
2010-11	16,100	4,664	20,764	2010-11	17,998	4,030	22,027	2010-11	19,421	4,135	23,556
2011-12	15,168	4,787	19,955	2011-12	17,444	4,051	21,495	2011-12	19,067	4,336	23,402
2012-13	14,450	4,835	19,285	2012-13	16,949	4,166	21,115	2012-13	18,842	4,565	23,406
Change:											
2006 to 2011	-5,196	1,245	-3,951		-2,920	509	-2,411		-1,297	794	-504
<b>Middle School: 6-8</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>	<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>	<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>
2007-08	7,837	2,029	9,866	2007-08	8,203	1,968	10,172	2007-08	8,610	1,867	10,477
2008-09	7,361	2,147	9,509	2008-09	7,982	2,048	10,030	2008-09	8,577	1,988	10,565
2009-10	7,311	2,280	9,591	2009-10	8,264	2,014	10,278	2009-10	8,820	2,176	10,997
2010-11	6,991	2,407	9,398	2010-11	8,099	2,080	10,179	2010-11	8,705	2,301	11,006
2011-12	6,773	2,533	9,306	2011-12	8,037	2,143	10,181	2011-12	8,691	2,426	11,118
2012-13	6,436	2,558	8,994	2012-13	7,733	2,204	9,937	2012-13	8,452	2,506	10,958
Change:											
2006 to 2011	-1,948	766	-1,182		-684	376	-307		-30	659	630
<b>High School: 9-12</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>	<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>	<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>
2007-08	8,628	2,442	11,484	2007-08	9,899	1,985	11,884	2007-08	10,120	2,247	12,367
2008-09	6,946	3,138	10,540	2008-09	8,577	2,576	11,154	2008-09	9,795	2,333	12,127
2009-10	5,791	3,884	9,675	2009-10	7,438	2,994	10,432	2009-10	9,415	2,396	11,811
2010-11	4,842	4,393	9,234	2010-11	6,832	3,276	10,108	2010-11	9,309	2,583	11,892
2011-12	4,253	4,719	8,972	2011-12	6,523	3,444	9,967	2011-12	9,270	2,741	12,011
2012-13	4,135	4,766	8,901	2012-13	6,475	3,542	10,016	2012-13	9,373	2,927	12,300
Change:											
2006 to 2011	-6,356	2,800	-3,556		-4,086	1,525	-2,561		-1,339	822	-517
<b>Total: K-12</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>39,694</b>	<b>7,228</b>	<b>46,922</b>	2006-07	39,694	7,228	46,922	<b>2006-07</b>	<b>39,694</b>	<b>7,228</b>	<b>46,922</b>
2007-08	35,967	8,242	44,623	<b>2007-08</b>	<b>38,044</b>	<b>7,611</b>	<b>45,655</b>	2007-08	39,173	7,583	46,756
2008-09	32,724	9,362	42,543	2008-09	35,825	8,512	44,337	2008-09	38,509	8,034	46,543
2009-10	30,030	10,680	40,710	2009-10	34,140	8,997	43,137	2009-10	37,900	8,468	46,368
2010-11	27,932	11,464	39,396	2010-11	32,928	9,386	42,314	2010-11	37,435	9,020	46,454
2011-12	26,193	12,039	38,233	2011-12	32,005	9,638	41,643	2011-12	37,028	9,503	46,531
2012-13	25,021	12,160	37,181	2012-13	31,157	9,912	41,069	2012-13	36,666	9,998	46,664
Change:											
2006 to 2011	-13,501	4,811	-8,689		-7,689	2,410	-5,279		-2,666	2,275	-391

**Table 2  
District and Charter Students**

	<b>Enrollments</b>					<b>Annual Change</b>				
	Fall 05	Fall 06	Fall 07			Fall 05 to Fall 06	Fall 06 to Fall 07			
			<i>Low</i>	<i>Medium</i>	<i>High</i>		<i>Low</i>	<i>Medium</i>	<i>High</i>	
K to 5	23,940	23,906	23,273	23,600	23,912	K to 5	-34	-633	-306	6
6 to 8	11,067	10,488	9,866	10,172	10,477	6 to 8	-579	-622	-316	-11
9 to 12	13,030	12,528	11,484	11,884	12,367	9 to 12	-502	-1,044	-644	-161
<b>Total</b>	<b>48,037</b>	<b>46,922</b>	<b>44,623</b>	<b>45,655</b>	<b>46,756</b>	<b>Total</b>	<b>-1,115</b>	<b>-2,299</b>	<b>-1,267</b>	<b>-166</b>

**Charters Only**

	<b>Enrollments</b>					<b>Annual Change</b>				
	Fall 05	Fall 06	Fall 07			Fall 05 to Fall 06	Fall 06 to Fall 07			
			<i>Low</i>	<i>Medium</i>	<i>High</i>		<i>Low</i>	<i>Medium</i>	<i>High</i>	
K to 5	2,939	3,542	3,469	3,658	3,771	K to 5	603	-73	116	229
6 to 8	1,772	1,767	1,867	1,968	2,029	6 to 8	-5	100	201	262
9 to 12	1,957	1,919	2,247	1,985	2,442	9 to 12	-38	328	66	523
<b>Total</b>	<b>6,668</b>	<b>7,228</b>	<b>7,583</b>	<b>7,611</b>	<b>8,242</b>	<b>Total</b>	<b>560</b>	<b>355</b>	<b>383</b>	<b>1,014</b>

**District Only**

	<b>Enrollments</b>					<b>Annual Change</b>				
	Fall 05	Fall 06	Fall 07			Fall 05 to Fall 06	Fall 06 to Fall 07			
			<i>Low</i>	<i>Medium</i>	<i>High</i>		<i>Low</i>	<i>Medium</i>	<i>High</i>	
K to 5	21,001	20,364	19,502	19,942	20,443	K to 5	-637	-862	-422	79
6 to 8	9,295	8,721	7,837	8,203	8,610	6 to 8	-574	-884	-518	-111
9 to 12	11,073	10,609	8,628	9,899	10,120	9 to 12	-464	-1,981	-710	-489
<b>Total</b>	<b>41,369</b>	<b>39,694</b>	<b>35,967</b>	<b>38,044</b>	<b>39,173</b>	<b>Total</b>	<b>-1,675</b>	<b>-3,727</b>	<b>-1,650</b>	<b>-521</b>

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## ***Introduction***

We have worked with the OUSD Facilities Department since 1998, providing long-range enrollment forecasts to support planning. This report:

1. presents updated enrollment forecasts,
2. discusses Oakland's demographic trends,
3. discusses the impact of charter schools, and
4. provides forecasts by high school attendance area.

### ***Acknowledgments***

OUSD has hired its own demographer, Juwen Lam, and LGDR is currently in the process of transferring data and methodology. This report is the first joint effort, with LGDR serving in a consulting role and Juwen Lam completing the research.

This report was developed under the direction of Timothy White, Facilities Director, and under the auspices of Dr. Kimberly Stratham, State Administrator. We thank Allison Sands and Kirsten Vital for their help and support. Several members of other agencies have provided valuable information, including Janet Brown, Alameda County Health Department, Carlos Castellanos, East Bay Asian Local Development Corporation, Patrick Van Ness and Jason Doyle.

Lapkoff & Gobalet Demographic Research, Inc., staff members that contributed to this report include Shelley Lapkoff, Jeanne Gobalet, and Alvin Ludwig.

## Overall Enrollment Trends

Chart 1 shows K-12 OUSD enrollments from 1981 through 2006, both with and without charter students. The bars represent both charter and non-charter students, while the line represents only the non-charter students. For ease of discussion this report refers to non-charter students as “District” students or enrollments, even though, strictly speaking, charter students are within the District’s purview.

Enrollments were constant or increased throughout the 1980s and early 1990s. Enrollments increased steadily in the late 1990s, peaked in 1999, and have been on the decline ever since. Including charter enrollments, the steepest single-year decline (2,064 students) was between 2002 and 2003 (when the state administrator was appointed). The enrollment patterns vary by school level.

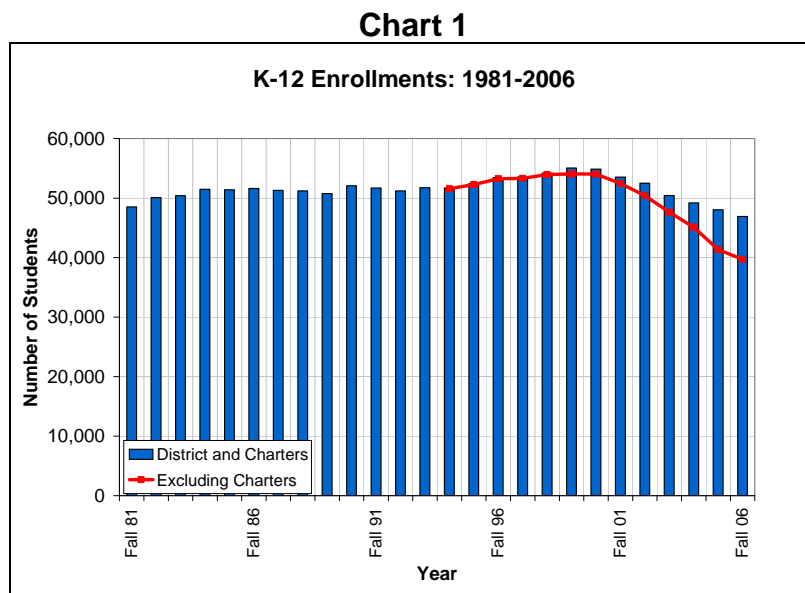


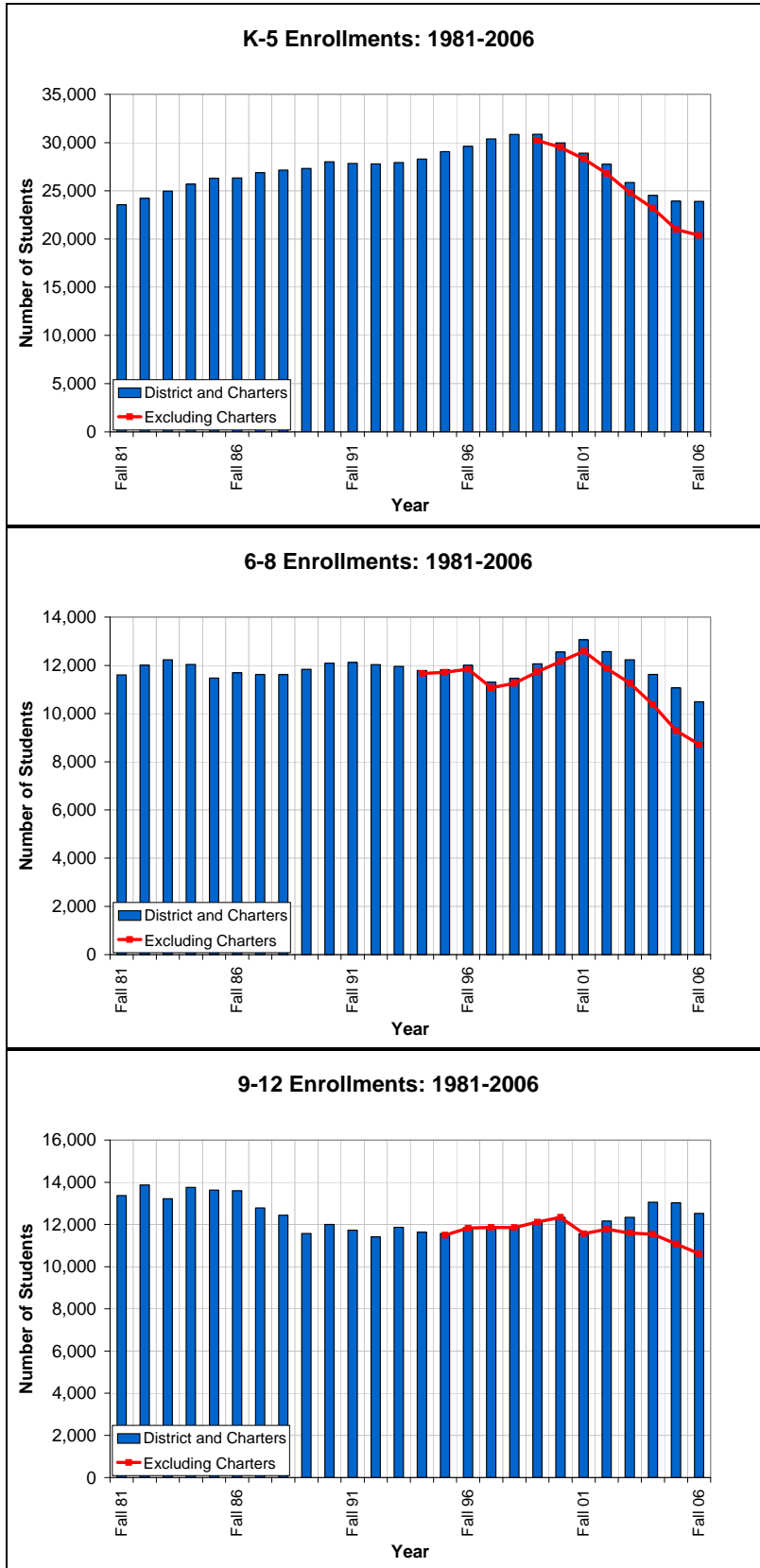
Chart 3 shows enrollments by school level from 1981 through 2006, including and excluding charter students. After nearly two decades of increase, **elementary enrollments** declined steeply between 1998 and 2004. Including charter students, enrollments declined 20 percent during this period, or 25 percent if we exclude charters. However, the steep decline abated during the last two years; and if charters are included, enrollments have been stable during the last two to three years.

**Middle school enrollments** were less volatile than elementary enrollments during the 1980s and 1990s. However, like elementary enrollments, they have experienced steep declines. Between 2001 and 2006, middle school enrollments declined 20 percent including charters, or 31 percent excluding charters. Middle school enrollments have not yet stabilized.

**High school enrollments** were stable throughout the 1990s. Combined charter and non-charter high school enrollments have continued to be stable, and actually increased in the last few years. However, non-charter high school enrollments declined during the last few years.

Note that peak enrollments first occurred at the elementary level (1998), then at the middle school level (2001), then finally at the high school level (2004). This also means that the steep elementary decline of the early 2000s is now being experienced at the middle schools and will soon affect the high schools.

**Chart 2**



## ***Charter School Enrollments***

As we show below, charter enrollments have become a significant portion of Oakland school enrollments. It is now critical that we account for charter enrollments and include charter students in a complete demographic picture of the community. There are two compelling reasons: first, the number of Oakland charter students has grown; and second, as we discuss below, we believe the majority of charter students would have attended District schools were the charters not in place. In this sense, these children are OUSD students.

At the end of this section, we present a forecast of future charter enrollments.

### ***Charter Historical Enrollment Trends***

Chart 3 shows the charter enrollment at each school level, and illustrates the magnitude and rapid growth of charter enrollments. Charters now enroll 15 percent of the combined total of OUSD and charter students. .

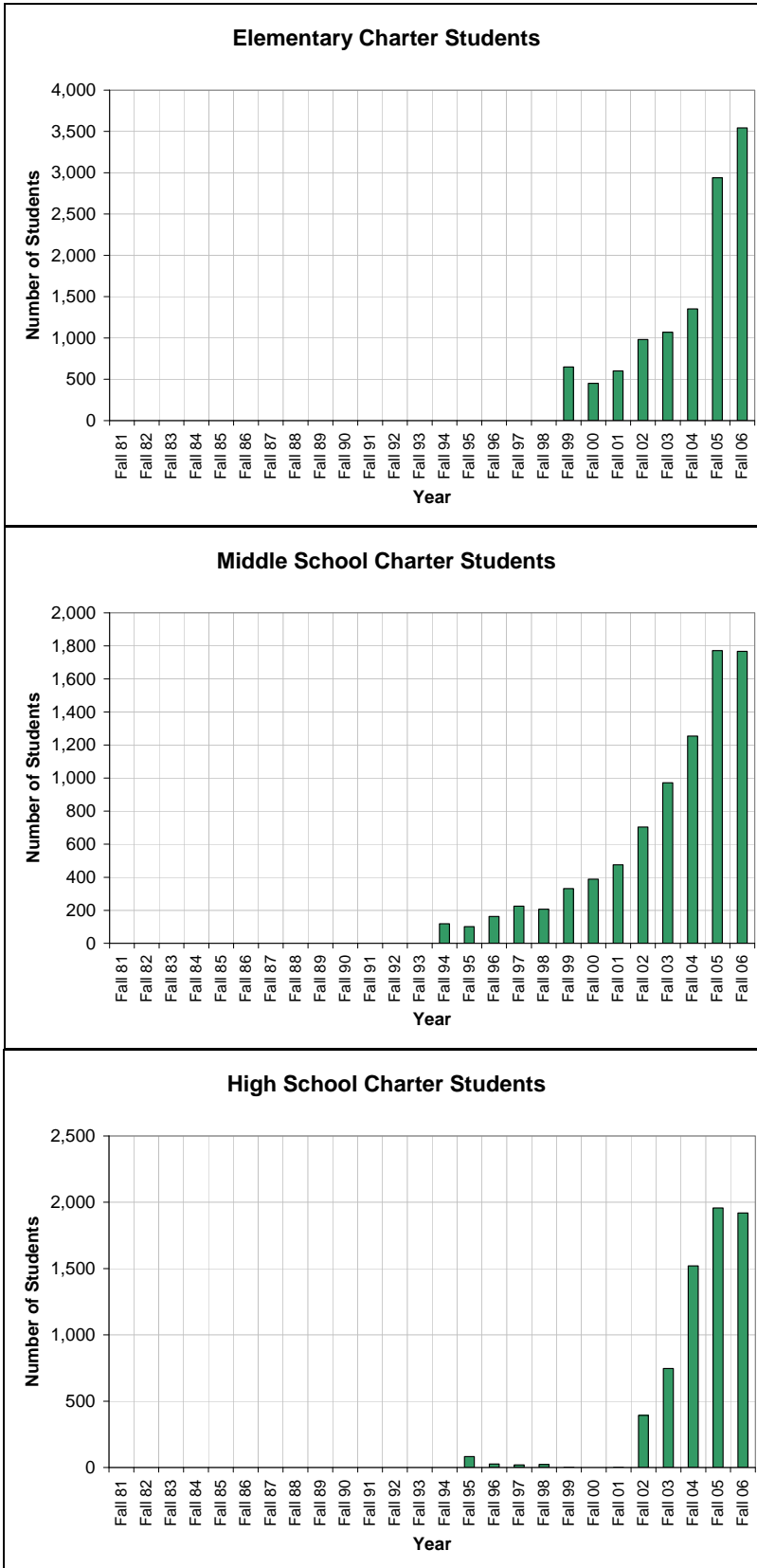
Elementary charter enrollments increased substantially in Fall 2005, as some of the District's schools were converted to charters, namely Cox and Hawthorne (which became East Oakland Community).

Middle school charters were the first to open. Enrollments started to increase in 1999, increased greatly in 2005, and then stabilized.

High school charter enrollments increased substantially in 2002, increased for three years after that, but then declined slightly in Fall 2006. The 2006 decline occurred partly because Oakland Military Academy dropped tenth and eleventh grades and Lionel Wilson Preparatory Academy dropped tenth through twelfth grades.

