

**BEAVERTON SCHOOL DISTRICT**  
**POPULATION AND ENROLLMENT FORECASTS**  
**2012-13 TO 2025-26**



**APRIL, 2012**



**BEAVERTON SCHOOL DISTRICT  
POPULATION AND ENROLLMENT FORECASTS  
2012-13 TO 2025-26**

**Prepared By  
Population Research Center  
Portland State University**

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## **EXECUTIVE SUMMARY**

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This report presents the results of a demographic study conducted by the Portland State University Population Research Center (PRC). The study includes analyses of population, housing and enrollment trends affecting the District in recent years, estimates of the impacts of housing development on BSD enrollment, and forecasts of district-wide and individual elementary school enrollments for the 2012-13 to 2025-26 school years.

### ***Enrollment Trends***

Fall 2011 K-12 enrollment in all BSD schools was 37,681, which was 253 students (0.7 percent) more than in Fall 2010. This was the third consecutive year with enrollment gain, following two years (2007-08 and 2008-09) in which the District lost a small amount of enrollment. The loss of 419 students total between Fall 2006 and Fall 2008 followed 21 consecutive years of enrollment gains; since Fall 2008 growth has resumed and the BSD has added 1,481 K-12 students over a three year period.

District-wide elementary (K-5<sup>th</sup>) and middle (6<sup>th</sup>-8<sup>th</sup>) grade enrollments have both grown in the past five years. However, high school (9<sup>th</sup>-12<sup>th</sup>) grade enrollment peaked in 2006-07 and has declined by 255 students (2.3 percent) in the five years since. Statewide 9<sup>th</sup>-12<sup>th</sup> grade enrollment has also declined in the same five year period, by 3.1 percent.

Most of the District's recent growth has been concentrated at the elementary level, due to larger incoming kindergarten classes. Fall 2010 kindergarten enrollment of 2,913 was the largest in District history. In that year 40 percent of kindergarten students were enrolled in full-day kindergarten. In Fall 2011, 36 percent of kindergarten students were enrolled in full-day kindergarten and enrollment of 2,858 was the second largest in BSD history.

### ***Potential Residential Development***

Metro is now in the final stages of allocating its most recent regional forecast to small areas called Transportation Analysis Zones (TAZs). Key inputs in the allocation are residential and employment capacity based on vacant land and estimates of redevelopment and infill. We used

Metro’s capacity figures for land that was within the Urban Growth Boundary (UGB) as of October 2011 to generate rough estimates of residential capacity within the BSD. Our estimate shows capacity for about 14,800 housing units on vacant residential land. About 23,500 additional units could be built on land that is currently developed or partially developed.<sup>1</sup> This capacity is adequate to accommodate residential development through the 2025 horizon of these forecasts at a pace similar to the 2000 to 2010 period.

Development potential was also factored into enrollment forecasts for individual elementary schools. For example, growth may occur due to developments currently underway such as Timberland (Cedar Mill) and Summer Creek (Hiteon) or future large developments such as North Bethany (Springville) and the Peterkort property (West Tualatin View).

### ***Enrollment Forecast***

In these forecasts, K-12 enrollment grows by 5,680 students (15 percent) over the 14 year forecast period, reaching 43,361 in 2025-26. The average annual growth rate is 1.0 percent. Elementary (K-5) enrollments grow by 2,760 students (15 percent) to 20,680 in 2025-26, also a 1.0 percent average annual growth rate. Similar growth is expected for secondary enrollments throughout the forecast period, amounting to 1,182 middle school and 1,735 high school students (14 and 15 percent growth rates respectively) over the 14 year period.

Kindergarten enrollments are forecast to remain relatively stable through 2016-17, reflecting two significant developments with opposite impacts. First, the recent kindergarten growth trend is expected to end due to the downturn in births locally and in Oregon and the U.S. since the beginning of the Great Recession. Second, the expectation that the State of Oregon will fund full-day kindergarten beginning in 2015-16 is incorporated into these forecasts in the form of slightly higher kindergarten “capture rates,” the District’s share of eligible kindergarten-age residents.

Table 1 summarizes the historic and forecast total (K-12) and elementary (K-5) growth for the District by five year increment. These forecasts are presented in Charts 1 and 2. Annual

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<sup>1</sup> The underlying data was provided by Metro, but results included in this study are unofficial estimates prepared by the Portland State University Population Research Center.



forecasts for the District by grade level may be found in Table 18 of this report. Table 19 presents the kindergarten enrollment forecasts and Table 20 shows K-5 enrollment forecasts for each elementary school.