Appendix B provides an enrollment history of each charter school located within OUSD boundaries.

**Chart 3**



### ***Relationship between Charter and District Enrollments***

To understand the enrollment demographics of Oakland, it is important to understand whether the charter students primarily are, or would be, OUSD students or private school students. If the charters did not exist and charter students would have attended private schools, then we can ignore these students when studying the demographics of public school students. Private school enrollments would decline when charters were formed, while public school enrollments would be largely unaffected. Our forecast of public school students would not need to take into account the charter students.

However, if the reverse were true, and if charter students would be likely to attend Oakland public schools if the charters did not exist, then these students are part of the population that we have always studied. These students are part of the District's enrollments trends and need to be included in any analysis that provides a picture of Oakland's demographics. Normally, we measure grade progressions and kindergarten-to-birth ratios (discussed later) to obtain information about Oakland's migration and drop out rates. If charter students would normally attend OUSD schools, we need to include these students in our measures. This allows us to better measure the true migration patterns into and out of Oakland, and changes in charter school enrollments would not bias these measures.

We can assume that the 1,084 students enrolled in the charters who previously came out of District schools, namely Education for Change in Cox Elementary and Education for Change in East Oakland Community, would certainly have been District students had the charters not existed. No special analysis is needed to predict that these students would have attended District schools had the schools not converted to charters.

Where students in the other charter schools would have attended school is not as obvious. Ideally, we would survey parents of charter students about where they would have enrolled their children if the charter were not available. Or, if we could identify which students were attending the charter schools, we could determine how many were previously enrolled in OUSD schools. Unfortunately, we have neither kind of data.

However, we did an analysis that helps us *infer* whether the charter students would have attended a District school or a private school. We determined whether the share of all Oakland students who were enrolled in private schools changed during the period that the charters were opening. If students attending the charter schools would have attended private schools, then we ought to see an abnormal decline<sup>1</sup> in the share of private school enrollments. As we show below (Table 3), this is generally not the case. The share of students attending private elementary, middle, and high schools has remained fairly constant over the last six years.

As Table 3 shows, the private schools, with some exceptions, have enrolled a relatively stable 14 percent share of elementary students, a 17 percent share of middle school students, and an 18 percent share of high school students. When we investigated the *number* of students in private

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<sup>1</sup> The share of students in private schools has declined in Alameda County and California during the last six years. Thus, for an abnormal decline to have taken place, the share of private school students would have needed to fall substantially.

schools (not shown here), we found that a small number of charter students might otherwise have attended private schools, but only in a few grades and in a few years.

It appears that the charter schools have had little effect on enrollments in private schools. This suggests that the majority of charter students would have attended a District school had the charters not existed. We conclude that most charter and District students belong to the same demographic group.

Because the charter students appear to be OUSD students whose only difference is that they are attending a charter school, we combine the two groups when measuring migration and/or drop out rates for our demographic analyses and forecasts. The result is a more complete picture of the demographics of OUSD public school students.

Of course, the District's budget and staffing needs are based only on students enrolled in District schools. Thus, after forecasting total enrollments (charter and District students), we separate the two groups so that we can report on District enrollments alone, and these enrollments can then be used to plan staffing and budgeting.

**Table 3**

**Shares of District, Charter, and Private School Enrollments**

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>K to 5 Enrollments</b>																	
District	85%	85%	85%	85%	85%	86%	86%	86%	86%	84%	84%	84%	84%	83%	81%	76%	74%
Charter	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	2%	3%	4%	5%	11%	13%
Private	15%	15%	15%	15%	15%	14%	14%	14%	14%	14%	14%	14%	13%	14%	14%	14%	14%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>6 to 8 Enrollments</b>																	
District	84%	84%	84%	83%	83%	83%	83%	81%	82%	81%	81%	81%	79%	77%	74%	70%	69%
Charter	0%	0%	0%	0%	1%	1%	1%	2%	1%	2%	3%	3%	5%	7%	9%	13%	14%
Private	16%	16%	16%	17%	16%	16%	15%	17%	17%	17%	17%	16%	16%	17%	17%	17%	18%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>9 to 12 Enrollments</b>																	
District	84%	83%	82%	82%	82%	81%	82%	82%	81%	81%	81%	81%	79%	77%	73%	71%	69%
Charter	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	3%	5%	10%	12%	13%
Private	16%	17%	18%	18%	18%	18%	18%	18%	18%	19%	19%	19%	19%	18%	17%	17%	18%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

### ***Charters by High School Attendance Area (HSAA)***

We do not know where charter students actually live, since we do not have address data for them. However, we do know the location of the charter schools and it is likely that most students live somewhat near the school they attend. Table 4 shows the distribution of charter schools by the OUSD High School Attendance Area (HSAA) in which they are located. Overall, Oakland High HSAA has no charter schools located within its boundaries, followed by Skyline HSAA with a small number of students enrolled in schools in its area.

**Elementary.** At first, Castlemont HSAA had been the location for most charter schools, then Oakland Tech HSAA gained charters, and lastly Fremont HSAA gained charter enrollment when Cox and Hawthorne converted.

**Middle School.** Castlemont and Fremont HSAA's began with the most charter enrollment. During the last three years, McClymonds and Oakland Tech HSAA's gained charter enrollments.

**High School.** Castlemont, Oakland Tech, and McClymonds HSAA's show the most charter enrollment located in their areas.

**Table 4**

<b>Charter Enrollments by High School Attendance Area and School Level</b>								
<b>K to 5 Enrollments</b>								
	1999	2000	2001	2002	2003	2004	2005	2006
Castlemont	519	292	309	623	676	879	889	947
Fremont	130	141	146	141	127	127	1,408	1,430
McClymonds	0	0	0	0	0	0	0	255
Oakland Tech	0	17	146	216	266	345	642	846
Oakland High	0	0	0	0	0	0	0	0
Skyline	0	0	0	0	0	0	0	10
<b>Total</b>	<b>649</b>	<b>450</b>	<b>601</b>	<b>980</b>	<b>1,069</b>	<b>1,351</b>	<b>2,939</b>	<b>3,488</b>
<b>6 to 8 Enrollments</b>								
Castlemont	91	86	104	290	440	501	586	539
Fremont	175	211	222	233	255	249	234	230
McClymonds	50	45	44	47	39	284	290	271
Oakland Tech	0	12	0	48	127	234	497	618
Oakland High	0	0	0	0	0	0	0	0
Skyline	16	34	106	86	111	150	165	163
<b>Total</b>	<b>332</b>	<b>388</b>	<b>476</b>	<b>704</b>	<b>972</b>	<b>1,418</b>	<b>1,772</b>	<b>1,821</b>
<b>9 to 12 Enrollments</b>								
Castlemont	0	0	0	176	393	600	1,141	773
Fremont	0	0	0	0	0	0	31	43
McClymonds	0	0	0	10	27	199	288	110
Oakland Tech	0	0	0	102	176	272	357	487
Oakland High	0	0	0	0	0	0	0	0
Skyline	2	0	0	76	21	0	31	71
<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>364</b>	<b>617</b>	<b>1,071</b>	<b>1,848</b>	<b>1,484</b>
<b>K to 12 Enrollments</b>								
Castlemont	610	378	413	1,118	1,638	2,340	2,616	2,574
Fremont	305	352	368	374	382	376	1,673	1,703
McClymonds	50	45	44	57	66	483	578	756
Oakland Tech	0	29	146	366	569	940	1,605	1,951
Oakland High	0	0	0	0	0	0	0	0
Skyline	18	34	106	162	132	150	196	244
<b>Total</b>	<b>983</b>	<b>838</b>	<b>1,077</b>	<b>2,077</b>	<b>2,787</b>	<b>4,289</b>	<b>6,668</b>	<b>7,228</b>

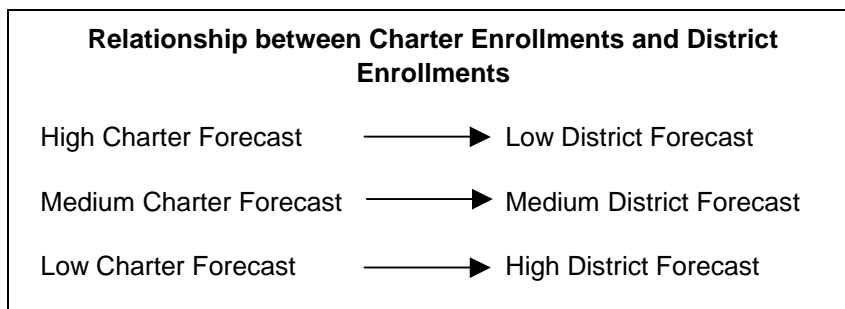
**Charter Forecast**

Because we believe that most charter students would attend District schools if the charter were not available, it is very important that we forecast charter enrollments independently. If charter enrollments increase, we can expect District enrollment losses. If charter enrollments decrease, the students would return to District schools. Thus, the forecast of District enrollment is critically tied to the charter forecast.

As we discussed earlier, charter enrollments have substantially increased during the last five years. The largest increases have occurred when District schools were converted to charter schools. KIPP may be converted to a charter school. Also, some of the charter schools hope to expand their grade offerings, and some new charters may be approved. We worked with Liane Zimmy of the Charter Office to develop Fall 2007 projections for all the individual charter schools (see Appendix B). Under this set of assumptions, charter enrollments will increase by 1,014 students, or 14 percent, in Fall 2007.

Unfortunately, there is little or no basis for forecasting charter enrollments beyond 2007. Much will depend on the performance of charter schools, whether new charters open, and whether more District schools become charters. Because we need to make some assumption about future charter enrollments in order to obtain District enrollments, we thought broadly about charter trends and provide a range of charter enrollments that could occur.

We developed Low, Medium, and High charter forecasts. As we illustrate in the diagram below, the *Low* Charter forecast is used in the *High* District Forecast, because low charter enrollments mean more students attending District schools. Similarly, the *High* Charter forecast is used in the *Low* District forecast.



For Fall 2007, The High forecast uses the forecast developed with the Charter Office. The Medium forecast assumes only 11 percent, rather than the full 14 percent suggested by the Charter Office. The Low forecast assumes that charters would increase by only five percent.

We also made assumptions about the charters' share of total enrollments for Fall 2008 and after. The High forecast assumes charter enrollments will grow to 29 percent of total enrollments, up from 15 percent in 2006. The Medium forecast assumes charter enrollments will be 22 percent of total enrollments in 2010 and will remain stable thereafter. The Low forecast assumes charter enrollments will be 18 percent of total enrollments. These shares can easily be adjusted in the forecast model if better data become available in the future.

## ***New Housing Impacts***

Oakland has gained many new housing units during the last decade, and more units are planned for the future. Although many housing units have been added, most of those units have not resulted in enrollment increases. Many of the housing developments have been high rise or luxury apartments, condominiums, and lofts, which do not yield many students. Even the single family/townhouse units of Leona Quarry development are not yielding many students.<sup>2</sup>

What does generate many students, though, are subsidized housing units. Thus, it is particularly important for us to take into account plans for construction of additional subsidized units because of the potential enrollment impact. Some housing developments will have a percentage of units set aside for lower-income households. These are sometimes called Below Market Rate (BMR) units.

To account explicitly for the enrollment impact of new housing, we multiply the number of housing units to be built by the expected “student yield,” which is the average number of District students per housing unit. Thus, if we expect one student for every two housing units and 100 housing units will be built, the enrollment impact is 50 students (.5 multiplied by 100). An important consideration is the student yield employed for each housing development. Data on student yields are provided in Appendix A. The important point is that affordable or below market rate housing tends to have high student yields, while other new housing units tend to have very low yields. Thus, it is important to focus our attention on those Oakland projects with affordable housing units.

Table 5 shows the housing planned for Oakland. The projects listed at the top of the page accompanied by a housing forecast are expected to have the largest impact on OUSD enrollments or are of particular interest (such as Leona Quarry) and are explicitly modeled in the forecast model. Each development is discussed in the text below.

The housing projects listed under “Other Housing Anticipated for Oakland” in Table 5 are developments expected to have a low enrollment impact. Since the historical trends (grade progressions and K/B ratios) already include the enrollment impact of some housing growth, we do not need to explicitly model each new housing development anticipated in OUSD. The housing units listed under “Housing in the Pre-Application Phase” are not modeled because these units are expected to be occupied beyond the forecast time horizon.

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<sup>2</sup> Leona Quarry was approved for construction of 477 residential and condominium and townhouse units. To date, between 90 and 150 units have been completed. Only four District students live in these homes, for a very low student yield of at most .02 K-12 students per unit. If this yield were to continue, the entire project would yield only 10 District students.

**Table 5**

				Housing Forecast						
				2006	2007	2008	2009	2010	2011	2012
HSAA	Name of Housing Project	# Units	Type of Housing							
Fremont	Lion Creek Crossings	214	BMR	79	47	50	38			
Fremont	Lion Creek Crossings	248	Market	36	59	50	50	53		
Oakland Tech	Wood Street Project	99	BMR				99			
Oakland Tech	Oak to Ninth	2635	Market					200	200	200
Oakland Tech	Oak to Ninth	465	BMR					150	150	165
Oakland Tech	Uptown Project	532	Apts			280	252			
Oakland Tech	Uptown Project	133	BMR			65	68			
Skyline	Leona Quarry	545	Market	90	100	100	100	100	55	
Fremont	Seven Directions	36	BMR			36				
Fremont	Fruitvale Village Phase II	447	Market		89	89	89	89	89	
<b>Other Housing Anticipated for Oakland</b>										
Oakland Tech	11th Street	291	Market							
Oakland Tech	Valdez Project	281	Market							
Fremont	46th Ave	154	Market							
McClymonds	Market Street	58	Market							
McClymonds	West Oakland	110	Market							
Fremont	Ford Street	81	Market Condominiums							
McClymonds	9th Street	50	Market Condominiums							
McClymonds	Madison Lofts	76	Market Condominiums							
McClymonds	Pacific Cannery Lofts	124	Market Condominiums							
McClymonds	Red Star Yeast	119	Market Condominiums							
Oakland Tech	2nd Street	111	Market Condominiums							
Oakland Tech	Broadway	24	Market Condominiums							
Oakland Tech	Harrison	91	Market Condominiums							
Oakland Tech	Jefferson	75	Market Condominiums							
Oakland Tech	Jefferson II	78	Market Condominiums							
Oakland Tech	Key Route Landing	40	Market Condominiums							
Oakland Tech	Zephyr Gate	130	Market Condominiums							
Oakland Tech	Broadway II	110	Market Multi Family							
Oakland Tech	Broadway III	110	Market Multi Family							
Oakland High	Embarcadero Cove	149	Market Single Family							
Oakland High	Embarcadero Cove II	81	Market Single Family							
Skyline	Skyline Ridge Estates	22	Market Single Family							
McClymonds	Emerald Parc	55	Market Townhouses							
McClymonds	Mandela Gateway	14	Market Townhouses							
Skyline	Lincoln (Senior)	82	Seniors							
Skyline	MacArthur Blvd Senior	142	Seniors							
<b>Housing in the Pre-Application Phase</b>										
Skyline	Skyline Blvd	38	Market Single Family							
Oakland Tech	13th Street	356	Market							
Fremont	International Blvd	28	Market							
Castlemont	Hegenberger Road	275	Market							
Castlemont	Tassafaronga Village	30	BMR							
Castlemont	Tassafaronga Village	170	Market							

HSAA = High School Attendance Area

### **Lion Creek Crossings**

Lion Creek Crossings is a mixed income housing development, formerly known as Coliseum Gardens. A total of 462 units will be built, of which 214 will be BMR, and 248 are market rate units. By Fall 2006, Lion Creek Crossings had 115 completed units. At that time, 80 students living there were enrolled in District schools, including 35 elementary, 20 middle school, and 25 high school students. This is a yield of .70 (80 students divided by 115 housing units). This is typical of yields we have seen for BMR housing in OUSD and in other districts.

Of the 35 elementary students in the development, 21 attended Lockwood, the neighborhood elementary. This implies that because of the District's Options program, elementary students from new housing developments may choose to attend schools outside their neighborhood.

### **Leona Quarry**

Leona Quarry is a project with 477 condominium and townhouse units. By Fall 2006, between 90 and 150 units were occupied. At that time, only four students were enrolled in District schools, for a yield of .03 or .04, depending on how many units were actually occupied. Perhaps some children from the development attend charter schools; we do not have data to check this. In any event, this low student yield leads us to expect relatively few future students from this development. Sometimes yields are especially low in the first year housing is built and occupied, so yields will probably increase, at least a bit. The Medium forecast assumes a yield of .10, or 48 students when the project is completed.

### **Oak to Ninth**

Oak to Ninth is a large project, a total of 3,100 units, of which 465 will be below market rate. The remaining 2,635 units will be luxury apartments. Discussions with the developer indicate that the plan is to build the project over a 14-year period. In the first five years, the 465 below market rate units and 600 market rate units will be built. Units would begin to be occupied in the second or third year. The developer hopes to begin construction in January 2009. We forecast students from this development beginning in Fall 2011. When the first phase is completed, which is beyond our projection period, we anticipate almost 350 students from these units (assumes a yield of .70 for BMR units and .02 for market rate units).

### **Uptown Project**

The Uptown Project plans include 665 units, of which 133 will be BMR and the remaining 532 will be apartments. Occupancy is expected to begin in 2008, with the project completed by 2009. Using a yield of .70 for the BMR units and a yield of .02 for the market rate apartment units, by 2009, we expect about 100 K-12 District students to live in the development.

### **Wood Street Project**

The Wood Street Project (at 14<sup>th</sup> and Wood Streets) is being built by Bridge Housing Corporation. A total of 99 affordable apartment units will be built. Occupancy is expected in 2009. Using a yield of .70, we expect about 70 students from the development.

### **Seven Directions**

Seven Directions is a small development of only 36 apartment units. We include it here, however, because all units will be BMR. Occupancy is expected in 2008. Using a yield of .70, we expect about 25 students to live in this development.

**Fruitvale Transit Village II**

The Fruitvale Transit Village was constructed in the early 2000s, and is located near the Fruitvale BART station. There are 46 units of mixed income loft housing units currently occupied, along with 68 senior housing units. In Phase II, 477 units are planned.

***Forecast Assumptions***

We use the housing forecast for all forecast scenarios. For each scenario, we vary the yield factors used in calculating the number of students expected from the new developments. Table 6 shows the assumptions used in the Low, Medium, and High forecasts. See Appendix A for existing student yields in OUSD upon which we have drawn to guide these assumptions.

**Table 6**

	<b>Student Yield Assumptions</b>		
	Low Forecast	Medium Forecast	High Forecast
Below Market Rate (BMR)	0.40	0.70	0.70
Single Family	0.05	0.10	0.15
Apartments	0.00	0.05	0.10
Condominiums	0.00	0.02	0.05
General Market Rates	0.00	0.02	0.05

## Forecast Technique and Grade Progressions

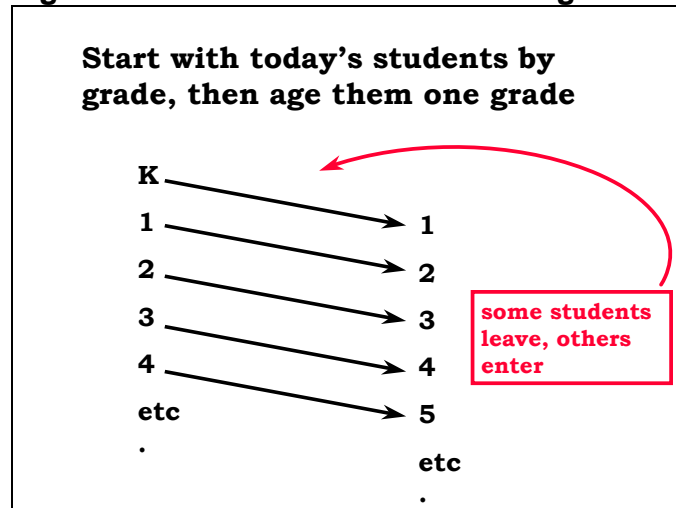
Using school enrollment data, we can measure “grade progressions” and “kindergarten-to-birth ratios” (K/B ratios). These measures provide a picture of the demographic patterns in the community. In particular, these measures tell us about the migration of families in and out of Oakland. In addition, the grade progressions give us an indicator of drop out rates at the older grades and the choices parents make between private and public schools.

Not only are the grade progressions and K/B ratios useful for painting a picture of the community’s migration trends, but also each measure is needed as an input or assumption in the forecast model. We study historical trends so that we can better determine what measures to use in the forecast model.

### Defining and Measuring Grade Progressions

The forecast method<sup>3</sup> starts with the number of students currently in the District (and charter schools), by grade. Cohorts of students (students in the same grade) are advanced to the next grade for each forecast year (Figure 1). This year’s first graders become next year’s second graders, and the following year’s third graders, and so on. However, as a cohort moves through the grades, its numbers can change. Figure 1 illustrates this process. When forecasting, it is very important to account for students entering and leaving, by grade. We measure historical patterns of cohort change to guide the forecast assumptions.

**Figure 1: Cohort Survival/Grade Progression**

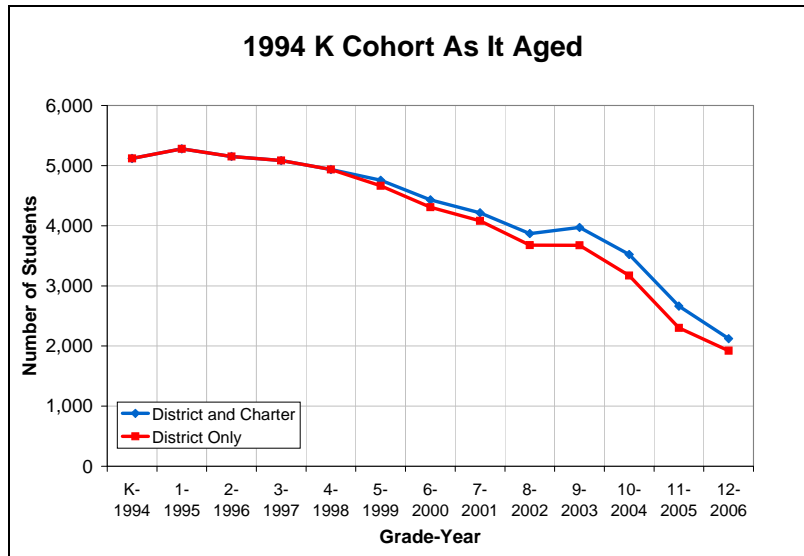


One way to measure cohort change is to follow a single cohort over time. Chart 4 tracks the kindergarten class of 1994 as it progressed through the grades. This cohort will graduate from high school in Spring 2007. By 1999, some of the students attended a charter school, and are included in the blue (upper) series. By the time this group reached the eighth grade, its numbers had shrunk to 72 percent of its original size. In the ninth grade, enrollments increased as some private school students switched to public schools.<sup>4</sup> Enrollments declined after ninth grade as students dropped out or graduated early.

<sup>3</sup> The standard forecasting technique used in this report is called the cohort survival method or cohort component method.

<sup>4</sup> In California (and the nation) private schooling is more common in the lower grades than in the upper ones. Virtually all districts experience an enrollment increase between eighth and ninth grades as private school students enter public schools.

Chart 4



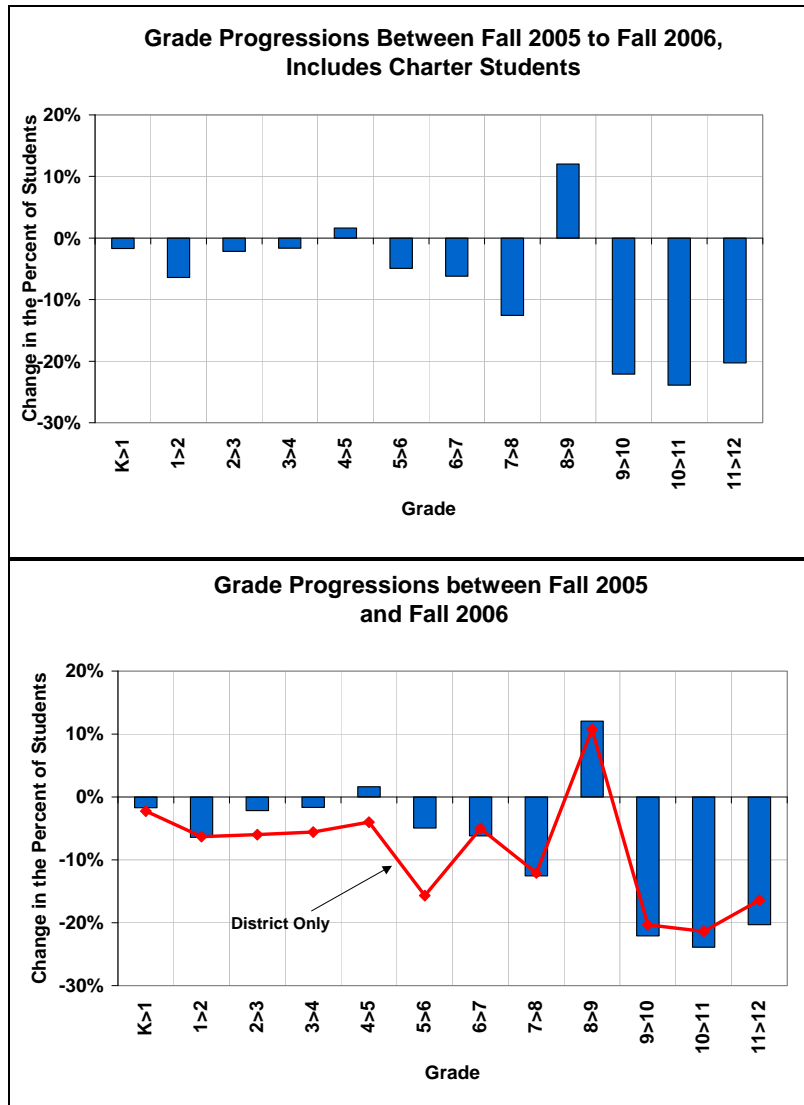
Changes in cohort size usually result from families migrating into and out of the District, but can also be caused by private-to-public, public-to-private, charter-to-public, and public-to-charter transfers and by students repeating or skipping grades or dropping out altogether.

Another measure examines how much the size of each cohort changes between the fall of one school year and fall of the next. We compare each pair of grades. Demographers call such a change a *grade progression* (or in formal demography, the cohort's survival rate).

Chart 5 shows the grade progression for each pair of grades from Fall 2005 to Fall 2006. The top chart includes charter students. There are negative grade progressions for most grades, meaning numbers shrink between one school year and the next. The main exception to this pattern is between eighth and ninth grades, when many private school students enter public schools. This high rate can also occur if ninth graders are retained (remaining in school, but without enough credits to be classified as tenth graders). Negative grade progressions are especially significant in the high school grades. The negative grade progressions for the higher grades result at least partly from dropouts. In Oakland's public schools, high school cohorts tend to shrink by an average of 20 percent per year. Other urban school districts, like Los Angeles Unified, show similar declines.

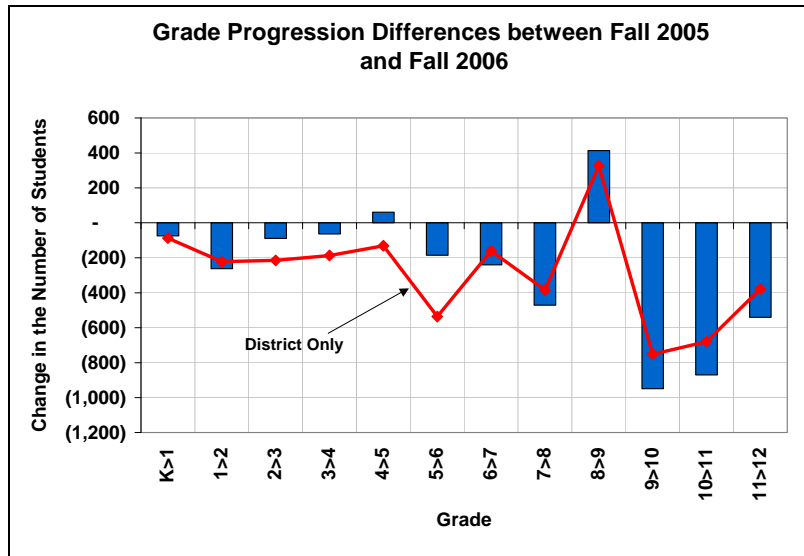
The line in the bottom graph of Chart 5 shows the grade progressions for students only in (non-charter) District schools. Here we see the grade progressions are more negative at the elementary level, and particularly between the fifth and sixth grades. This difference can result for several reasons. It means that charter elementary grade progressions are for the most part positive, either because new charter schools are started or because students are more likely to continue in charter schools. The progression is particularly high in the charter schools between fifth and sixth grades, when some students enter the charter middle schools from District elementary schools. Note, however, that the grade progression rate in high school grades is quite similar for both combined schools and District schools. This means that about 20 percent of each cohort is not continuing to the next grade, whether they are in a District or charter school.

**Chart 5**



The above chart showed the *percentage change* of students progressing to the following grade. We can also consider the change in the *number* of students progressing to the following grade. Chart 6 shows the change in the number of students as the cohorts progress to the next grade. This chart shows the grade progression differences from Fall 2005 to Fall 2006, including and excluding charter students. The bars represent the grade progressions measured using charter and District students; the line represents the grade progressions measured only using the District students. The patterns are the same as those for the grade progression percentages. About 400 students are gained between eighth and ninth grades. Over 800 students are lost as the ninth graders progress to the tenth grade and another 800 are lost as the tenth graders progress to the eleventh grade.

**Chart 6**



For the forecast model, we needed to choose a set of grade progressions to use when advancing the current student body for each forecasted year. We needed to decide whether to use the Fall 2005 to Fall 2006 grade progressions that we have shown, or some other set. To help make this decision, we examined OUSD grade progressions over time.

One way to compare recent grade progressions with historical trends in grade progressions is by summarizing elementary, middle, and high school progressions for each pair of years for which we have data. For example, to summarize elementary grade progressions we compare the sum of kindergarten through fourth grade enrollments one year with total first through fifth grade enrollments the following year. These aggregated grade progressions are useful for comparing trends over time, giving a long-term perspective on demographic trends.

Chart 7 shows elementary, middle, and high school grade progressions summarized for each pair of years since 1981. The bars show the grade progressions measured when charter students are combined with District students, and the line shows the grade progression values if charter students are excluded. Note that it is not until the mid- to late-1990s that the charter schools had an effect.

**Elementary Grade Progressions**

We first consider the grade progressions that include the charter students, as this suggests the overall demographic pattern in Oakland. Elementary grade progressions have almost always been negative, meaning that more students leave than enter OUSD schools as the students in kindergarten through fourth grades progress to first through fifth grades. But beginning in 1998, elementary grade progressions turned even further downward, hitting their lowest point between 2002 and 2003. About six percent of the elementary students did not return the following year. This timing coincides with the financial difficulties experienced by the District and the appointment of the state administrator. Though still negative, elementary grade progressions have been steadily improving since 2002. Between Fall 2005 and Fall 2006, the aggregated elementary grade progression was -2.1 percent, which is similar to the elementary grade progression levels in the early 1990s. *It appears that Oakland’s big elementary-aged population losses have abated.*

This assessment might seem surprising because the District has continued to lose significant numbers of students. The red line of the elementary graph shows that last year almost 12 percent of the students were lost,

and this year, the rate was nearly five percent. These are significant losses and have implications for budgets and staffing, but they result from students shifting to charter schools rather than from their leaving the District altogether.

In summary, the District elementary grade progression rates are quite negative, while the combined District and charter grade progression rates are actually quite normal from an historical perspective. It is this top graph of Chart 7 that shows that the District continues to have elementary enrollment declines, *not* as a result of migration out of Oakland, but because parents are sending their children to local charter schools.

### **Middle School Grade Progressions**

Even when including charter students, middle school grade progressions have consistently been quite negative during the last five pairs of years. When compared to the last 25-year history, it is clear that a new trend has emerged. During the last five years, between seven and eight percent of students did not continue in either District or charter schools. The data on private schools suggest they are not attending private schools either. This means that middle school students are leaving Oakland altogether or are dropping out of school. We know that during the early 2000s, many families left Oakland. It is surprising that the middle school cohort survival rates are *still* negative in the last year or two, even though they are no longer as negative at the elementary level. Usually, if many families are leaving an area, both the elementary and middle school grade progressions are negative. During the last two years, the seventh to eighth grade progression was abnormally negative, while the fifth to sixth and sixth to seventh grade progressions were back to normal.

The line on the middle school graph shows the grade progression rates of just District students. During the last five years, the grade progressions for District-only students are much more negative than when charter students are included.

### **High School Grade Progressions**

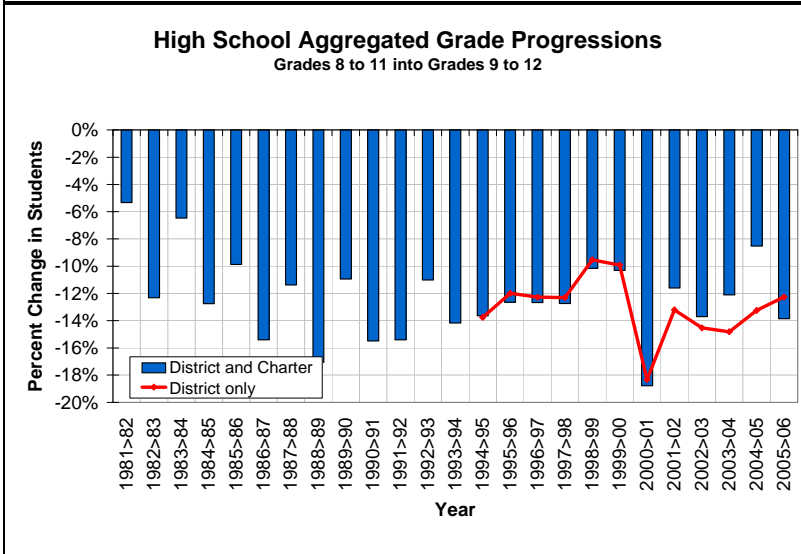
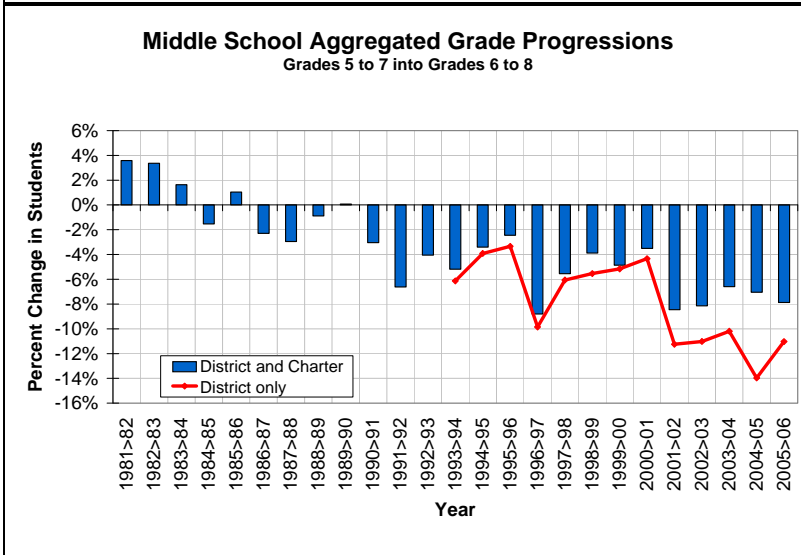
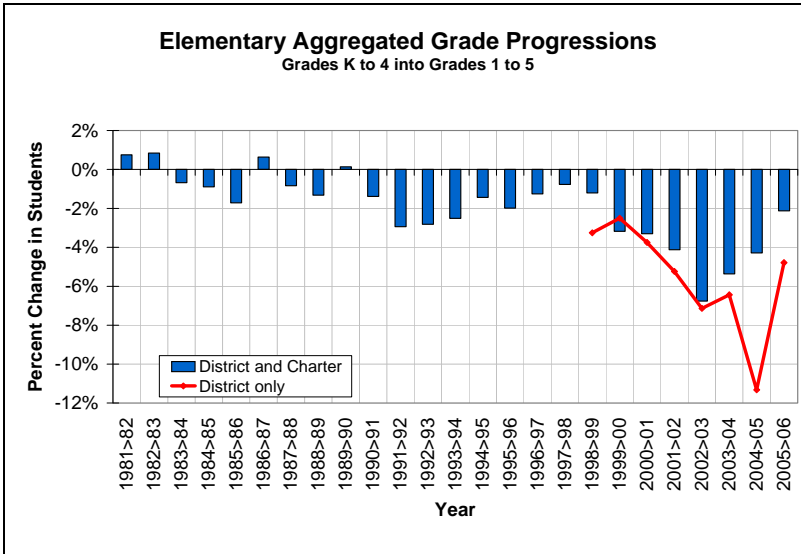
High school grade progressions are notably negative and variable. In most years, the cohorts lose between 10 and 16 percent of their members as the eighth to eleventh graders move to the ninth through twelfth grades.

The Fall 2000 to Fall 2001 grade progressions were abnormally negative. This was not true of the elementary or middle school grade progressions.

The District has worked on improving retention in the high schools, introducing small schools and other innovative programs. During the last five years, high school grade progressions have improved, but remain similar to the historical average. The fact that the grade progressions did not decline as much as those of the elementary and middle schools may be the result of these special programs.

District grade progressions (excluding the charter students) show a more stable trend. The Fall 2004 to Fall 2005 grade progression no longer looks anomalous. And the Fall 2005 to Fall 2006 grade progression is actually less negative for District students alone than when the charter students are included.