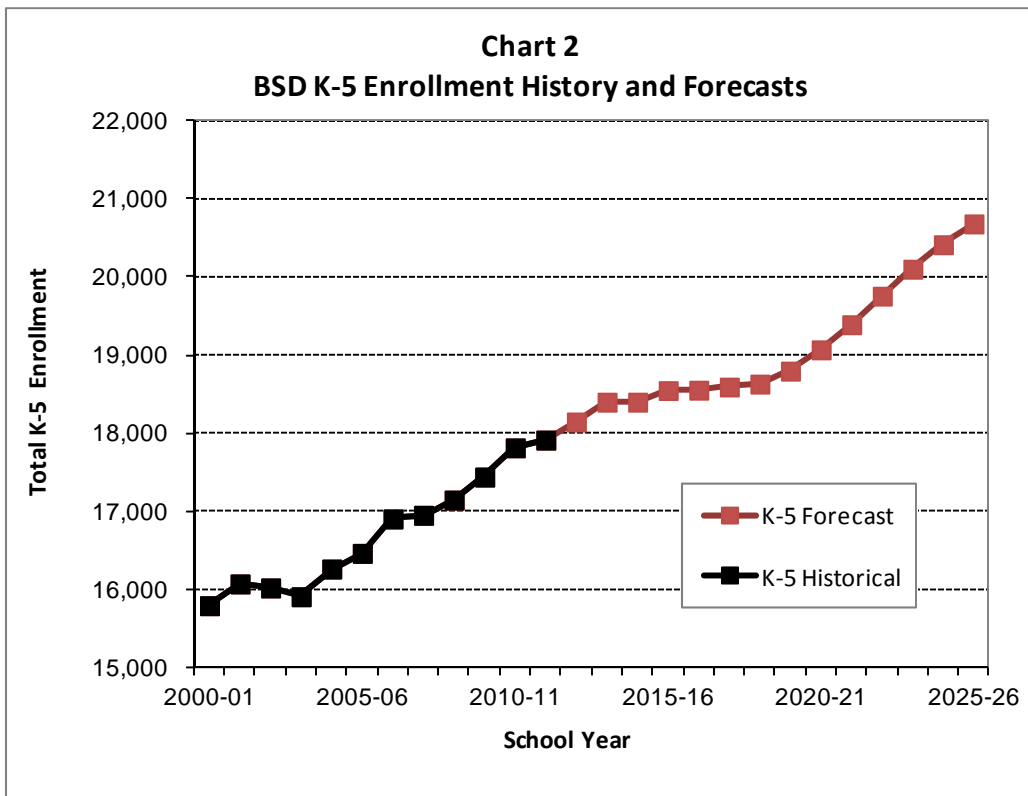
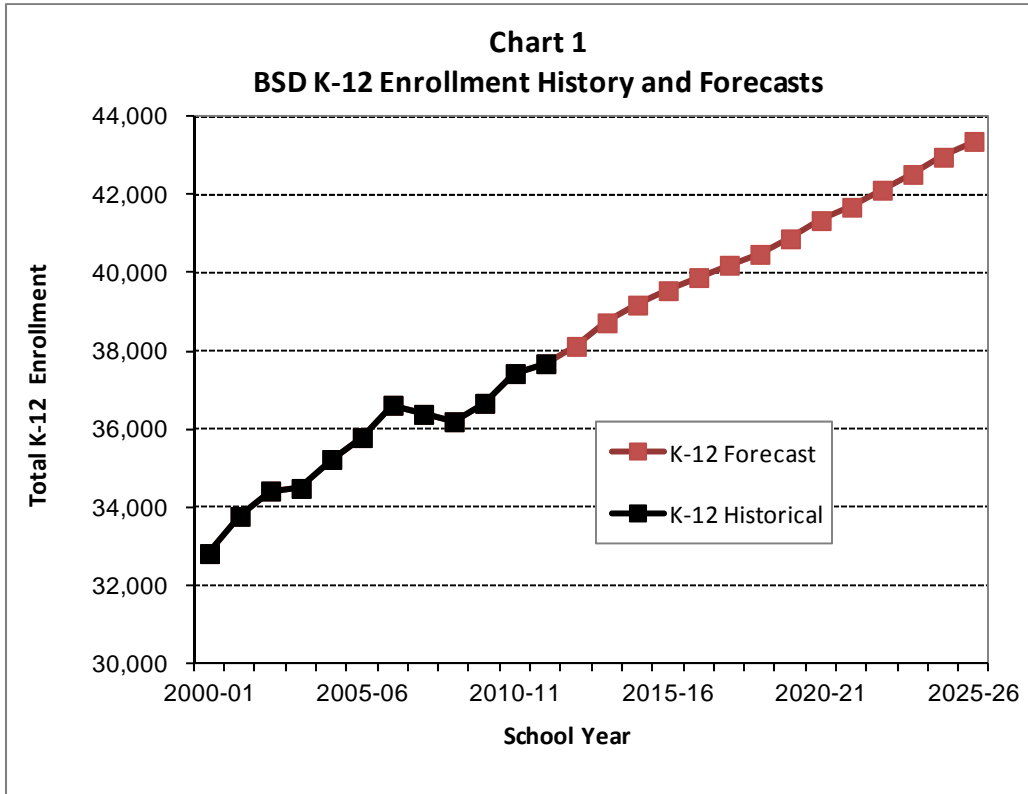
**Table 1**  
**Historic and Forecast Enrollment**  
**Beaverton School District**