**Chart 7**

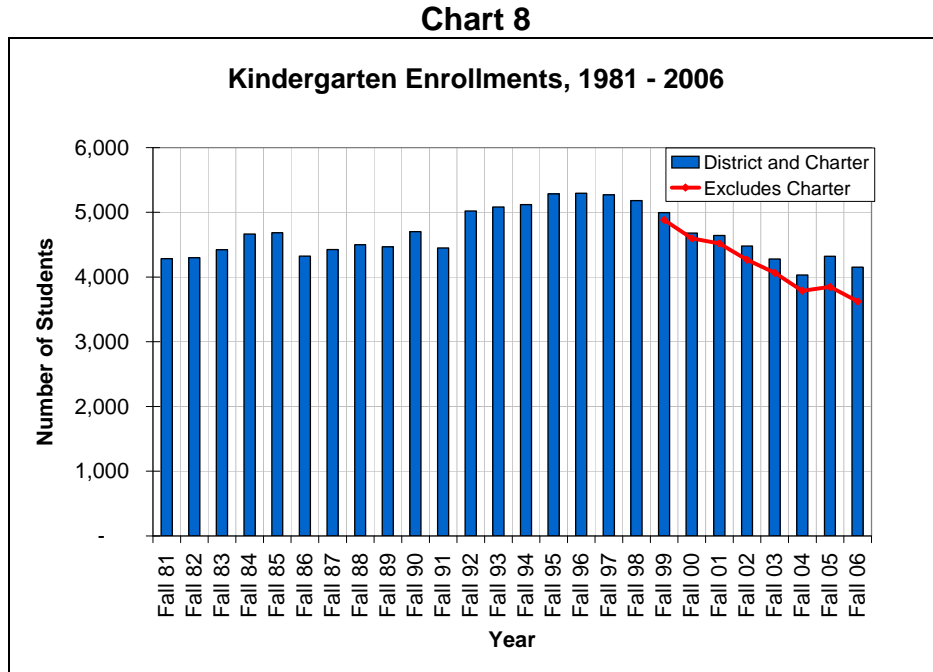


## Kindergarten Forecasts

Kindergarten enrollments are forecasted separately because there is no prior grade upon which to base enrollments. However, we do have birth data for Oakland, and this is used to estimate the size of kindergarten classes five years later. This section reviews kindergarten enrollment trends, birth trends, and the relationship between births and subsequent kindergarten enrollments.

Chart 8 shows OUSD kindergarten enrollments over time. They have fluctuated, with a substantial increase between 1992 and 1998. This “kindergarten bubble” also occurred in both the state and nation. OUSD kindergarten enrollments increased from about 4,500 per year during most of the 1980s to nearly 5,300 students per year by 1995.

After 1999, kindergarten enrollments fell sharply until 2004. Between 2004 and 2006, kindergarten enrollment stabilized, and even increased, when charter students are included. Excluding the charter students, the enrollment pattern is less clear. Although District kindergarten enrollments rose a bit in Fall 2005, they dropped again in Fall 2006, but were still higher than enrollments in Fall 2004.



### Birth Trends

Chart 9 shows birth trends in the state, Alameda County, and City of Oakland. Between 1980 and 1990, the number of births increased in the state, county, and city. Between 1990 and 1995, the trend in all three charts showed a decline. While Oakland birth trends are similar to those in the county and state, there are two important differences. First, the number of Oakland births declined more after 1990 than at the state or county. And second, the number of Oakland births declined again beginning in 2002, while no decline is evident at the state or county. The birth decline beginning in 2002 suggests that kindergarten enrollments will also decline in Fall 2007 and continue declining.

### Chart 9

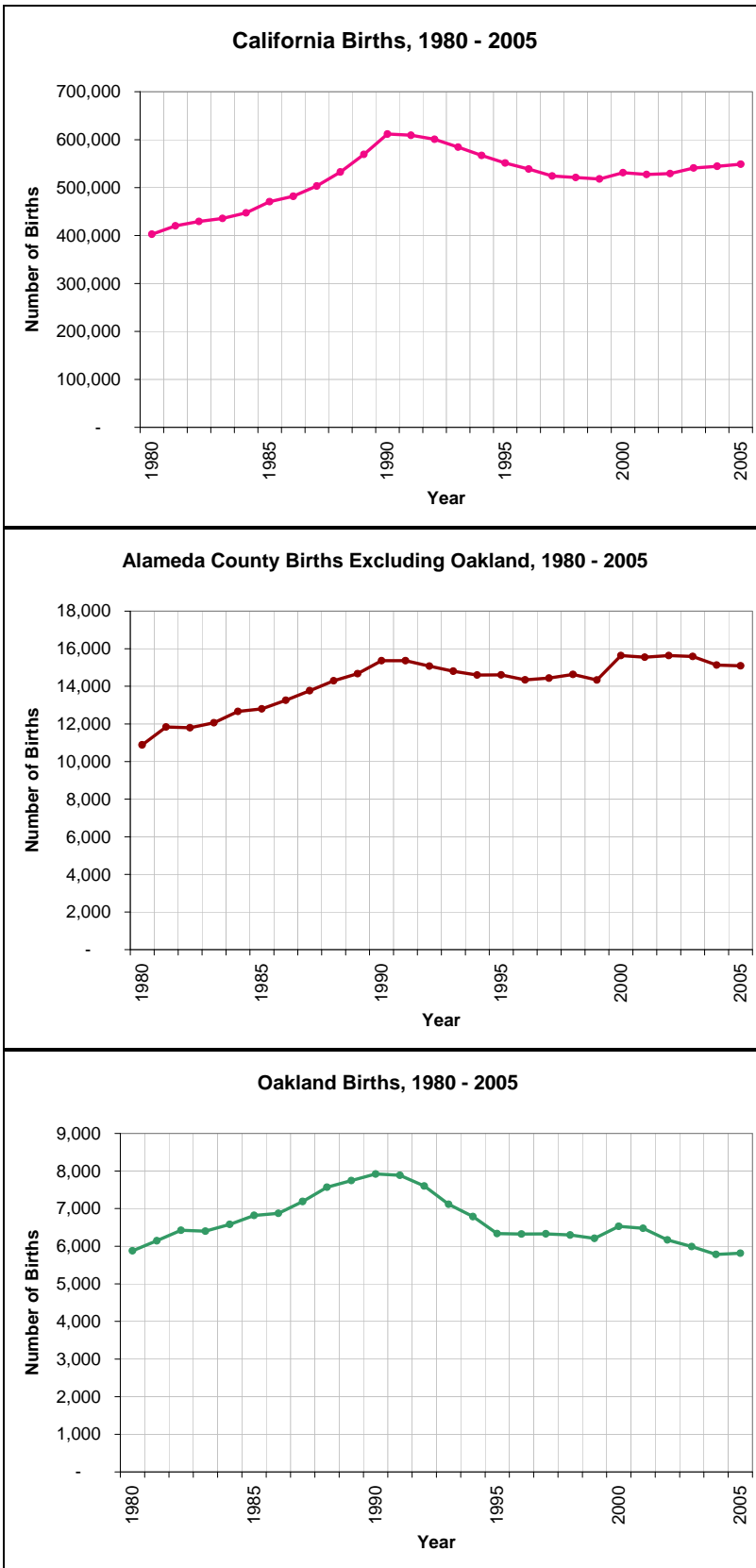
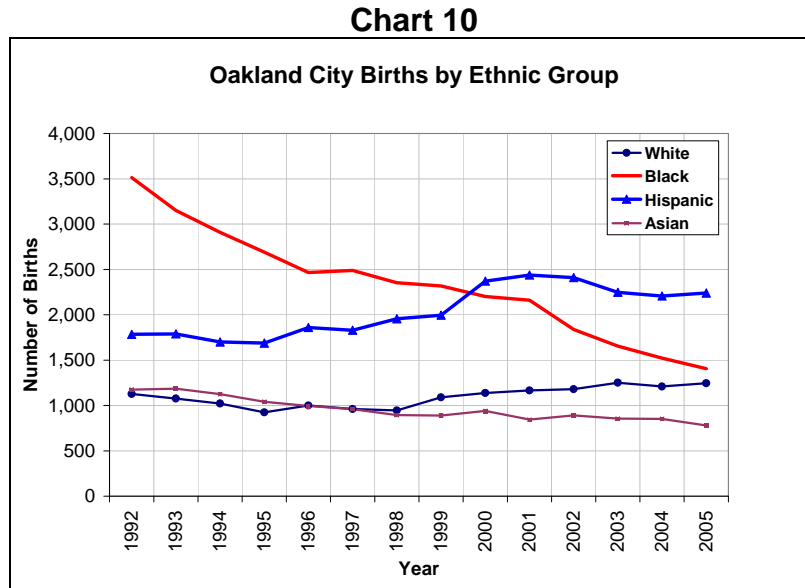


Chart 10 shows the number of Oakland births by ethnicity of mother. The most striking trend is the decline in the African-American population. *The number of African-American births declined from 3,500 in 1992 to under 1,500 children in 2005.* The number of Hispanic births increased, but not nearly enough to offset the decline in African-American births.



***Relationship between Births and Subsequent Kindergarten Enrollment***

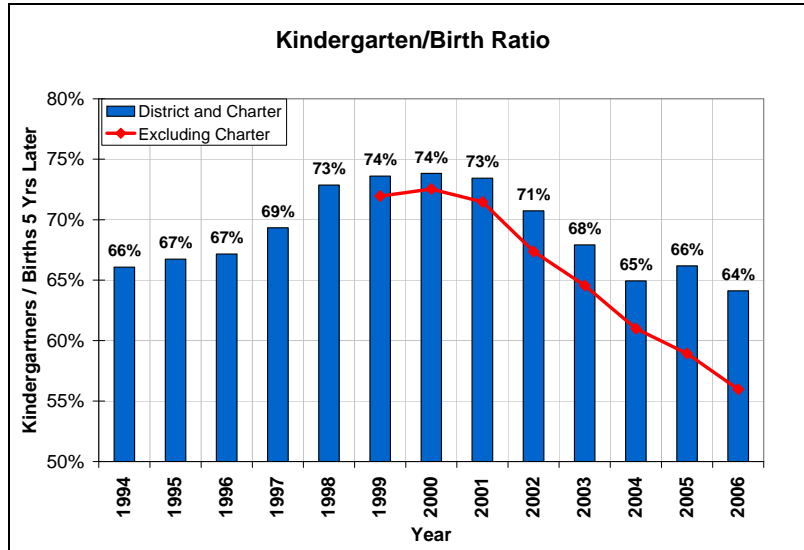
Although we use birth trends to guide our forecast of future kindergarten enrollments, it is important to note that there is not a direct relationship between births and kindergarten enrollment. Many families move between the time children are born and when those children enter kindergarten: families with preschoolers are the most mobile segment of the population. To account for this migration and for the fact that some parents choose to send their children to private schools, we determine the historical share of births resulting in kindergarten enrollments five years later. In OUSD, between 58 and 72 percent of births have resulted in kindergarten enrollment. We call this percentage the “K/B ratio,” because it is literally the ratio of kindergartners to births five years earlier.

To forecast kindergarten enrollments, we multiply births five years earlier by the K/B ratio. We consider historical K/B ratios to guide our assumption about the ratio to apply to future years. Chart 11 shows the K/B ratio from 1994 through 2006, both with and without charter students. To understand Oakland’s migration flows, we use the K/B ratio including the charter students. This series shows less variation than when charter students are excluded. Including the charter students, the K/B ratio peaked in the late 1990s and early 2000s, then started to decline. This is the same timing seen for the decline of elementary grade progressions. Note that the decline stopped in the last three years, similar to that of the elementary grade progressions. Current K/B ratios are almost as high as those in the mid 1990s.

The line of Chart 11 shows the K/B ratio measured without the charter students. Because an increasing number of OUSD students are entering charter schools, the K/B ratio is of course declining. We believe that the K/B ratio that excludes the charter students is not very useful for forecasting purposes, because much depends on the future of the charter schools. If more charter schools are opened, the District ratio will fall; if charter enrollments stabilize or decline, the K/B ratio is likely to follow suit. Forecasting charter enrollment explicitly offers us the best basis for forecasting District kindergarten enrollments. In short, forecasting District

kindergarten enrollment is a three-step process: first, we forecast District and charter students combined, based on births and the K/B ratio; second, we forecast charter kindergartners alone; and, third, we subtract that result from the combined forecast.

**Chart 11**



**Forecast Assumptions**

To forecast kindergarten enrollment, the model multiplies births five years earlier by the assumed K/B ratio. Thus, the key assumption needed for the Low, Medium, and High forecasts is the K/B ratio, and we have based our assumptions on OUSD’s recent history. The Medium forecast uses the most recent K/B ratio (64 percent) to match the assumptions used for the grade progressions. The High forecast assumes the K/B ratio increases to 70 percent, while the Low forecasts assumes the K/B ratio will decrease to 60 percent.

Again, note that we first forecast the combination of District and charter students and then separate District from charter students. The K/B ratio used in the forecast model is the ratio of District and charter students combined.

## ***Enrollment Forecasts***

Three different forecast scenarios were developed, each based on a separate set of assumptions concerning future charter enrollments, kindergarten enrollments, grade progressions, and effects from new housing. We suggest that the District plan for the Medium forecast, but have contingency plans for the Low and High forecasts. Because of the inherent uncertainties in forecasts, it is important to have flexible plans for staffing, budgeting, and facilities usage.

The forecast is a three-step process:

1. Combine charter and District student populations and make a combined forecast.
2. Independently forecast charter enrollments.
3. Subtract the charter enrollment forecast from the combined forecast to arrive at the forecast of District enrollments.

The independent forecast for Charter students was presented on page 18-19. To review, currently, 15 percent of the student body is charter students. The share is expected to increase to 22 percent in the Medium forecast. We think it is important to use explicit, transparent, and easily-modified assumptions about future charter enrollments. Charter enrollments have had a huge impact on District enrollment levels, but their future levels are unknown. Some believe that charter enrollments will continue to grow, others believe that they will grow for a few years and then decline, and still others believe that charter schools are only a temporary phenomenon.

In addition to assumptions about future charter enrollments, the other key assumption concerns grade progressions, which reflect migration into and out of Oakland. The Medium forecast assumes that the most current year's set of grade progressions continue in the future. This assumption was made largely to recognize the recent change in elementary grade progressions. The elementary grade progressions have improved during the last few years, so that an *average* would suggest a decline from the most recent levels. Using the Fall 2005 to Fall 2006 grade progressions assumes that a new trend has emerged in which migration of families with elementary-aged children has normalized in that they are similar to historical averages.

Table 7 summarizes the assumptions used in the forecast model.

**Table 7: Assumptions**

	<b>Low Forecast</b>	<b>Medium Forecast</b>	<b>High Forecast</b>
1. Enrollment base	Same as Medium forecast	Historical CBEDS enrollments from CDE	Same as Medium forecast
2. Grade progressions (impact from housing turnover)	The Medium Forecast's grade progressions reduced by 97% and 99%	The most current set of grade progressions: the set of grade progressions between Fall 2005 and Fall 2006	The Medium Forecast's grade progressions increased by 101%, 103%, and 105%
3. Kindergarten to birth ratio	Gradually declining to 60%	The most recent K/B ratio (64%)	gradually increasing to 70%
4. Housing forecast	Same as Medium forecast	Explicit housing forecasts provided for: Lions Crossings, Leona Quarry, Uptown Project, Fruitvale Transit Village II, Seven Directions, and Wood Street Project (See Table 5, page 21)	Same as Medium forecast
5. Student yields	.4 for BMR units .05 for SFU .05 for MFU 0 for condos 0 for general market rate units	.7 for BMR units .1 for SFU .1 for MFU .02 for condos .02 for general market rate units	.7 for BMR units .15 for SFU .15 for MFU .05 for condos .05 for general market rate units
6. Charter enrollment forecast	The share of charter enrollment reaches 20 percent in 2011	Charter enrollment becomes 22 percent of all enrollments in 2010 and remains level (up from 15 percent in 2006)	The share of charter enrollment continues to increase each year, reaching 31 percent of all enrollments by 2011

**Forecast Results**

Table 8 and Chart 12 show Low, Medium, and High forecast enrollments both with and without charter students. Between Fall 2006 and Fall 2011, the Medium forecast shows K-12 District enrollments declining by 7,689 students. Almost 2,400 of this decline is due to the expected increase in charter enrollments.

**Elementary Enrollments.** In the Medium forecast, by Fall 2011, District elementary enrollments decline by about 3,000 students, of which 500 is from increased charter enrollment. The decline is driven largely by future kindergarten classes, which are assumed to be low in coming years, following the birth decline between 2002 and 2005. If kindergarten enrollments were to remain at their current level, the elementary decline would be only 706 students.

**Middle School Enrollments.** In the Medium forecast, District middle school enrollment shows a 700 student decline, of which nearly 400 is from increased charter enrollment. The percentage decline at the middle schools is much smaller than at the elementary. The lower decline is a result of relatively high grade progressions at the elementary level. The students of the low kindergarten classes expected to start in Fall 2007 will not have reached the middle school by 2011, so this effect is not operating yet.

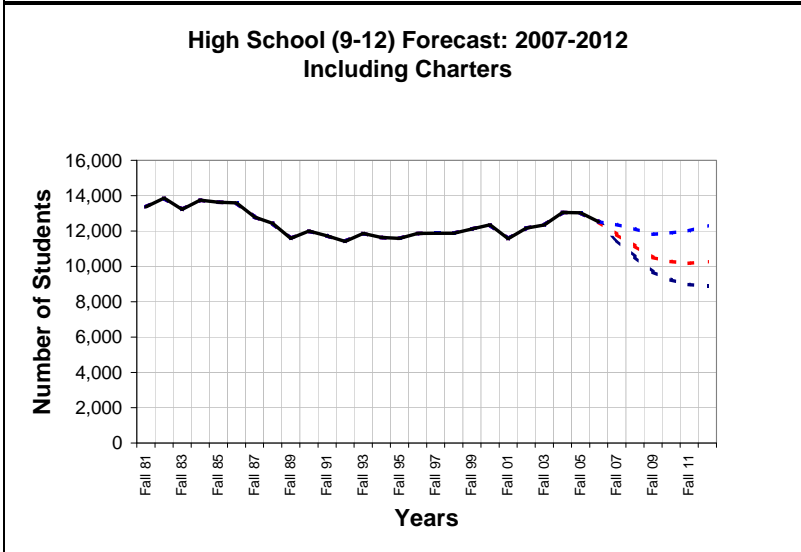
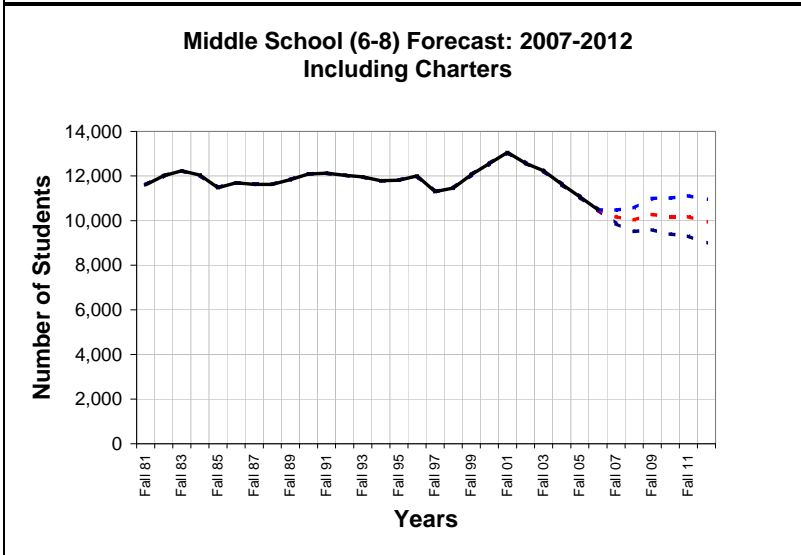
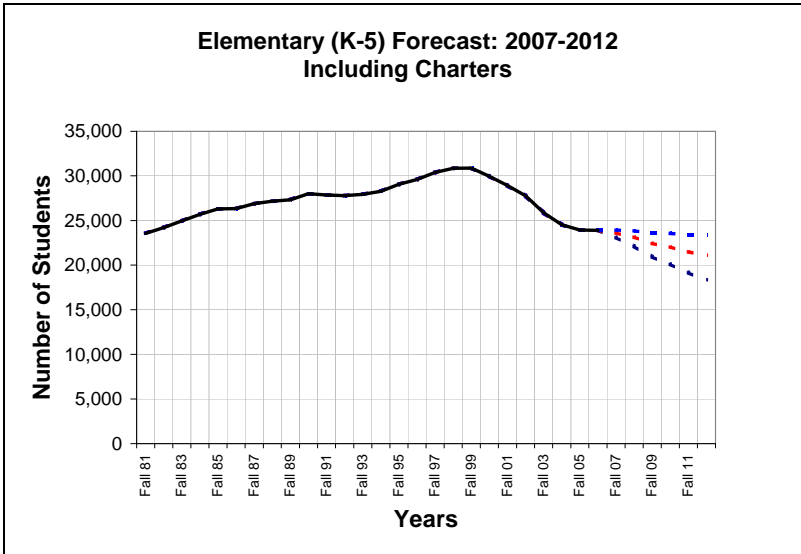
**High School Enrollments.** District high school enrollments decline significantly. By 2011, high school enrollments decline by over 4,000 students, of which 1,500 is due to increased charter enrollments. Another reason for the decline is the much smaller ninth grade classes entering in the coming years. These cohorts are small both because kindergarten enrollments have been dropping for several years with these cohorts finally reaching the ninth grade and because of the low retention rates experienced in the middle schools.

Table 9 shows District (non-charter) enrollment change between Fall 2006 and Fall 2007 for each forecast scenario. The Medium forecast shows a K-12 loss of 1,650 students between Fall 2006 and Fall 2007.

### **Comparison to Budget Projections**

The District forecast for 2007 projects a loss of between 521 and 3,727 students. Currently, the budgeting process is based on losing 1,600 students next year. This budgeting projection does not include losses if KIPP converts to a charter, which the projections reported here assume. If the KIPP conversion is folded into the budgeting projection, the budgeting projection would show a 1,840-student loss, which is close to the loss shown for the Medium forecast (1,650).

**Chart 12**



**Table 8  
Enrollment Forecasts by Scenario**

Low Forecast				Medium Forecast				High Forecast			
<b>Elementary: K-5</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>	<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>	<b>2006-07</b>	<b>20,364</b>	<b>3,542</b>	<b>23,906</b>
2007-08	19,502	3,771	23,273	2007-08	19,942	3,658	23,600	2007-08	20,443	3,469	23,912
2008-09	18,418	4,077	22,494	2008-09	19,266	3,888	23,154	2008-09	20,137	3,713	23,851
2009-10	16,928	4,515	21,443	2009-10	18,438	3,988	22,427	2009-10	19,665	3,896	23,560
2010-11	16,100	4,664	20,764	2010-11	17,998	4,030	22,027	2010-11	19,421	4,135	23,556
2011-12	15,168	4,787	19,955	2011-12	17,444	4,051	21,495	2011-12	19,067	4,336	23,402
2012-13	14,450	4,835	19,285	2012-13	16,949	4,166	21,115	2012-13	18,842	4,565	23,406
Change:											
2006 to 2011	-5,196	1,245	-3,951	-2,920	509	-2,411		-1,297	794	-504	
<b>Middle School: 6-8</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>	<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>	<b>2006-07</b>	<b>8,721</b>	<b>1,767</b>	<b>10,488</b>
2007-08	7,837	2,029	9,866	2007-08	8,203	1,968	10,172	2007-08	8,610	1,867	10,477
2008-09	7,361	2,147	9,509	2008-09	7,982	2,048	10,030	2008-09	8,577	1,988	10,565
2009-10	7,311	2,280	9,591	2009-10	8,264	2,014	10,278	2009-10	8,820	2,176	10,997
2010-11	6,991	2,407	9,398	2010-11	8,099	2,080	10,179	2010-11	8,705	2,301	11,006
2011-12	6,773	2,533	9,306	2011-12	8,037	2,143	10,181	2011-12	8,691	2,426	11,118
2012-13	6,436	2,558	8,994	2012-13	7,733	2,204	9,937	2012-13	8,452	2,506	10,958
Change:											
2006 to 2011	-1,948	766	-1,182	-684	376	-307		-30	659	630	
<b>High School: 9-12</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>	<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>	<b>2006-07</b>	<b>10,609</b>	<b>1,919</b>	<b>12,528</b>
2007-08	8,628	2,442	11,484	2007-08	9,899	1,985	11,884	2007-08	10,120	2,247	12,367
2008-09	6,946	3,138	10,540	2008-09	8,577	2,576	11,154	2008-09	9,795	2,333	12,127
2009-10	5,791	3,884	9,675	2009-10	7,438	2,994	10,432	2009-10	9,415	2,396	11,811
2010-11	4,842	4,393	9,234	2010-11	6,832	3,276	10,108	2010-11	9,309	2,583	11,892
2011-12	4,253	4,719	8,972	2011-12	6,523	3,444	9,967	2011-12	9,270	2,741	12,011
2012-13	4,135	4,766	8,901	2012-13	6,475	3,542	10,016	2012-13	9,373	2,927	12,300
Change:											
2006 to 2011	-6,356	2,800	-3,556	-4,086	1,525	-2,561		-1,339	822	-517	
<b>Total: K-12</b>											
Year	District	Charter	Total	Year	District	Charter	Total	Year	District	Charter	Total
<b>2006-07</b>	<b>39,694</b>	<b>7,228</b>	<b>46,922</b>	2006-07	39,694	7,228	46,922	<b>2006-07</b>	<b>39,694</b>	<b>7,228</b>	<b>46,922</b>
2007-08	35,967	8,242	44,623	<b>2007-08</b>	<b>38,044</b>	<b>7,611</b>	<b>45,655</b>	2007-08	39,173	7,583	46,756
2008-09	32,724	9,362	42,543	2008-09	35,825	8,512	44,337	2008-09	38,509	8,034	46,543
2009-10	30,030	10,680	40,710	2009-10	34,140	8,997	43,137	2009-10	37,900	8,468	46,368
2010-11	27,932	11,464	39,396	2010-11	32,928	9,386	42,314	2010-11	37,435	9,020	46,454
2011-12	26,193	12,039	38,233	2011-12	32,005	9,638	41,643	2011-12	37,028	9,503	46,531
2012-13	25,021	12,160	37,181	2012-13	31,157	9,912	41,069	2012-13	36,666	9,998	46,664
Change:											
2006 to 2011	-13,501	4,811	-8,689	-7,689	2,410	-5,279		-2,666	2,275	-391	

**Table 9  
District and Charter Students**

	<b>Enrollments</b>				
	Fall 05	Fall 06	Fall 07		
			<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	23,940	23,906	23,273	23,600	23,912
6 to 8	11,067	10,488	9,866	10,172	10,477
9 to 12	13,030	12,528	11,484	11,884	12,367
<b>Total</b>	<b>48,037</b>	<b>46,922</b>	<b>44,623</b>	<b>45,655</b>	<b>46,756</b>

	<b>Annual Change</b>			
	Fall 05 to Fall 06	Fall 06 to Fall 07		
		<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	-34	-633	-306	6
6 to 8	-579	-622	-316	-11
9 to 12	-502	-1,044	-644	-161
<b>Total</b>	<b>-1,115</b>	<b>-2,299</b>	<b>-1,267</b>	<b>-166</b>

**Charters Only**

	<b>Enrollments</b>				
	Fall 05	Fall 06	Fall 07		
			<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	2,939	3,542	3,469	3,658	3,771
6 to 8	1,772	1,767	1,867	1,968	2,029
9 to 12	1,957	1,919	2,247	1,985	2,442
<b>Total</b>	<b>6,668</b>	<b>7,228</b>	<b>7,583</b>	<b>7,611</b>	<b>8,242</b>

	<b>Annual Change</b>			
	Fall 05 to Fall 06	Fall 06 to Fall 07		
		<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	603	-73	116	229
6 to 8	-5	100	201	262
9 to 12	-38	328	66	523
<b>Total</b>	<b>560</b>	<b>355</b>	<b>383</b>	<b>1,014</b>

**District Only**

	<b>Enrollments</b>				
	Fall 05	Fall 06	Fall 07		
			<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	21,001	20,364	19,502	19,942	20,443
6 to 8	9,295	8,721	7,837	8,203	8,610
9 to 12	11,073	10,609	8,628	9,899	10,120
<b>Total</b>	<b>41,369</b>	<b>39,694</b>	<b>35,967</b>	<b>38,044</b>	<b>39,173</b>

	<b>Annual Change</b>			
	Fall 05 to Fall 06	Fall 06 to Fall 07		
		<i>Low</i>	<i>Medium</i>	<i>High</i>
K to 5	-637	-862	-422	79
6 to 8	-574	-884	-518	-111
9 to 12	-464	-1,981	-710	-489
<b>Total</b>	<b>-1,675</b>	<b>-3,727</b>	<b>-1,650</b>	<b>-521</b>

## ***Neighborhood Analysis***

In this section we discuss enrollment trends and forecasts for subareas of OUSD. In particular, we used the High School Attendance Areas (HSAA) as our geographic subareas to study. Throughout this section we analyze the students who reside in the six HSAA's, regardless of where these students attend school. Thus, a student living in the Castlemont HSAA who attends a school in the Skyline HSAA is considered, for our purposes here, a Castlemont student. This "neighborhood analysis" allows us to analyze the demographic patterns within the community.

In this section, we first discuss the treatment of charter students, followed by a discussion of the enrollment decline by HSAA. Then we show birth trends by HSAA. And finally, we provide forecasts of residents by HSAA.

### **The Treatment of Charter Students**

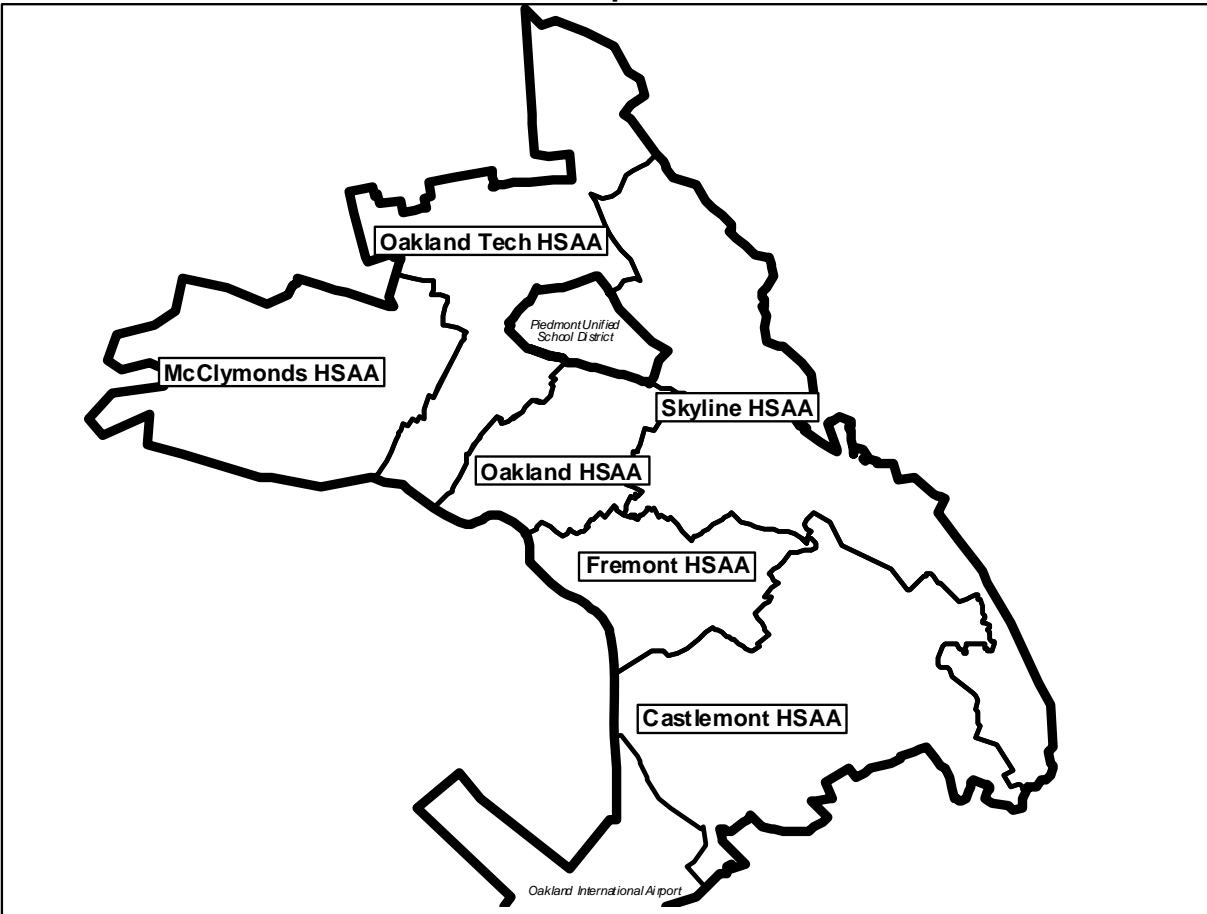
An awkward aspect of analyzing the HSAA demographic patterns is the role of charter students. Ideally, as we did in the district-wide analysis, we must include charter students. Otherwise we try to understand District enrollment losses, we will not be able to distinguish between the growth of charters and the out-migration of the population. Unfortunately, we do not have address data on the charter students that would allow us to determine where these students actually live. We have no choice but to assume that the location of the school is where the students live. For example, if a charter school is located in the Castlemont area, we assume their students live in the Castlemont area. Given no address data, there is no other assumption we can make.

Table 10 shows Charter enrollments combined with District residents for the 2006-07 school year. Assuming the charter students live in the HSAA where they attend school, then Oakland Tech has the highest percentage of charter students, at 30 percent. Note that Oakland High has no charter schools located within its boundaries. Skyline HSAA also has a very low enrollment of charter students.

**Table 10**

<b>2006 District and Charter Enrollment by HSAA</b>					
	<b>District</b>	<b>Charter</b>	<b>Total</b>	<b>District %</b>	<b>Charter %</b>
Castlemont	11,457	2,574	14,031	82%	18%
Fremont	7,963	1,703	9,666	82%	18%
McClymonds	3,186	756	3,942	81%	19%
Oakland Tech	4,446	1,951	6,397	70%	30%
Oakland High	5,875	0	5,875	100%	0%
Skyline	5,837	244	6,081	96%	4%

Map 1



### ***Enrollment Declines by HSAA of Residence***

As we discussed above in the district-wide analysis, the enrollment decline of the past five years was a result of mainly two factors: the growth of charters and out-migration from the City. It appears that the different subareas of the District had different reasons for their decline. When we look at District-only students, the decline was fairly similar across all HSAs. However, some HSAs experienced declines due to charter growth, while others experienced decline due to out-migration. For example, the Fremont area, with the conversion of Cox and Hawthorne was most affected by charter growth. By contrast, Oakland High, with no charters located in the HSAA, was unaffected by charter growth. Table 11 shows enrollment change between 2001 and 2006 by school level for each HSAA.

### **Decline in District-Only Students: 2001-2006**

Between 2001 and 2006, the District lost 13,296 students. All HSAs experienced enrollment declines, but some more than others. On a percentage basis, all the HSAs declined between 20 and 30 percent, with Fremont declining the most at 29 percent, and Skyline the least at 21 percent. When viewing the numerical losses, Castlemont by far lost the largest number of students, at -3,912, followed by Fremont at -3,179. Due to its small population base, McClymonds had the lowest numeric decline at -1,265.

Much of the enrollment loss was concentrated at the elementary level. Castlemont and Fremont HSAs were most affected by the loss of elementary residents.

The number of high school residents remains stable when we include charter students. *Of the total number of District elementary and middle school residents that were lost during this time, one third became charter residents.*

The Fremont HSAA lost many District elementary students because of the conversion of Hawthorne and Cox to Education for Change charters. Of note, Oakland High HSAA contains no charters, yet their enrollment loss was substantial.

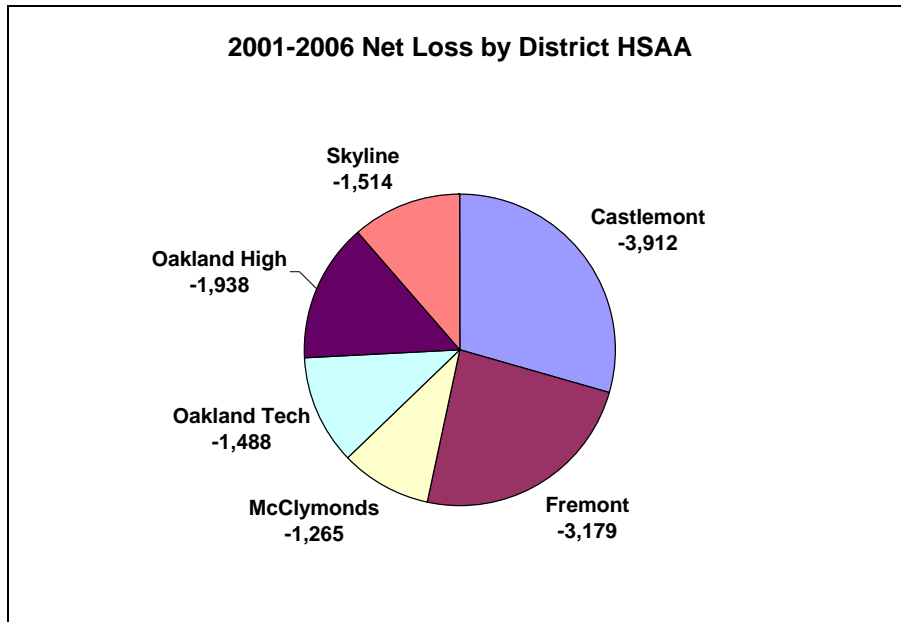
### **Decline in District and Charter Residents, Combined: 2001-2006**

When we combine District and charter students, the enrollment change indicates the primarily the net out-migration from each area. Between 2001 and 2006, District and charter residents declined in five of the six OUSD high school attendance areas. Oakland Tech was the only area with an increase in the number of residents over the last five years. All other attendance areas experienced migration out of their neighborhoods during this time. Oakland High, with no charter schools located in the HSAA, experienced the greatest percentage loss of students. Castlemont, Fremont, McClymonds and Skyline areas lost between 13 to 18 percent of their residents in the last five years. The enrollment loss was concentrated in the elementary grades. Of the 7,580-student loss, 5,318 occurred at the elementary level. By contrast, between 2001 and 2006, high school residents actually increased slightly, due to an increase of residents in the Castlemont, McClymonds and Oakland Tech areas.