| School Year                            | K - 12                   |               | K - 5                    |               |
|--|--------------------------|---------------|--------------------------|---------------|
|  | Enroll-ment <sup>1</sup> | 5 year growth | Enroll-ment <sup>1</sup> | 5 year growth |
| 2000-01                                | 32,830                   | -             | 15,801                   | -             |
| 2005-06                                | 35,795                   | 2,965         | 16,470                   | 669           |
| 2010-11                                | 37,428                   | 1,633         | 17,818                   | 1,348         |
| 2011-12                                | 37,681                   | -             | 17,917                   | -             |
| 2012-13 (fcst.)                        | 38,124                   | -             | 18,149                   | -             |
| 2015-16 (fcst.)                        | 39,548                   | 1,424         | 18,550                   | 401           |
| 2020-21 (fcst.)                        | 41,337                   | 1,789         | 19,071                   | 521           |
| 2025-26 (fcst.)                        | 43,361                   | 2,024         | 20,680                   | 1,609         |
| AAEG <sup>2</sup> , 2011-12 to 2025-26 | 1.01%                    |               | 1.03%                    |               |

1. Historic and Forecast enrollments do not include students in Pre-Kindergarten, Self Contained Special Education, Alternative, and Early College programs.

2. Average Annual Enrollment Growth.

Source: Historic enrollment, Beaverton School District; Enrollment forecasts, Population Research Center, PSU. March 2012.



## **INTRODUCTION**

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The Portland State University Population Research Center (PRC) has prepared long-range enrollment forecasts for the Beaverton School District (BSD) based on historical enrollment observed through Fall 2011. This report updates BSD enrollment history and local area population, housing, and economic trends, and presents forecasts of district-wide K-12 enrollment and individual elementary school enrollments for a 14 year horizon from 2012-13 to 2025-26. Information sources include the U.S. Census Bureau, birth data from the Oregon Center for Health Statistics, city and county population estimates produced by PRC, economic trends from the Oregon Employment Department, housing development data from the county and cities, and residential capacity data from Metro.

The Beaverton School District has the third largest enrollment among Oregon school districts. It serves 98 percent of the City of Beaverton and portions of the cities of Tigard, Hillsboro, and Portland. The 2010 Census shows that a majority of the District's residents live in unincorporated Washington County, in communities such as Aloha, Oak Hills, Cedar Mill, and Bethany.

Following this introduction are sections presenting recent population, housing, and enrollment trends within the District and the relationship between enrollment and housing. Next are the results of the district-wide enrollment forecasts and individual elementary school forecasts, and a description of the methodologies used to produce the forecasts. The final section contains a brief discussion of the nature and accuracy of forecasts. An appendix contains a summary of demographic and housing for each elementary school and a five page census profile for the District.



## POPULATION, HOUSING, AND EMPLOYMENT TRENDS, 1990 to 2010

Between 2000 and 2010, total population within the BSD grew by 18 percent, from 214,592 persons to 253,198. This growth rate was similar to the 19 percent growth experienced by Washington County and greater than the 15 percent in the Portland-Vancouver-Beaverton Metro area. However, numeric and percentage growth in the BSD as well as Washington County was smaller in the 2000s than in the 1990s. The share of the District's population living outside of the cities of Beaverton, Hillsboro, Tigard and Portland, in unincorporated Washington County,

**Table 2**  
**City and Region Population, 1990, 2000, and 2010**

|   | 1990      | 2000      | 2010      | Avg. Annual Growth Rate |           |
|---|-----------|-----------|-----------|-------------------------|-----------|
|   |           |           |           | 1990-2000               | 2000-2010 |
| City of Beaverton <sup>1</sup>                | 53,307    | 76,129    | 89,803    | 3.6%                    | 1.7%      |
| <i>BSD Portion</i>                            | 53,307    | 74,981    | 88,350    | 3.4%                    | 1.6%      |
| City of Hillsboro <sup>2</sup>                | 37,598    | 70,186    | 89,803    | 6.2%                    | 2.5%      |
| <i>BSD Portion</i> <sup>5</sup>               | 687       | 4,682     | 7,540     | 19.2%                   | 4.8%      |
| City of Portland <sup>3</sup>                 | 438,802   | 529,121   | 586,776   | 1.9%                    | 1.0%      |
| <i>BSD Portion</i> <sup>5</sup>               | 994       | 1,015     | 969       | 0.2%                    | -0.5%     |
| City of Tigard <sup>4</sup>                   | 29,435    | 41,223    | 48,035    | 3.4%                    | 1.5%      |
| <i>BSD Portion</i> <sup>5</sup>               | 4,128     | 6,987     | 7,436     | 5.3%                    | 0.6%      |
| BSD Unincorporated                            | 93,699    | 126,927   | 148,903   | 3.0%                    | 1.6%      |
| BSD Total                                     | 152,815   | 214,592   | 253,198   | 3.4%                    | 1.7%      |
| Washington County                             | 311,554   | 445,342   | 529,710   | 3.6%                    | 1.7%      |
| Portland-Vancouver-Beaverton MSA <sup>6</sup> | 1,523,741 | 1,927,881 | 2,226,009 | 2.4%                    | 1.4%      |

1. A portion of the City of Beaverton's population growth was due to the annexation of 2,468 persons between 1990 and 2000 and 1,944 persons between 2000 and 2007.

2. A portion of the City of Hillsboro's population growth was due to the annexation of 635 persons between 1990 and 2000.

3. A portion of the City of Portland's population change was due to the annexation of 47,227 persons between 1990 and 2000 and 8 persons between 2000 and 2007.

4. A portion of the City of Tigard's population growth was due to the annexation of 1,205 persons between 1990 and 2000 and 1,111 persons between 2000 and 2007.

5. The 1990 populations of BSD within Hillsboro, Portland, and Tigard are estimated because 1990 census blocks were not delineated by school district boundaries.

6. Portland-Vancouver-Beaverton MSA consists of Clackamas, Columbia, Multnomah, Washington, Yamhill (OR) and Clark and Skamania (WA) Counties.

Sources: U.S. Census Bureau, 1990, 2000 and 2010 Censuses; Portland State University Population Research Center Estimates.

remained about 59 percent in 2010, as in 2000. The 1990, 2000, and 2010 populations of the District, the cities and the portions of each city within BSD, the County and Metro area are shown in Table 2.

### **Employment**

The District is part of the larger Portland Metropolitan area labor market. The Census Bureau’s Local Employment Dynamics (LED) data from 2010 show data that about 28 percent of BSD residents worked within the District itself. A slight majority worked within Washington County, and 31 percent worked in the City of Portland, 16 percent worked in the City of Beaverton, and 14 percent in the city of Hillsboro. Table 3 reports the number and share of BSD residents by where their jobs are located.<sup>2</sup> Some workers, such as most federal employees, are not included. In some cases the employer’s location is used rather than the actual work site. However, the data represent the home to work flow for most workers.

**Table 3**  
**Where Beaverton School District Residents are Employed**

| <b>Job Located Within</b> | <b>Workers</b> | <b>Share</b>  |
|---------------------------|----------------|---------------|
| Washington County         | 52,578         | 50.6%         |
| <i>Beaverton city</i>     | 16,000         | 15.4%         |
| <i>Hillsboro city</i>     | 14,207         | 13.7%         |
| <i>Tigard city</i>        | 6,439          | 6.2%          |
| Multnomah County          | 33,549         | 32.3%         |
| <i>Portland city</i>      | 32,103         | 30.9%         |
| Clackamas County          | 8,158          | 7.8%          |
| Marion County             | 2,064          | 2.0%          |
| All other locations       | 7,645          | 7.4%          |
| <b>Total Primary Jobs</b> | <b>103,994</b> | <b>100.0%</b> |

*\*Note: Indentation indicates that the area is also included within the area above it. For example, jobs in the City of Beaverton are also counted in Washington County. Portions of the City of Portland are outside of Multnomah County, but few jobs are located in those areas.*

*Sources: US Census Bureau, LED Origin-Destination Data Base (2nd Quarter 2010). Jobs are those covered by unemployment insurance, generally excluding most federal government, agricultural, self-employed and domestic workers. Includes at most one (primary) job per resident.*

<sup>2</sup> U.S. Census Bureau, LED Origin-Destination Database (2<sup>nd</sup> quarter 2010). Commute shed report for residents of BSD. Includes workers at firms covered by unemployment insurance (excludes most federal workers, agricultural jobs and self-employed). <http://lehd.did.census.gov/led/>.

Between 2004 and 2007 Washington County added 26,100 jobs, twelve percent over the 3 year period. Growth slowed in early 2008, and in late 2008 the county began to post year-to-year job losses. By 2009, employment had fallen close to its 2005 level, mainly due to the loss of 14,700 jobs between 2008 and 2009. Between 2010 and 2011 the county added 8,200 jobs (3.5 percent). The 4.0 percent growth in private sector jobs in 2011 was the most robust growth that the county has seen since 2006.<sup>3</sup>

Washington County's unemployment rate rose from 4.3 percent in 2007 to 9.3 percent in 2009, paralleling a similar increase in the U.S. rate from 4.6 percent to 9.3 percent. In terms of the unemployment rate, Washington County's recovery has fared somewhat better than the nation's. The county's 7.1 percent seasonally adjusted unemployment rate in March 2012 was about one percentage point below the national rate. While this rate may still be too high to encourage much in-migration into the county, the national malaise will discourage out-migration. Furthermore, job losses and the housing market crash have slowed the nation's mobility. Movement both across county lines and within counties is at an all-time low.<sup>4</sup> Ironically, this trend may support enrollment growth in urban core school districts such as Portland and inner suburban districts such as Beaverton, which have gained enrollment in the past few years while surrounding districts that relied on new housing growth have lost enrollment.