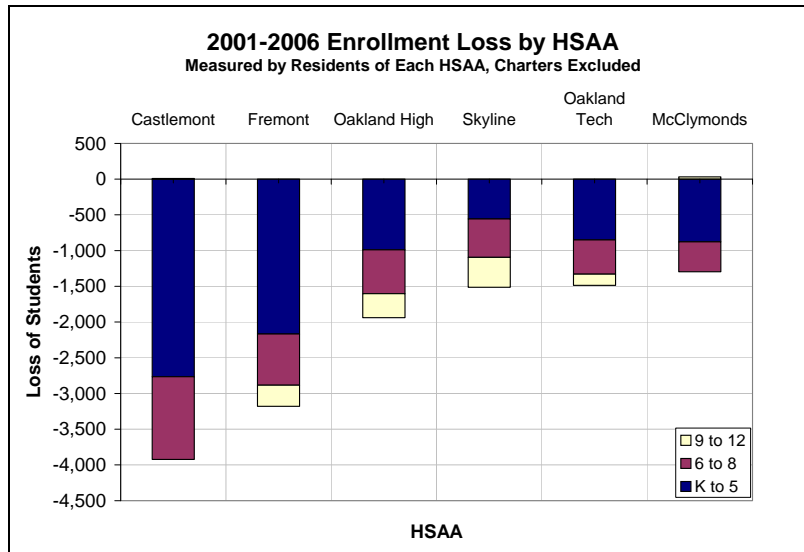
**Table 11**

<b>2001-2006 Enrollment Change</b>									
<b>District Only Enrollments</b>									
	<b>Numeric Change</b>				<b>Percentage Change</b>				
	K to 5	6 to 8	9 to 12	K to 12	K to 5	6 to 8	9 to 12	K to 12	
Castlemont	-2,766	-1,156	10	-3,912	-32%	-30%	0%	-25%	
Fremont	-2,166	-716	-297	-3,179	-35%	-29%	-12%	-29%	
McClymonds	-877	-418	30	-1,265	-36%	-37%	3%	-28%	
Oakland Tech	-849	-479	-160	-1,488	-26%	-36%	-12%	-25%	
Oakland High	-990	-613	-335	-1,938	-25%	-32%	-17%	-25%	
Skyline	-557	-538	-419	-1,514	-16%	-30%	-21%	-21%	
<b>Total</b>	<b>-8,205</b>	<b>-3,920</b>	<b>-1,171</b>	<b>-13,296</b>	<b>-29%</b>	<b>-31%</b>	<b>-10%</b>	<b>-26%</b>	
<b>Charter Enrollments</b>									
	<b>Numeric Change</b>				<b>Percentage Change</b>				
	K to 5	6 to 8	9 to 12	K to 12	K to 5	6 to 8	9 to 12	K to 12	
Castlemont	638	435	773	1,846					
Fremont	1284	8	43	1,335					
McClymonds	255	227	110	592					
Oakland Tech	700	618	487	1,805					
Oakland High	0	0	0	0					
Skyline	10	57	71	138					
<b>Total</b>	<b>2,887</b>	<b>1,345</b>	<b>1,484</b>	<b>5,716</b>					
<b>District and Charter Enrollments, Combined</b>									
	<b>Numeric Change</b>				<b>Percentage Change</b>				
	K to 5	6 to 8	9 to 12	K to 12	K to 5	6 to 8	9 to 12	K to 12	
Castlemont	-2,128	-721	783	-2,066	-24%	-18%	27%	-13%	
Fremont	-882	-708	-254	-1,844	-14%	-26%	-10%	-16%	
McClymonds	-622	-191	140	-673	-26%	-16%	15%	-15%	
Oakland Tech	-149	139	327	317	-4%	10%	25%	5%	
Oakland High	-990	-613	-335	-1,938	-25%	-32%	-17%	-25%	
Skyline	-547	-481	-348	-1,376	-15%	-26%	-18%	-18%	
<b>Total</b>	<b>-5,318</b>	<b>-2,575</b>	<b>313</b>	<b>-7,580</b>	<b>-19%</b>	<b>-20%</b>	<b>3%</b>	<b>-14%</b>	

**Chart 13**



**Chart 14**



### ***Births by HSAA***

Table 12 and Chart 15 show the number of births in the six HSAs from 1989 through 2005. During this 16-year period, Castlemont, Oakland High, and Skyline HSAs had very little decline, while substantial birth declines were experienced in Fremont, McClymonds, and Oakland Tech. Between 1989 and 2005, McClymonds experienced a 44 percent decline in births.

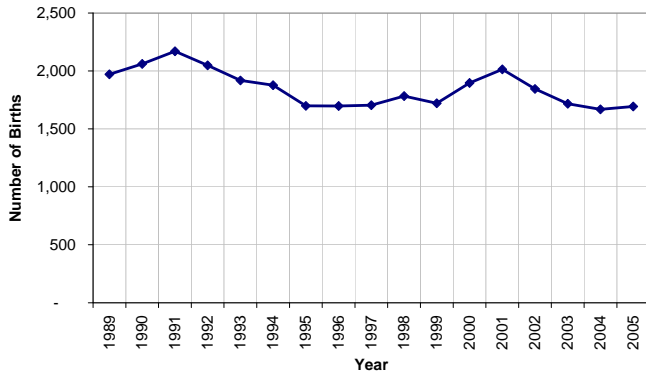
During the last five years, when Oakland experienced strong out-migration, Castlemont and Fremont HSAs experienced the strongest birth decline, followed by McClymonds and Skyline. Oakland Tech actually showed an increase in births, up just one percent during the five-year period.

**Table 12**  
**Number of Births in Each HSAA**

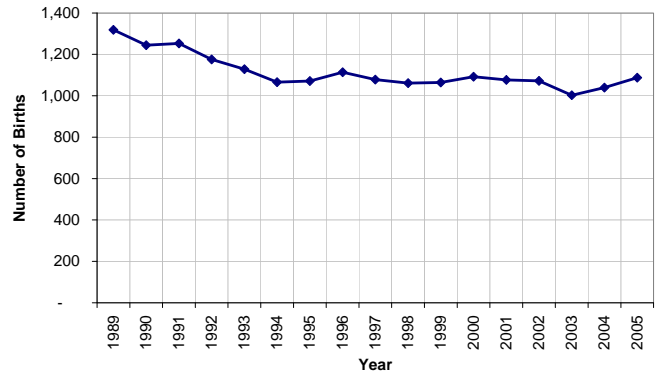
Year	Castlemont	Fremont	McClymonds	Oakland Tech	Oakland High	Skyline	Total
1989	1,970	1,484	750	1,318	1,268	955	7,746
1990	2,061	1,583	728	1,244	1,345	960	7,920
1991	2,170	1,588	651	1,252	1,311	913	7,886
1992	2,049	1,599	633	1,175	1,260	885	7,601
1993	1,918	1,489	621	1,128	1,182	776	7,114
1994	1,877	1,371	539	1,066	1,078	855	6,787
1995	1,698	1,330	516	1,071	987	735	6,338
1996	1,698	1,320	463	1,114	964	765	6,324
1997	1,704	1,320	452	1,078	1,042	735	6,332
1998	1,784	1,327	449	1,061	927	752	6,300
1999	1,720	1,279	441	1,064	953	753	6,211
2000	1,897	1,226	450	1,092	1,050	814	6,529
2001	2,013	1,177	461	1,077	939	809	6,476
2002	1,845	1,147	457	1,071	858	787	6,166
2003	1,716	1,081	435	1,003	923	832	5,991
2004	1,668	1,071	409	1,039	829	768	5,785
2005	1,693	986	418	1,088	892	737	5,814
% Change between 1989 and 2005	-14%	-34%	-44%	-18%	-30%	-23%	-25%
% Change between 2001 and 2005	-16%	-16%	-9%	1%	-5%	-9%	-10%

# Chart 15

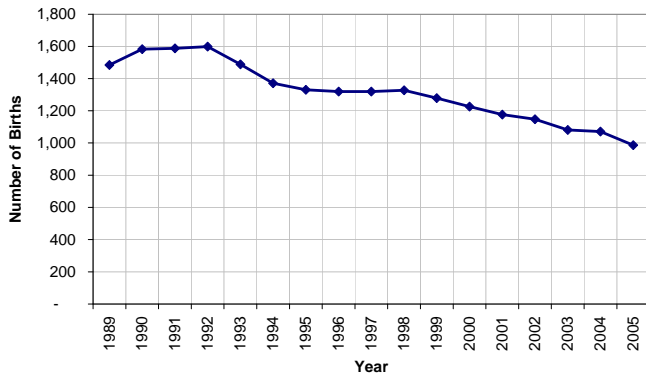
### Castlemont HSAA Births



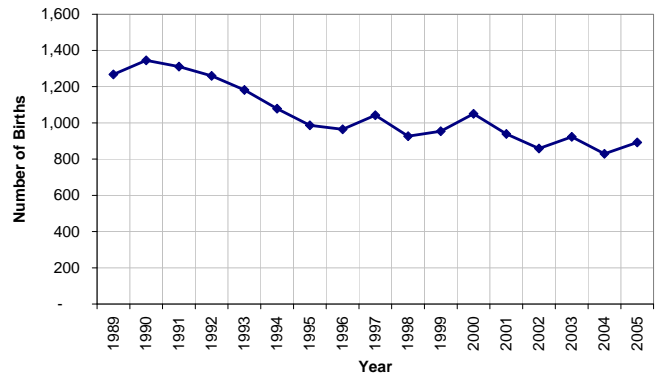
### Oakland High HSAA Births



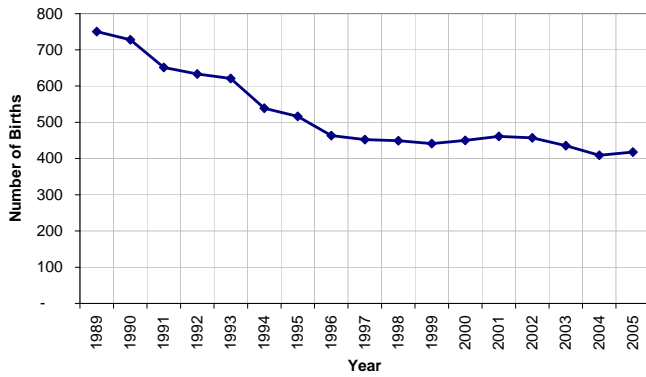
### Fremont HSAA Births



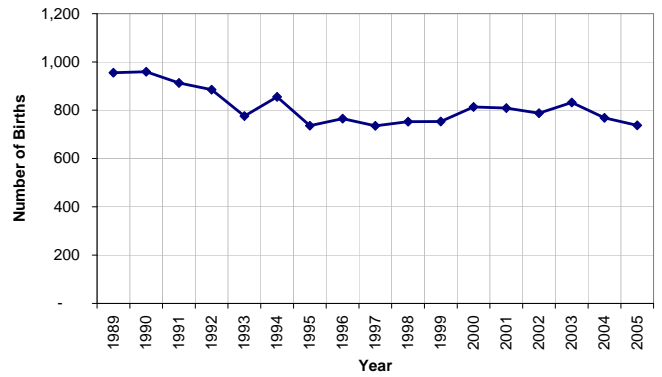
### Oakland Tech HSAA Births



### McClymonds HSAA Births



### Skyline HSAA Births



### **Forecasts by HSAA**

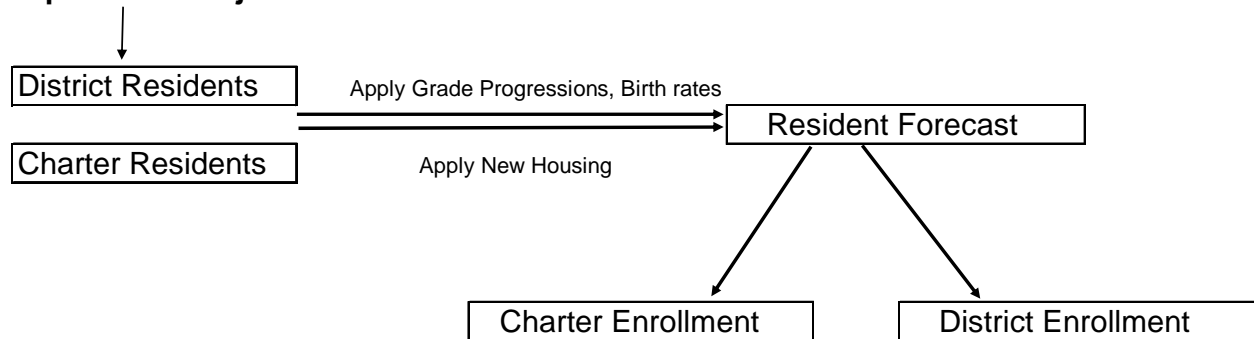
The flow chart below summarizes the model used to forecast the number of residents by HSAA. We begin with three inputs; District residents, charter enrollments and new housing developments. For purposes of this analysis, since we have no data on where charter students live, we assume that charter students reside in the same HSAA where they attend school.

We use the same methodology to forecast enrollments as we did in the district-wide forecast. The current student population by grade is aged each year, apply the historical three-year average grade progression, and adding kindergarten students based on the number of births in each area. To this forecast, we add students from new housing in each HSAA. Projections are made through the year 2011.

An independent forecast of charter students by HSAA is separately produced. We do this by taking into account the growth of the existing charters in the area as well and the growth of new charters. The growth of charter residents ranges between the Low and Medium scenario detailed in the District enrollment forecast.

Once we have the charter forecast, we subtract these students from the total resident forecast to obtain district-only enrollments.

#### **Inputs into Projections**



**Forecast Results**

Castlemont, McClymonds and Oakland High are projected to lose a similar percentage of District residents in the next five years as charters in the HSAA's continue to add new grades and low grade progressions. Oakland Tech and Fremont's District resident population is projected to stabilize due to lower charter growth in the HSAA's and new housing plans.

**Table 13**

<b>2006-2011 Projected Loss of District Students by HSAA</b>				
	2006	2011	Difference	Loss in HSAA
Castlemont	11,457	7,643	(3,814)	-33%
Fremont	7,963	7,257	(706)	-9%
McClymonds	3,186	2,406	(780)	-24%
Oakland Tech	4,446	4,450	4	0%
Oakland High	5,875	4,633	(1,242)	-21%
Skyline	5,837	4,846	(991)	-17%
<b>Total</b>	<b>40,770</b>	<b>33,246</b>	<b>(7,529)</b>	

The tables below show the projected District enrollment by elementary, middle and high students for the next five years, from 2006-2011. District enrollments are expected to decline more substantially at the high school level in the next five years, due to charters adding high school grades, lower cohort sizes in elementary and middle school and low grade progressions. About one third of the loss of students can be attributed to students transferring to charter schools.

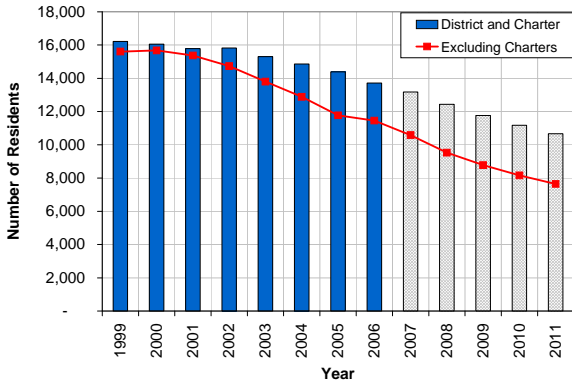
**Table 14**

<b>2006-2011 Projected Loss of District Students by HSAA</b>					<b>2006-2011 Projected Charter Students by HSAA</b>				
	K to 5	6 to 8	9 to 12	Total		K to 5	6 to 8	9 to 12	Total
Castlemont	(1,457)	(791)	(1,567)	(3,814)	Castlemont	(9)	(70)	841	762
Fremont	(354)	79	(431)	(706)	Fremont	49	(2)	42	89
McClymonds	(543)	(333)	96	(780)	McClymonds	143	295	69	507
Oakland Tech	271	124	(391)	4	Oakland Tech	145	13	642	799
Oakland High	(422)	(318)	(502)	(1,242)	Oakland High	-	-	-	-
Skyline	(324)	(201)	(466)	(991)	Skyline	33	(34)	101	100
<b>Total</b>	<b>(2,829)</b>	<b>(1,439)</b>	<b>(3,261)</b>	<b>(7,529)</b>	<b>Total</b>	<b>361</b>	<b>202</b>	<b>1,694</b>	<b>2,257</b>

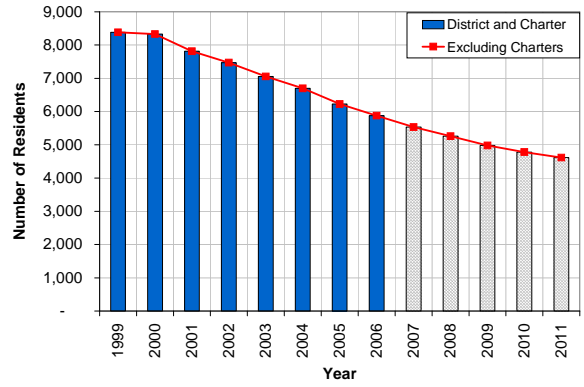
The following charts show the projected number of residents, charter and District for all six HSAA's.

# Chart 16

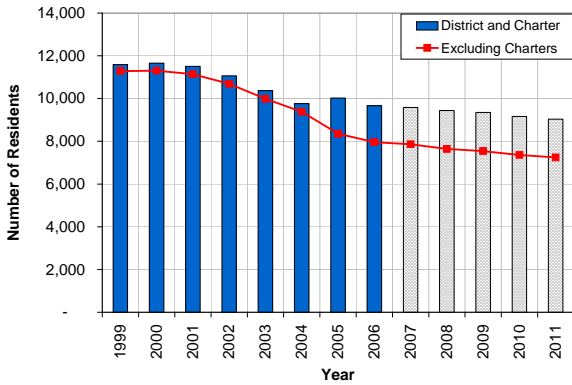
**Castlemont K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



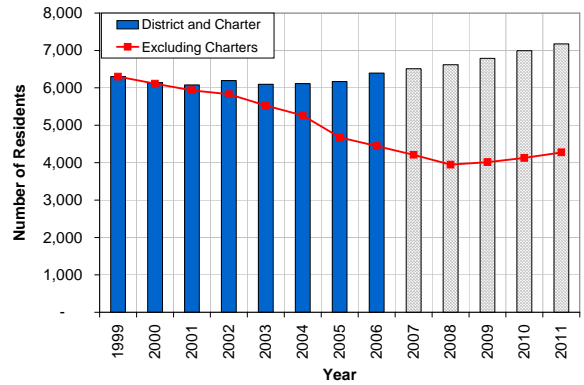
**Oakland High K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



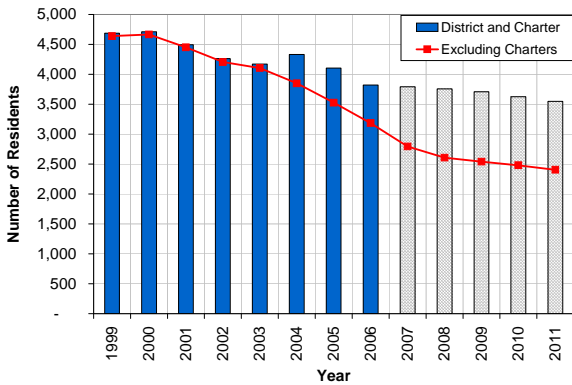
**Fremont K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



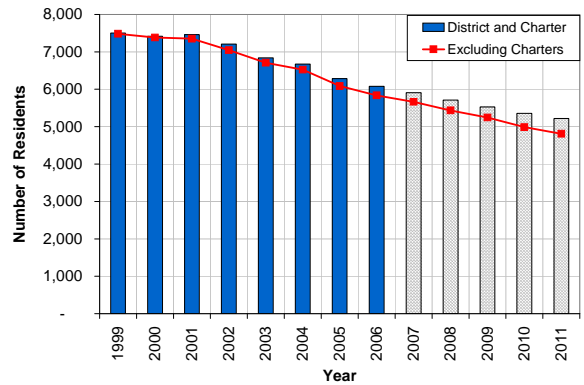
**Oakland Tech K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



**McClymonds K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



**Skyline K-12 Forecast: 2007-2011**  
Residents and Charters Located in HSAA



## **Appendix A: Student Yields**

Student yields vary by the characteristics of the housing unit – its type, size, price, location, yard space, and so on. Student yields also vary by school district and vary over time. As stated above, we have found very low student yields in high-rise condominiums, lofts, and apartments, but high student yields in subsidized housing.