### ***Population by Age Group***

In contrast with the 1990s when the District's school-age population grew by 44 percent, the District's school-age population grew only by 14 percent in the 2000s. The school age (5 to 17) population as a share of the total decreased from 18.4 percent in 2000 to 17.7 percent in 2010. Both in 2000 and 2010, the largest five-year age group consisted of young adults age 25 to 29. The leading edge of the baby boom accounted for the largest percentage growth during the decade, 100 percent for the 60 to 64 year old age group. The median age in the District

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<sup>3</sup> "Current Employment by Industry," Oregon Employment Department, OLMIS. Average annual non-farm employment in Washington County was 251,800 in 2007, 233,900 in 2009, and 243,500 in 2011.

<sup>4</sup> "Americans Still Stuck at Home," William H. Frey, The Brookings Institution, November 17, 2011.

increased from 33.3 in 2000 to 35.3 in 2010. Table 4 shows the population by age group for 2000 and 2010. Age detail by gender for 2000 and 2010 is included in the appendix.

**Table 4**  
**Population by Age Group**  
**Beaverton School District, 1990, 2000 and 2010**

|                         | 1990           | 2000           | 2010           | 1990 to 2000 Change |            | 2000 to 2010 Change |            |
|-------------------------|----------------|----------------|----------------|---------------------|------------|---------------------|------------|
|                         |                |                |                | Number              | Percent    | Number              | Percent    |
| Under Age 5             | 11,734         | 16,362         | 18,090         | 4,628               | 39%        | 1,728               | 11%        |
| Age 5 to 9              | 11,463         | 16,091         | 17,848         | 4,628               | 40%        | 1,757               | 11%        |
| Age 10 to 14            | 10,211         | 14,820         | 16,892         | 4,609               | 45%        | 2,072               | 14%        |
| Age 15 to 17            | 5,688          | 8,581          | 10,170         | 2,893               | 51%        | 1,589               | 19%        |
| Age 18 to 19            | 3,414          | 4,971          | 5,390          | 1,557               | 46%        | 419                 | 8%         |
| Age 20 to 24            | 10,511         | 15,119         | 15,434         | 4,608               | 44%        | 315                 | 2%         |
| Age 25 to 29            | 14,715         | 19,043         | 21,027         | 4,328               | 29%        | 1,984               | 10%        |
| Age 30 to 34            | 15,737         | 18,842         | 20,415         | 3,105               | 20%        | 1,573               | 8%         |
| Age 35 to 39            | 15,238         | 18,647         | 20,176         | 3,409               | 22%        | 1,529               | 8%         |
| Age 40 to 44            | 13,323         | 18,376         | 18,916         | 5,053               | 38%        | 540                 | 3%         |
| Age 45 to 49            | 9,578          | 16,690         | 18,466         | 7,112               | 74%        | 1,776               | 11%        |
| Age 50 to 54            | 6,786          | 13,684         | 17,274         | 6,898               | 102%       | 3,590               | 26%        |
| Age 55 to 59            | 5,454          | 9,082          | 15,558         | 3,628               | 67%        | 6,476               | 71%        |
| Age 60 to 64            | 5,041          | 6,151          | 12,313         | 1,110               | 22%        | 6,162               | 100%       |
| Age 65 to 69            | 4,822          | 4,872          | 8,078          | 50                  | 1%         | 3,206               | 66%        |
| Age 70 to 74            | 3,555          | 4,302          | 5,394          | 747                 | 21%        | 1,092               | 25%        |
| Age 75 to 79            | 2,597          | 3,995          | 4,122          | 1,398               | 54%        | 127                 | 3%         |
| Age 80 to 84            | 1,619          | 2,643          | 3,523          | 1,024               | 63%        | 880                 | 33%        |
| Age 85 and over         | 1,329          | 2,321          | 4,112          | 992                 | 75%        | 1,791               | 77%        |
| <b>Total Population</b> | <b>152,815</b> | <b>214,592</b> | <b>253,198</b> | <b>61,777</b>       | <b>40%</b> | <b>38,606</b>       | <b>18%</b> |
| Total age 5 to 17       | 27,362         | 39,492         | 44,910         | 12,130              | 44%        | 5,418               | 14%        |
| share age 5 to 17       | 17.9%          | 18.4%          | 17.7%          |                     |            |                     |            |

*Source: U.S. Census Bureau, 1990, 2000 and 2010 Censuses; data aggregated to BSD boundary by Portland State University Population Research Center.*

### **Births**

The number of births to District residents increased by nine percent from 3,486 in 2000 to 3,816 in 2007, but as in the U.S. and Oregon, 2007 was a peak year for births. The decline since 2007 parallels national and state trends. Provisional and preliminary data indicated that births totals fell more than seven percent in the U.S. and Oregon between 2007 and 2010.<sup>5</sup> The Pew

<sup>5</sup> “Recent Trends in Births and Fertility Rates Through 2010.” NCHS Health E-State, June 2011; “Month of Occurrence and County of Residence, Oregon Resident Births, 2010, Preliminary.” Oregon Health Authority, Center for Health Statistics, date unknown.



Research Center’s analysis of multiple economic and demographic data sources confirms the close correlation between the economic downturn and the nation’s fertility downturn.<sup>6</sup> Table 5 reports the number of births to BSD residents each year from 2000 to 2009. In the “Enrollment Forecasts” section of this report we examine the relationship between births, migration, and subsequent school enrollments.

| Year | Births |
|------|--------|
| 2000 | 3,486  |
| 2001 | 3,520  |
| 2002 | 3,535  |
| 2003 | 3,608  |
| 2004 | 3,458  |
| 2005 | 3,621  |
| 2006 | 3,716  |
| 2007 | 3,816  |
| 2008 | 3,616  |
| 2009 | 3,700  |

*Source: PSU-PRC estimates using Oregon Center for Health Statistics data and geocoded birth records.*

### ***Housing Growth and Characteristics***

During the 2000 to 2010 period, the District added over 16,700 housing units, as shown in Table 6. There was an 18 percent increase in households (occupied housing units), but only a 13 percent increase in households with children under 18. The share of households in the BSD that included at least one child under age of 18 was 35 percent in 2010, similar to previous decades. The average number of persons per household, 2.51, remained the same in 2010 as in 2000.

The City of Beaverton accounts for less than a quarter of the BSD’s new housing development, but its trend in residential building permit activity is indicative of the slowdown that has occurred since 2008. Twelve years of permit data is presented in Table 7.

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<sup>6</sup> “In a Down Economy, Fewer Births.” Pew Research Center, Pew Social & Demographic Trends, October 2011.

**Table 6**  
**Beaverton School District**  
**Housing and Household Characteristics, 1990, 2000 and 2010**

|   | 1990          | 2000          | 2010          | Change    |           |
|---|---------------|---------------|---------------|-----------|-----------|
|   |               |               |               | 90 to '00 | 00 to '10 |
|   |               |               |               | Number    | Number    |
| Housing Units   | 64,448        | 89,483        | 106,225       | 25,035    | 16,742    |
| Households  | 61,052        | 84,841        | 100,138       | 23,789    | 15,297    |
| Households with children under 18<br><i>share of total</i>    | 21,749<br>36% | 30,695<br>36% | 34,671<br>35% | 8,946     | 3,976     |
| Households with no children under 18<br><i>share of total</i> | 39,303<br>64% | 54,146<br>64% | 65,467<br>65% | 14,843    | 11,321    |
| Household Population  | 152,044       | 213,359       | 251,198       | 61,315    | 37,839    |
| Persons per Household   | 2.49          | 2.51          | 2.51          | 0.02      | -0.01     |

*Source: U.S. Census Bureau, 1990, 2000 and 2010 Censuses; data aggregated to BSD boundary by Portland State University Population Research Center.*

**Table 7**  
**Privately Owned Housing Units**  
**Authorized by Building Permits**

| Year Permit Issued | City of Beaverton |                 |
|--------------------|-------------------|-----------------|
|                    | Single Family     | Multiple Family |
| 2000               | 225               | 138             |
| 2001               | 374               | 146             |
| 2002               | 391               | 175             |
| 2003               | 257               | 50              |
| 2004               | 392               | 1001            |
| 2005               | 289               | 284             |
| 2006               | 189               | 437             |
| 2007               | 200               | 180             |
| 2008               | 184               | 167             |
| 2009               | 172               | 188             |
| 2010               | 82                | 93              |
| 2011               | 99                | 34              |
| 2012(Jan-Feb)      | 13                | 0               |

*Source: U.S. Census Bureau, Residential Construction Branch.*  
*Data available online at*  
<http://censtats.census.gov/bldg/bldgprmt.shtml>

Metro's Regional Land Information System (RLIS) combines information from county tax assessor records with spatial features, enabling the tax lot information to be organized by various geographic areas. In Table 8 recently built single family homes are tabulated by current

(2011-12) attendance area and year built. Tax assessor data provided by RLIS – spatially aligned with the District’s attendance area boundaries – indicates that during the 11 years from 2000 to 2010, about 11,250 single family homes were built in the District. The greatest numbers of new homes have been built in the past decade in the Findley attendance area, followed by Beaver Acres and Kinnaman, respectively. The City of Beaverton accounted only for 22 percent of the homes built since 2000, while unincorporated Washington County area accounts for 75 percent. Homes that are demolished, removed, or replaced are not subtracted from the number of new homes, so the net change in the District’s single family housing stock may be less than the number of new homes.