Table A-1 shows the student yields in the 2005-06 school year in recently constructed housing. Most of these housing developments were condominiums or high-rise apartment buildings. The one exception is Northgate Apartments, with a yield of .38, or 38 students per 100 housing units, which is designated for lower-income households.

**Table A-1**

<b>Student Yields in Recently Constructed Developments</b>				
<b>Development Name</b>	<b>Address</b>	<b># of Units</b>	<b>2005 OUSD</b>	
			<b>Students</b>	<b>K-12 Yield</b>
Swans Market	1625 Clay St	42	0	0.00
Phoenix Lofts	737 2nd St	21	0	0.00
YWCA	1515 Webster St	50	0	0.00
Gem Building Condos	485 8th St	16	1	0.06
The Landing @ JLS	99 Embarcadero	282	0	0.00
Allegro Lofts	240 3rd St	310	1	0.00
New Market Lofts	201 4th St	46	0	0.00
The Essex	108 17th St	270	0	0.00
8th and Castro Lofts	Gerry Adams Way	18	0	0.00
Telegraph Lofts	2633 Telegraph	53	1	0.02
The Sierra @JLS	311 Oak St	229	0	0.00
Landmark Place	1101-20 MLK Jr. Way	92	0	0.00
Midtown	426 27th St/425 28th St	20	0	0.00
The Telegraph	2401 Telegraph Ave	45	0	0.00
Franklin 88	933 Franklin	88	0	0.00
Market Square Ph 1	801-27 Clay St	116	0	0.00
<b>Total Market Rate Units</b>		<b>1698</b>	<b>3</b>	<b>0.002</b>
<b>Affordable Development</b>				
Northgate Apts	2301 Northgate	42	16	0.38
<b>Affordable Senior Housing</b>				
Oak St Terrace (seniors)	109 Oak St	39	0	0.00

Table A-2 shows student yields in older high-rise apartments and condominiums in 2000-01, 2001-02, and 2005-06. Yields are a bit higher in these older units. In particular, Regency Towers had a high yield (for an apartment building) in the early 2000s. By 2005, the yield was down to .13. The Pacific Renaissance building at 988 Franklin Street had the highest yield for condominiums at .06 students per unit (or six students per 100 units).

**Table A-2**

OUSD Student Yields in Older High Rises										
Name	Type	Yr Built (approx)	# Stories	# of Units	K to 12 Students			K-12 Student Yields		
					2000-01	2001-02	2005-06	2000-01	2001-02	2005-06
1200 Lakeshore	Apt	1964	25	172	4	3	1	0.02	0.02	0.01
244 Lakeside Dr	Apt	1929	12	58	0	0	0	0.00	0.00	0.00
266 Lenox	Apt	n/a	7	36	0	0	0	0.00	0.00	0.00
286 Graystone	Apt	n/a	7	36	0	0	0	0.00	0.00	0.00
1555 Lakeside Dr	Apt	1966	13	81	2	1	0	0.02	0.01	0.00
Regency Towers; 1130 3rd Ave	Apt	1976	18	178	45	47	23	0.25	0.26	0.13
Subtotal (apts)				561	51	51	24	0.09	0.09	0.04
200 Lakeside Dr	Condo	1881	8	39	0	0	0	0.00	0.00	0.00
Van Buren Tower; 320 Lee St	Condo	1962	12	68	0	0	0	0.00	0.00	0.00
Bellevue-Staten; 492 Staten Ave	Condo	1929	15	36	1	0	0	0.03	0.00	0.00
412 8th St	Condo	1971	13	328	0	0	0	0.00	0.00	0.00
177 19th St	Condo	1959	12	55	0	0	0	0.00	0.00	0.00
565 Bellevue	Condo	1969	25	152	0	0	1	0.00	0.00	0.01
Mayfair Apts; 400 Perkins St	Condo	1929	6	60	2	2	0	0.03	0.03	0.00
Pacific Renaissance; 988 Franklin St	Condo	1994	16	200	11	11	12	0.06	0.06	0.06
Subtotal (condos)				938	14	13	13	0.015	0.014	0.014

In prior years we focused on measuring student yields in apartments, both subsidized and non-subsidized housing. Subsidized apartments had much higher yields. As Table A-3 shows, public housing averaged 1.13 students per unit; subsidized private apartments averaged .25 students per unit; while non-subsidized apartments averaged only .10 students per unit.

**Table A-3**  
**Student Yields by Type of Apartment**

COMPLEX	# Units	K to 12 Enrollments							Student Yields						
		1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
<b>Private, Non-subsidized Apartments</b>															
Sequoia Apartments	20	2	1	5	4	4	2	2	0.10	0.05	0.25	0.20	0.20	0.10	0.10
Bellvue Apartments	26	2	3	6	4	1	1	1	0.08	0.12	0.23	0.15	0.04	0.04	0.04
Capri Apartments	26	0	0	1	1	0	0	0	0.00	0.00	0.04	0.04	0.00	0.00	0.00
Beacon Hill Apartments	27	3	2	2	4	3	4	5	0.11	0.07	0.07	0.15	0.11	0.15	0.19
Park Terrace Apartments	30	0	0	1	0	0	0	0	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Kerwood Apartments	32	4	3	5	5	4	6	3	0.13	0.09	0.16	0.16	0.13	0.19	0.09
Alison Apartments	33	1	1	1	0	0	0	0	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Euclid Court Apts.	33	4	7	6	5	3	6	8	0.12	0.21	0.18	0.15	0.09	0.18	0.24
Regillus	36	1	0	0	0	0	0	0	0.03	0.00	0.00	0.00	0.00	0.00	0.00
One Excelsior Court Apts.	38	5	7	5	6	4	4	3	0.13	0.18	0.13	0.16	0.11	0.11	0.08
Lake Park Terrace Apts.	40	1	1	2	2	2	4	3	0.03	0.03	0.05	0.05	0.05	0.10	0.08
Vermont Apartments	44	3	2	2	1	1	1	1	0.07	0.05	0.05	0.02	0.02	0.02	0.02
Casa Loma Apartments	45	13	13	16	14	15	8	5	0.29	0.29	0.36	0.31	0.33	0.18	0.11
Theatre Apartments	45	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cambridge Terrace Apts.	48	12	3	3	4	11	9	7	0.25	0.06	0.06	0.08	0.23	0.19	0.15
Park Plaza Apartments	48	8	5	1	9	9	18	20	0.17	0.10	0.02	0.19	0.19	0.38	0.42
Moss Terrace Apartments	50	0	0	1	0	0	2	0	0.00	0.00	0.02	0.00	0.00	0.04	0.00
Alpine Apartments	52	19	16	18	16	23	26	29	0.37	0.31	0.35	0.31	0.44	0.50	0.56
Lake Royal Apartments	55	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Regents and Darien Apts.	58	0	0	3	5	5	10	11	0.00	0.00	0.05	0.09	0.09	0.17	0.19
Madison House Apartments	69	15	15	11	13	10	9	10	0.22	0.22	0.16	0.19	0.14	0.13	0.14
Raymond Apartments	69	1	1	1	3	2	0	0	0.01	0.01	0.01	0.04	0.03	0.00	0.00
Fairmount Towers	71	4	5	8	5	4	5	6	0.06	0.07	0.11	0.07	0.06	0.07	0.08
Vue du Lac	75	1	0	1	0	2	3	3	0.01	0.00	0.01	0.00	0.03	0.04	0.04
Lakeside Regency Plaza	81	1	0	0	0	0	2	2	0.01	0.00	0.00	0.00	0.00	0.02	0.02
Crescent Court Manor	84	10	9	8	7	8	9	8	0.12	0.11	0.10	0.08	0.10	0.11	0.10
Arthur Apartments	85	13	17	10	17	40	45	48	0.15	0.20	0.12	0.20	0.47	0.53	0.56
Summit Crest Apartments	98	5	2	5	8	5	4	6	0.05	0.02	0.05	0.08	0.05	0.04	0.06
Lakehurst Hall	121	1	0	0	0	0	0	0	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Oakbrook Manor	144	59	55	50	48	47	45	46	0.41	0.38	0.35	0.33	0.33	0.31	0.32
Park Bellevue Tower	152	0	1	0	1	1	1	0	0.00	0.01	0.00	0.01	0.01	0.01	0.00
Hill Castle Apartments	160	11	7	6	4	6	3	3	0.07	0.04	0.04	0.03	0.04	0.02	0.02
Twelve Hundred Lakeshore Apts.	172	4	4	5	10	6	3	2	0.02	0.02	0.03	0.06	0.03	0.02	0.01
Fairmount Heights	177	11	1	4	4	6	4	4	0.06	0.01	0.02	0.02	0.03	0.02	0.02
Regency Tower Apts.	179	51	46	51	39	31	46	45	0.28	0.26	0.28	0.22	0.17	0.26	0.25
Jackson Lake	190	6	10	5	8	4	6	5	0.03	0.05	0.03	0.04	0.02	0.03	0.03
Ridge Hotel	190	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Piedmont Apartments	250	27	25	14	23	15	27	28	0.11	0.10	0.06	0.09	0.06	0.11	0.11
<b>TOTAL</b>	<b>3153</b>	<b>298</b>	<b>262</b>	<b>257</b>	<b>270</b>	<b>272</b>	<b>313</b>	<b>314</b>	<b>0.09</b>	<b>0.08</b>	<b>0.08</b>	<b>0.09</b>	<b>0.09</b>	<b>0.10</b>	<b>0.10</b>

**Table A-3, continued**

	# Units	K to 12 Enrollments							Student Yields						
		1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
<b>Private, Subsidized Apartments</b>															
James Lee Court	26	12	19	23	19	24	34	30	0.46	0.73	0.88	0.73	0.92	1.31	1.15
Howie Harp Plaza	20	0	0	0	8	15	18	19	0.00	0.00	0.00	0.40	0.75	0.90	0.95
Frank G. Mar	119	75	78	85	87	85	92	89	0.63	0.66	0.71	0.73	0.71	0.77	0.75
San Antonio Terrace (OCHM)	23	20	17	13	17	19	16	17	0.87	0.74	0.57	0.74	0.83	0.70	0.74
Hismen Hin-Nu Terrace	92	0	0	19	32	45	46	65	0.00	0.00	0.21	0.35	0.49	0.50	0.71
Eldridge Gonaway Commons (OCHM)	40	19	18	19	20	19	21	22	0.48	0.45	0.48	0.50	0.48	0.53	0.55
Santana Apartments	30	10	11	10	16	15	14	16	0.33	0.37	0.33	0.53	0.50	0.47	0.53
Apollo Housing	231	64	75	73	79	77	109	115	0.28	0.32	0.32	0.34	0.33	0.47	0.50
Drasmin Manor (OCHM)	26	0	8	7	8	8	11	11	0.00	0.31	0.27	0.31	0.31	0.42	0.42
Kenneth Henry Court (OCHM)	51	11	13	13	14	16	20	20	0.22	0.25	0.25	0.27	0.31	0.39	0.39
Slim Jenkins Court	32	3	5	8	9	5	13	12	0.09	0.16	0.25	0.28	0.16	0.41	0.38
Nueva Vista (OCHM)	30	17	16	17	9	6	8	10	0.57	0.53	0.57	0.30	0.20	0.27	0.33
Foothill Plaza	54	22	17	19	14	17	12	14	0.41	0.31	0.35	0.26	0.31	0.22	0.26
Lottie Johnson Apartments	27	4	5	7	10	9	7	7	0.15	0.19	0.26	0.37	0.33	0.26	0.26
Oak Center I	78	10	18	14	13	14	20	19	0.13	0.23	0.18	0.17	0.18	0.26	0.24
Oak Village	117	28	25	27	25	23	26	23	0.24	0.21	0.23	0.21	0.20	0.22	0.20
Keller Plaza	200	33	32	29	19	24	32	37	0.17	0.16	0.15	0.10	0.12	0.16	0.19
Garden Manor Square	287	37	34	25	30	28	32	27	0.13	0.12	0.09	0.10	0.10	0.11	0.09
Madison Park	98	2	1	1	2	2	11	7	0.02	0.01	0.01	0.02	0.02	0.11	0.07
Hugh Taylor House	43	0	0	0	0	0	2	2	0.00	0.00	0.00	0.00	0.00	0.05	0.05
C.L.Dellums Apartments	72	0	0	0	0	1	0	3	0.00	0.00	0.00	0.00	0.01	0.00	0.04
Oaks Hotel (OCHM)	84	2	0	1	2	2	4	3	0.02	0.00	0.01	0.02	0.02	0.05	0.04
Madrone Hotel	32	0	0	1	0	1	1	1	0.00	0.00	0.03	0.00	0.03	0.03	0.03
California Hotel (OCHM)	149	4	3	4	2	2	2	1	0.03	0.02	0.03	0.01	0.01	0.01	0.01
Bayside Apartments	32	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hamilton Hotel	92	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marin Way Court (OCHM)	20	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Old Oakland Hotel	37	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Pablo Hotel	144	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
United Together Manor	18	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>2304</b>	<b>373</b>	<b>395</b>	<b>415</b>	<b>435</b>	<b>457</b>	<b>551</b>	<b>570</b>	<b>0.16</b>	<b>0.17</b>	<b>0.18</b>	<b>0.19</b>	<b>0.20</b>	<b>0.24</b>	<b>0.25</b>

	# Units	K to 12 Enrollments							Student Yields						
		1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
<b>Public Housing</b>															
1621 HARRISON ST	101	0	2	2	3	2	0	0	<b>0.00</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>	<b>0.00</b>	<b>0.00</b>
Chestnut Court	77	108	111	103	91	100	115	120	<b>1.40</b>	<b>1.44</b>	<b>1.34</b>	<b>1.18</b>	<b>1.30</b>	<b>1.49</b>	<b>1.56</b>
Coliseum Gardens	176	255	268	254	267	263	269	267	<b>1.45</b>	<b>1.52</b>	<b>1.44</b>	<b>1.52</b>	<b>1.49</b>	<b>1.53</b>	<b>1.52</b>
Lockwood Gardens	365	242	245	252	196	180	199	212	<b>0.66</b>	<b>0.67</b>	<b>0.69</b>	<b>0.54</b>	<b>0.49</b>	<b>0.55</b>	<b>0.58</b>
Misc Small Units	2128	2296	2281	2353	2245	2240	2244	2609	<b>1.08</b>	<b>1.07</b>	<b>1.11</b>	<b>1.05</b>	<b>1.05</b>	<b>1.05</b>	<b>1.23</b>
<b>Total</b>	<b>2847</b>	<b>2901</b>	<b>2907</b>	<b>2964</b>	<b>2802</b>	<b>2785</b>	<b>2827</b>	<b>3208</b>	<b>1.02</b>	<b>1.02</b>	<b>1.04</b>	<b>0.98</b>	<b>0.98</b>	<b>0.99</b>	<b>1.13</b>

## Appendix B: 2007 Charter Enrollments by Attendance Area

The following table shows 2006 charter school enrollments by HSAA.

Name of Charter	Grades	2006 Enrollment	Attendance Area	
Millsmont Academy	K to 8th	271	Castlemont	→ Oakland High 0
Reems (Ernestine) Academy	K to 8th	348	Castlemont	
Monarch Academy	K to 5th	352	Castlemont	→ Castlemont 2,473
Wilson (Lionel) Prep Academy	6th to 12th	468	Castlemont	
Oakland Aviation High	9th	57	Castlemont	
LPS -College Park	9th to 10th	193	Castlemont	
Oakland Unity HS	9th to 12th	198	Castlemont	
University Preparatory	9th to 12th	586	Castlemont	→ Oakland Tech 2,052
Berkeley Maynard Academy	K to 5th	352	Oakland Tech	
East Bay Cons. Corp - Elementa	K to 5th	187	Oakland Tech	
North Oakland Community CS	K to 5th	103	Oakland Tech	
East Oakland Leadership Acad.	K to 5th	101	Oakland Tech	
Lighthouse Comm Charter	K to 4th, 6th to 8th	360	Oakland Tech	
Bay Area Technology	6th to 8th	205	Oakland Tech	
CA College Preparatory Academ	6th to 8th	140	Oakland Tech	
Oakland School for the Arts	6th to 12th	353	Oakland Tech	
Oasis High School	9th to 12th	150	Oakland Tech	
Lighthouse Com. High School	9th to 10th	101	Oakland Tech	→ Fremont 1,703
Dolores Huerta Learning	K to 8th	206	Fremont	
Education for Change at Cox Ele	K to 5th	610	Fremont	
East Oakland Community Ch Sc	K to 3rd	474	Fremont	
Upper Elementary Ed for Chang	4th to 5th	225	Fremont	
Oakland Charter Academy	6th to 8th	145	Fremont	→ McClymonds 756
Youth Employment Partnership	9th to 12th	43	Fremont	
Junior Space Exploration	6th	33	McClymonds	
Oakland Military Institute	6th to 12th	559	McClymonds	
Space Exploration Academy	9th	14	McClymonds	→ Skyline 244
East Bay Cons. Corp - High	9th to 12th	150	McClymonds	
American Indian Public Ch Schl	5th to 8th	173	Skyline	
American Indian Public HS	9th to 10th	71	Skyline	
<b>Total</b>		<b>7,228</b>		

## ***Appendix C: Charter Enrollments, Historical and Projected***

The following table shows charter school enrollments by grade, and the HSAA in which the charter is located. Enrollment projections were made for each of these schools. In addition to these future students, the forecasts assume new charters will be established.