**Table 8**  
**Beaverton School District**  
**Single Family Homes Built 2000 to 2010 by Jurisdiction and Attendance Area<sup>1</sup>**

| <i>A. By Jurisdiction</i> |              |              |              |              |              |              |            |            |            |            |            |                  |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------------|
| Jurisdiction              | Year Built   |              |              |              |              |              |            |            |            |            |            | 2000-10<br>Total |
|                           | 2000         | 2001         | 2002         | 2003         | 2004         | 2005         | 2006       | 2007       | 2008       | 2009       | 2010       |                  |
| Beaverton                 | 193          | 363          | 339          | 317          | 361          | 366          | 193        | 159        | 114        | 31         | 33         | 2,469            |
| Hillsboro                 | -            | -            | -            | -            | 42           | 7            | 1          | -          | 15         | 4          | -          | 69               |
| Tigard                    | 4            | 2            | -            | 44           | 78           | 11           | 19         | 27         | 20         | 7          | 23         | 235              |
| Portland                  | 2            | 6            | -            | 7            | -            | -            | -          | -          | -          | -          | 1          | 16               |
| Unincorporated Area       | 1,142        | 871          | 927          | 941          | 1,183        | 1,186        | 572        | 623        | 327        | 332        | 359        | 8,463            |
| <b>District Total</b>     | <b>1,341</b> | <b>1,242</b> | <b>1,266</b> | <b>1,309</b> | <b>1,664</b> | <b>1,570</b> | <b>785</b> | <b>809</b> | <b>476</b> | <b>374</b> | <b>416</b> | <b>11,252</b>    |

| <i>B. By Elementary Attendance Area</i> |            |      |      |      |      |      |      |      |      |      |      |                  |
|---|------------|------|------|------|------|------|------|------|------|------|------|------------------|
| Elementary Area <sup>2</sup>            | Year Built |      |      |      |      |      |      |      |      |      |      | 2000-10<br>Total |
|   | 2000       | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |                  |
| Aloha Huber K-8                         | 63         | 44   | 63   | 3    | 38   | 47   | 66   | 34   | 6    | 28   | 20   | 412              |
| Barnes                                  | 32         | 16   | -    | 10   | 44   | 27   | 19   | 10   | 2    | 4    | 15   | 179              |
| Beaver Acres                            | 63         | 133  | 119  | 83   | 161  | 226  | 58   | 84   | 16   | 18   | 3    | 964              |
| Bethany                                 | 157        | 78   | 205  | 131  | 57   | 2    | -    | -    | -    | -    | 3    | 633              |
| Bonny Slope                             | 65         | 54   | 55   | 78   | 112  | 88   | 65   | 28   | 24   | 18   | 23   | 610              |
| Cedar Mill                              | 70         | 30   | 27   | 50   | 22   | 37   | 15   | 25   | 26   | 20   | 54   | 376              |
| Chehalem                                | 34         | 16   | 38   | 16   | 15   | 26   | 15   | 3    | 9    | 16   | 28   | 216              |
| Cooper Mountain                         | 49         | 34   | 11   | 22   | 72   | 56   | 61   | 15   | 6    | 2    | 18   | 346              |
| Elmonica                                | 61         | 71   | 46   | 48   | 106  | 56   | 52   | 27   | 15   | 5    | 7    | 494              |
| Errol Hassell                           | 45         | 20   | 50   | 14   | 40   | 13   | 34   | 12   | 33   | 6    | 7    | 274              |

*table continued on next page*

**Table 8 (continued)**  
**Beaverton School District**  
**Single Family Homes Built 2000 to 2010 by Jurisdiction and Attendance Area<sup>1</sup>**