## Historical & Projected Charter Enrollment 1999-2011

HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American Indian Public Charter School														
Skyline	K													
Skyline	1													
Skyline	2													
Skyline	3													
Skyline	4													
Skyline	5								10	10	20	30	36	43
Skyline	6	12	11	28	27	56	59	55	63	10	20	30	36	43
Skyline	7	0	13	28	31	29	59	55	55	63	20	30	36	43
Skyline	8	4	10	50	28	26	32	55	45	55	63	30	36	43
Skyline	9				76	21		31						
Skyline	10													
Skyline	11	2												
Skyline	12													
Ungraded														
Skyline	Total	18	34	106	162	132	150	196	173	138	123	120	144	173
American Indian Public HS														
Skyline	K													
Skyline	1													
Skyline	2													
Skyline	3													
Skyline	4													
Skyline	5													
Skyline	6													
Skyline	7													
Skyline	8													
Skyline	9								51	51	52	55	57	60
Skyline	10								20	51	52	55	57	60
Skyline	11										51	54	56	59
Skyline	12												54	56
Ungraded														
Skyline	Total	0	0	0	0	0	0	0	71	102	155	163	224	236
Bay Area Technology														
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6						78	65	49	49	50	51	52	53
Tech	7							81	87	49	50	51	52	53
Tech	8								69	87	50	51	52	53
Tech	9									69	89	51	52	53
Tech	10										70	91	52	53
Tech	11											72	91	52
Tech	12												73	91
Ungraded														
Tech	Total	0	0	0	0	0	78	146	205	254	309	366	424	408
Berkley Maynard														
Tech	K						46	60		60	61	61	61	61
Tech	1							35	60	60	61	61	61	61
Tech	2							36	60	60	61	61	61	61
Tech	3							31	60	60	61	61	61	61
Tech	4							30	57	60	61	61	61	61
Tech	5						24	55		57	61	61	61	61
Tech	6													
Tech	7													
Tech	8													
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Ungraded														
Tech	Total	0	0	0	0	0	0	202	352	357	364	364	364	364

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	Lighthouse Community High School													
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6													
Tech	7													
Tech	8													
Tech	9							51	50	50	50	51	52	53
Tech	10								51	50	50	51	52	53
Tech	11									50	50	51	52	53
Tech	12										50	51	52	53
Ungraded														
Tech	Total	0	0	0	0	0	0	51	101	150	200	204	208	212
	CA College Preparatory Academy													
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6							53	54	50	51	52	53	54
Tech	7							29	54	54	51	52	53	54
Tech	8								32	54	55	52	53	54
Tech	9									32	55	56	53	54
Tech	10										33	56	57	54
Tech	11											33	56	57
Tech	12												34	57
Ungraded														
Tech	Total	0	0	0	0	0	0	82	140	190	245	302	360	385
	EBCC Elementary													
Tech	K			36	28	18	34	37	40	40	41	42	42	43
Tech	1			21	30	26	19	35	39	40	41	42	42	43
Tech	2			23	19	30	30	26	36	39	41	42	42	43
Tech	3			12	20	20	30	24	23	36	40	42	42	43
Tech	4			19	19	23	22	32	21	23	37	41	42	43
Tech	5				20	20	25	22	28	21	23	37	41	43
Tech	6					23								
Tech	7													
Tech	8													
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Ungraded														
Tech	Total	0	0	111	136	160	160	176	187	199	222	244	254	260
	North Oakland Community CS													
Tech	K		11	15	11	10	9	21	20	20	20	20	20	20
Tech	1		6	12	12	10	11	20	18	20	20	20	20	20
Tech	2			8	13	10	10	23	19	20	20	20	20	20
Tech	3				9	11	10	16	21	20	20	20	20	20
Tech	4					8	15	10	13	25	20	20	20	20
Tech	5						10	14	12	25	25	20	20	20
Tech	6													
Tech	7													
Tech	8													
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Ungraded														
Tech	Total	0	17	35	45	49	65	104	103	130	125	120	120	120

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Tech	Lighthouse Community Charter													
Tech	K				35	40	40	40	40	40	40	40	40	40
Tech	1					40	40	40	40	40	40	40	40	40
Tech	2						40	40	40	40	40	40	40	40
Tech	3							40	40	40	40	40	40	40
Tech	4								44	40	40	40	40	40
Tech	5									40	40	40	40	40
Tech	6				48	52	52	49	52	50	40	40	40	40
Tech	7					52	52	52	52	52	50	40	40	40
Tech	8						52	53	52	52	52	50	40	40
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Tech	Ungraded													
Tech	Total	0	0	0	83	184	276	314	360	394	382	370	360	360
Tech	Oakland School for the Arts													
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6							55	25	25	29	33	38	44
Tech	7							36	49	25	28	32	36	42
Tech	8							24	43	49	28	30	35	40
Tech	9				102	93	113	88	58	43	54	30	33	38
Tech	10					83	92	99	62	58	47	59	33	37
Tech	11						67	58	62	62	64	52	65	37
Tech	12							61	54	62	68	70	57	72
Tech	Ungraded													
Tech	Total	0	0	0	102	176	272	421	353	324	317	307	298	309
Tech	Oasis High School													
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6													
Tech	7													
Tech	8													
Tech	9								43	43	43	43	43	43
Tech	10								34	43	43	43	43	43
Tech	11								37	34	43	43	43	43
Tech	12								36	37	34	43	43	43
Tech	ngraded						89	109						
Tech	Total	0	0	0	0	0	89	109	150	157	163	172	172	172
Tech	AIPCS II													
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6									20	20	20	20	20
Tech	7									20	20	20	20	20
Tech	8									20	20	20	20	20
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Tech	Ungraded													
Tech	Total	0	0	0	0	0	0	0	0	60	60	60	60	60

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
OC-HS														
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6													
Tech	7													
Tech	8													
Tech	9									85	85	85	85	85
Tech	10													
Tech	11													
Tech	12													
Tech	ngraded													
Tech	Total	0	0	0	0	0	0	0	0	85	85	85	85	85
Meroe Charter														
Tech	K													
Tech	1													
Tech	2													
Tech	3													
Tech	4													
Tech	5													
Tech	6		5											
Tech	7		5											
Tech	8		2											
Tech	9													
Tech	10													
Tech	11													
Tech	12													
Tech	Ungraded													
Tech	Total	0	12	0	0	0	0	0	0	0	0	0	0	0
Oakland Military Institute														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3								83	83	83	83	83	83
McClymonds	4								94	83	85	85	85	85
McClymonds	5								78	94	85	86	86	86
McClymonds	6						77	89	95	78	96	86	88	88
McClymonds	7						77	86	83	95	80	98	88	90
McClymonds	8						95	79	60	83	97	81	100	90
McClymonds	9						87	81	66	60	85	99	83	102
McClymonds	10						84	71						
McClymonds	11							74						
McClymonds	12													
McClymonds	ngraded													
McClymonds	Total	0	0	0	0	0	420	480	559	576	609	618	613	624
KIPP Bridge														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3													
McClymonds	4													
McClymonds	5									70	70	70	70	70
McClymonds	6									67	74	74	74	74
McClymonds	7									50	70	77	77	77
McClymonds	8									38	53	74	81	81
McClymonds	9													
McClymonds	10													
McClymonds	11													
McClymonds	12													
McClymonds	ngraded													
McClymonds	Total	0	0	0	0	0	0	0	0	225	266	295	302	302

Historical & Projected Charter Enrollment 1999-2011														
HSA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Junior Space														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3													
McClymonds	4													
McClymonds	5													
McClymonds	6								33					
McClymonds	7													
McClymonds	8													
McClymonds	9													
McClymonds	10													
McClymonds	11													
McClymonds	12													
McClymonds	ngraded													
McClymonds	Total	0	0	0	0	0	0	0	33	0	0	0	0	0
Space Exploration														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3													
McClymonds	4													
McClymonds	5													
McClymonds	6													
McClymonds	7													
McClymonds	8													
McClymonds	9								14					
McClymonds	10													
McClymonds	11													
McClymonds	12													
McClymonds	ngraded													
McClymonds	Total	0	0	0	0	0	0	0	14	0	0	0	0	0
West Oakland Community Charter														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3													
McClymonds	4													
McClymonds	5													
McClymonds	6	50			47			36						
McClymonds	7		45			39								
McClymonds	8			44			35							
McClymonds	9													
McClymonds	10													
McClymonds	11													
McClymonds	12													
McClymonds	ngraded													
McClymonds	Total	50	45	44	47	39	35	36	0	0	0	0	0	0
EBCC High School														
McClymonds	K													
McClymonds	1													
McClymonds	2													
McClymonds	3													
McClymonds	4													
McClymonds	5													
McClymonds	6													
McClymonds	7													
McClymonds	8													
McClymonds	9				6									
McClymonds	10				4									
McClymonds	11													
McClymonds	12					27	28	62	30	62	63	65	66	67
McClymonds	ngraded	129	135						120	81	83	84	86	88
McClymonds	Total	129	135	0	10	27	28	62	150	143	146	149	152	155

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Millsmont Academy														
Castlemont	K							31	29	30	31	31	31	31
Castlemont	1							30	30	29	30	30	30	30
Castlemont	2							29	30	30	31	31	31	31
Castlemont	3							31	29	30	31	31	31	31
Castlemont	4							31	31	29	30	30	30	30
Castlemont	5							28	30	31	32	32	32	32
Castlemont	6							33	31	30	31	31	31	31
Castlemont	7							28	30	31	32	32	32	32
Castlemont	8							30	31	30	31	31	31	31
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total	0	0	0	0	0	0	271	271	270	275	281	281	281
East Oakland Leadership Academy														
Castlemont	K									20	20	21	21	22
Castlemont	1									20	20	21	21	22
Castlemont	2									20	20	21	21	22
Castlemont	3													
Castlemont	4													
Castlemont	5								20	20	20	20	20	20
Castlemont	6					59	29	30	27	20	20	20	20	20
Castlemont	7						37	30	27	27	20	21	21	21
Castlemont	8						2	30	27	27	28	21	21	21
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total	0	0	0	0	59	68	90	101	154	150	144	146	147
Monarch Academy														
Castlemont	K	49	51	60	60	89	60	60	60	60	60	60	60	60
Castlemont	1	48	49	60	60	90	60	60	60	60	60	60	60	60
Castlemont	2	49	51	60	60	90	60	60	60	60	60	60	60	60
Castlemont	3	48	49	60	60	90	60	60	60	60	60	60	60	60
Castlemont	4	43	44	52	58	90	56	56	60	60	60	60	60	60
Castlemont	5	44	53	52	54	84	57	56	56	60	60	60	60	60
Castlemont	6	28	43			26								
Castlemont	7	27	28			23								
Castlemont	8	28	28			11								
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total	0	364	396	344	352	593	353	352	356	360	360	360	360
Reems (Ernestine Academy)														
Castlemont	K	40	2	2	32	40	30	38	39	40	41	42	42	42
Castlemont	1	40	2	2	37	40	40	37	40	39	41	42	42	42
Castlemont	2	39	2	2	31	31	36	35	30	40	40	42	42	42
Castlemont	3	40	2	2	35	31	30	37	34	30	41	41	42	42
Castlemont	4	42	1	2	39	36	38	39	36	34	31	42	41	41
Castlemont	5	40	2	2	40	38	42	40	37	36	35	31	42	42
Castlemont	6	28	2	2	43	44	50	47	49	37	37	35	32	32
Castlemont	7		1	2	43	41	40	49	46	49	38	37	36	36
Castlemont	8			1	36	46	43	49	37	46	49	38	37	37
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded			1										
Castlemont	Total	269	14	18	336	347	349	371	348	351	351	349	359	359

Historical & Projected Charter Enrollment 1999-2011														
HSA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Castlemont	University Preparatory													
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3													
Castlemont	4													
Castlemont	5													
Castlemont	6													
Castlemont	7													
Castlemont	8													
Castlemont	9				71	72	105	115	51	51	52	53	54	55
Castlemont	10				25	45	67	134	82	51	52	53	54	55
Castlemont	11					24	26	125	90	82	52	53	54	55
Castlemont	12						13	215	48	90	84	53	54	55
Castlemont	ngraded				29	129	328		315	315	321	328	334	341
Castlemont	Total	0	0	0	125	270	539	589	586	589	561	540	551	562
Castlemont	Oakland Unity HS													
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3													
Castlemont	4													
Castlemont	5													
Castlemont	6													
Castlemont	7													
Castlemont	8													
Castlemont	9					50	91	51	46	46	47	48	48	48
Castlemont	10					53	48	83	49	46	47	48	48	48
Castlemont	11						49	41	74	49	50	51	51	51
Castlemont	12							35	29	74	75	77	77	77
Castlemont	ngraded													
Castlemont	Total	0	0	0	0	103	188	210	198	215	219	224	224	224
Castlemont	Lionel Wilson Prep Academy													
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3								60	60	60			
Castlemont	4								60	60	60			
Castlemont	5								60	60	60	60		
Castlemont	6				56	130	60	60	120	60	60	60	60	60
Castlemont	7				56	60	120	59	60	120	60	60	60	60
Castlemont	8				56	60	60	118	54	60	120	60	60	60
Castlemont	9				69	60	60	60	54	54	60	120	60	60
Castlemont	10				11	71	60	61				60	120	60
Castlemont	11					18	62	60					60	120
Castlemont	12						19	58						60
Castlemont	ngraded							32						
Castlemont	Total	0	0	0	248	399	473	476	468	474	480	480	480	480
Castlemont	LPS College Park													
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3													
Castlemont	4													
Castlemont	5													
Castlemont	6													
Castlemont	7													
Castlemont	8													
Castlemont	9							103	103	100	102	102	102	102
Castlemont	10								90	103	102	102	102	102
Castlemont	11									82	105	102	102	102
Castlemont	12										84	105	102	102
Castlemont	ngraded													
Castlemont	Total	0	0	0	0	0	0	103	193	285	393	411	408	408

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Oakland Aviation High														
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3													
Castlemont	4													
Castlemont	5													
Castlemont	6													
Castlemont	7													
Castlemont	8													
Castlemont	9								57	65	66	68	69	70
Castlemont	10								57	66	68	69	70	
Castlemont	11									58	68	69	70	
Castlemont	12										59	69	69	
Castlemont	ngraded												60	70
Castlemont	Total	0	0	0	0	0	0	0	57	122	191	262	336	350
Oak Tree Charter														
Castlemont	K	52												
Castlemont	1	58												
Castlemont	2	53												
Castlemont	3	53												
Castlemont	4	31												
Castlemont	5	31												
Castlemont	6	32												
Castlemont	7	31												
Castlemont	8													
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total	341	0	0	0	0	0	0	0	0	0	0	0	0
ARISE														
Castlemont	K													
Castlemont	1													
Castlemont	2													
Castlemont	3													
Castlemont	4													
Castlemont	5													
Castlemont	6													
Castlemont	7													
Castlemont	8													
Castlemont	9								45	45	45	45	45	
Castlemont	10								45	45	45	45	45	
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total	0	0	0	0	0	0	0	0	90	90	90	90	90
Growing Children Charter														
Castlemont	K				28	23	23	21						
Castlemont	1				17	28	29	22						
Castlemont	2				10	24	26	25						
Castlemont	3				10	20	24	28						
Castlemont	4					13	16	22						
Castlemont	5						12	12						
Castlemont	6							23						
Castlemont	7													
Castlemont	8													
Castlemont	9													
Castlemont	10													
Castlemont	11													
Castlemont	12													
Castlemont	ngraded													
Castlemont	Total				65	108	130	153						

Historical & Projected Charter Enrollment 1999-2011														
HSAA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
EFC Cox Elementary														
Fremont	K							80	100	100	98	96	94	92
Fremont	1							119	80	100	98	96	94	92
Fremont	2							115	103	80	78	77	75	74
Fremont	3							114	112	103	101	99	97	95
Fremont	4							129	100	112	110	108	105	103
Fremont	5							119	115	100	98	96	94	92
Fremont	6													
Fremont	7													
Fremont	8													
Fremont	9													
Fremont	10													
Fremont	11													
Fremont	12													
Fremont	ngraded													
Fremont	Total	0	0	0	0	0	0	676	610	595	583	571	560	549
EFC-East Oakland Community Charter														
Fremont	K							80	120	120	120	120	120	120
Fremont	1							155	100	120	120	120	120	120
Fremont	2							124	135	100	120	120	120	120
Fremont	3							126	119	135	100	120	120	120
Fremont	4							121						
Fremont	5													
Fremont	6													
Fremont	7													
Fremont	8													
Fremont	9													
Fremont	10													
Fremont	11													
Fremont	12													
Fremont	ngraded													
Fremont	Total	0	0	0	0	0	0	606	474	475	460	480	480	480
Oakland Charter Academy														
Fremont	K													
Fremont	1													
Fremont	2													
Fremont	3													
Fremont	4													
Fremont	5													
Fremont	6	72	50	48	55	56	54	53	51	50	50	50	50	50
Fremont	7	49	75	50	56	56	56	44	50	51	50	50	50	50
Fremont	8	54	40	74	52	55	54	48	44	50	51	50	50	50
Fremont	9													
Fremont	10													
Fremont	11													
Fremont	12													
Fremont	ngraded													
Fremont	Total	175	165	172	163	167	164	145	145	151	151	150	150	150
Dolores Huerta Learning Academy														
Fremont	K	20	20	20	20	20	20	20	20	20	20	20	20	20
Fremont	1	18	20	20	20	20	20	20	20	20	21	21	21	21
Fremont	2	26	20	21	18	20	20	20	20	20	21	21	21	21
Fremont	3	20	35	20	20	20	20	20	18	20	21	21	22	22
Fremont	4	24	21	40	24	22	22	23	20	18	21	21	22	23
Fremont	5	22	25	25	39	25	25	23	23	20	19	21	22	23
Fremont	6		26	25	24	43	25	24	41	23	21	19	22	23
Fremont	7		20	25	25	21	40	22	22	41	24	21	20	23
Fremont	8				21	24	20	43	22	22	42	24	22	20
Fremont	9													
Fremont	10													
Fremont	11													
Fremont	12													
Fremont	ngraded													
Fremont	Total	130	187	196	211	215	212	215	206	204	207	190	191	194

## Historical & Projected Charter Enrollment 1999-2011

HSA		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Youth Employment Partnership														
Fremont	K													
Fremont	1													
Fremont	2													
Fremont	3													
Fremont	4													
Fremont	5													
Fremont	6													
Fremont	7													
Fremont	8													
Fremont	9							14	24	24	20	20	20	20
Fremont	10							11	10	24	24	20	20	20
Fremont	11							5	6	10	24	24	20	20
Fremont	12							1	3	6	10	24	24	20
Fremont	ngraded													
Fremont	Total	0	0	0	0	0	0	31	43	64	78	88	84	80
Upper Elementary Ed for Change														
Fremont	K													
Fremont	1													
Fremont	2													
Fremont	3													
Fremont	4								118	110	112	114	117	119
Fremont	5								107	118	112	114	117	119
Fremont	6													
Fremont	7													
Fremont	8													
Fremont	9													
Fremont	10													
Fremont	11													
Fremont	12													
Fremont	ngraded													
Fremont	Total	0	0	0	0	0	0	0	225	228	224	229	233	238
COVA Projects														
McClymonds?	K													
	1													
	2													
	3									15	15	16	17	17
	4									30	15	16	17	17
	5									30	31	16	17	17
	6									30	31	32	17	17
	7									30	31	32	33	17
	8													
	9													
	10													
	11													
	12													
	Ungraded													
	Total	0	0	0	0	0	0	0	0	135	123	112	100	86