| <i>B. By Elementary Attendance Area</i> |              |              |              |              |              |              |            |            |            |            |            |                  |
|---|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------------|
| Elementary Area <sup>2</sup>            | Year Built   |              |              |              |              |              |            |            |            |            |            | 2000-10<br>Total |
|   | 2000         | 2001         | 2002         | 2003         | 2004         | 2005         | 2006       | 2007       | 2008       | 2009       | 2010       |                  |
| Findley                                 | 89           | 124          | 205          | 182          | 195          | 215          | 35         | 20         | -          | 1          | 9          | 1,075            |
| Fir Grove                               | -            | 19           | 6            | 7            | 6            | 6            | 11         | 7          | 2          | 2          | -          | 66               |
| Greenway                                | -            | 19           | 20           | 20           | -            | -            | -          | -          | 1          | -          | -          | 60               |
| Hazeldale                               | 73           | 66           | 88           | 50           | 43           | 21           | 18         | 31         | 27         | 24         | 34         | 475              |
| Hiteon                                  | 6            |              | 1            | 4            | 14           | 35           | 17         | 17         | 9          |            | 19         | 122              |
| Jacob Wismer                            | 162          | 56           | 7            | 1            | 1            | 15           | 11         | 103        | 69         | 41         | 38         | 504              |
| Kinnaman                                | 15           | 20           | 8            | 262          | 251          | 94           | 3          | 47         | 1          | 6          | 2          | 709              |
| McKay                                   | 1            | -            | -            | 1            | 62           | 7            | 1          | 6          | 2          | -          | -          | 80               |
| McKinley                                | 4            | 4            | 4            | 1            | 42           | 45           | 3          | 3          | 15         | 4          | 22         | 147              |
| Montclair                               | 17           | 25           | 5            | 4            | 8            | 29           | 29         | 52         | 6          | 8          | 7          | 190              |
| Nancy Ryles                             | 7            | 29           | 2            | 55           | 25           | 3            | 5          | 12         | 82         | 12         | 12         | 244              |
| Oak Hills                               | 5            | 6            | 2            | 1            | 94           | 147          | -          | 2          | 7          | -          | 1          | 265              |
| Raleigh Hills                           | 5            | 7            | 2            | 25           | 1            | -            | 15         | 6          | 20         | 24         | 4          | 109              |
| Raleigh Park                            | 36           | 7            | 5            | 12           | 6            | 33           | 6          | 5          | 6          | 3          | 7          | 126              |
| Ridgewood                               | 2            | 2            | -            | 1            | -            | -            | -          | 9          | 2          | 2          | 3          | 21               |
| Rock Creek                              | 26           | 8            | -            | 1            | 19           | 13           | 33         | 23         | 1          | -          | -          | 124              |
| Scholls Heights                         | 91           | 211          | 48           | 63           | 26           | 74           | 10         | 4          | -          | -          | -          | 527              |
| Sexton Mountain                         | 33           | 54           | 142          | 29           | 99           | 89           | 74         | 69         | 1          | 2          | 2          | 594              |
| Springville K-8                         | 84           | 48           | 3            | 2            | 7            | 4            | 54         | 48         | 60         | 107        | 57         | 474              |
| Terra Linda                             | 19           | 7            | 7            | 13           | 14           | 3            | 3          | 28         | -          | -          | -          | 94               |
| Vose                                    | 8            | 10           | 2            | 1            | 4            | 34           | 3          | 6          | -          | -          | -          | 68               |
| West Tualatin View                      | 19           | 23           | 78           | 115          | 29           | 124          | 69         | 63         | 24         | 21         | 21         | 586              |
| Wm. Walker                              | -            | 1            | 17           | 4            | 51           | 1            | -          | 10         | 4          | -          | -          | 88               |
| <b>District Total</b>                   | <b>1,341</b> | <b>1,242</b> | <b>1,266</b> | <b>1,309</b> | <b>1,664</b> | <b>1,570</b> | <b>785</b> | <b>809</b> | <b>476</b> | <b>374</b> | <b>416</b> | <b>11,252</b>    |

1. Includes single family homes and mobile homes on individual parcels.

2. Current (2011-12) attendance areas.

Source: Data compiled by PSU-PRC, using geographic shape files and attribute data from Metro RLIS Data, January 2012.

Attribute data, including year built and building type, is from the Metro's RLIS Database.

## **ENROLLMENT TRENDS**

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Fall 2011 K-12 enrollment in all BSD schools was 37,681, which was 253 students (0.7 percent) more than in Fall 2010. This was the third consecutive year with enrollment gain, following two years (2007-08 and 2008-09) in which the District lost a small amount of enrollment. The loss of 419 students total between Fall 2006 and Fall 2008 followed 21 consecutive years of enrollment gains; since Fall 2008 growth has resumed and BSD K-12 enrollment has grown by 1,481 students over a three year period.

District-wide elementary (K-5<sup>th</sup>) and middle (6<sup>th</sup>-8<sup>th</sup>) grade enrollments have both grown in the past five years. However, high school (9<sup>th</sup>-12<sup>th</sup>) grade enrollment peaked in 2006-07 and has declined by 255 students (2.3 percent) in the five years since. Statewide 9<sup>th</sup>-12<sup>th</sup> grade enrollment has also declined in the same five year period, by 3.1 percent. The decline reflects the graduation of the large cohort born around 1990, the “echo” of the baby boom, who were enrolled in high school in the mid-2000s. After 1990 there was a small drop in the number of births in Oregon, and a much larger drop nationally. Another factor in the BSD high school figures may be simply related to accounting. Our historic and forecast figures do not include Self Contained Special Education, Alternative, and Early College programs, so changes in those programs may affect the traditional high school enrollment figures in this report.

Table 9 on the next page summarizes the enrollment history for the District by grade level annually from 2001-02 to 2011-12. District-wide enrollment is now 3,900 students (12 percent) more than in the 2001-02 school year.

### ***Private School Enrollment and Home Schooling***

According to the National Center for Education Statistics, there are 26 private schools in Washington County that enroll 100 or more students in grades K to 12 in the 2009-2010 school year. The largest of these are all within the BSD boundaries, though their students come from throughout the Portland metro area. They are Jesuit High School (1,220 students in grades 9-12), Oregon Episcopal School, (830 students in grades K-12), and Catlin Gabel, (710 students in grades K-12). There are also many preschools in the vicinity that also offer kindergarten. The total K-12 enrollment of private schools in the county was about 8,500 in the 2009-10 school year.

**Table 9  
Beaverton School District, Enrollment History, 2001-02 to 2011-12**

| <b>Grade</b>         | <b>2001-02</b> | <b>2002-03</b>        | <b>2003-04</b> | <b>2004-05</b> | <b>2005-06</b>        | <b>2006-07</b> | <b>2007-08</b> | <b>2008-09</b>         | <b>2009-10</b> | <b>2010-11</b> | <b>2011-12</b> |
|----------------------|----------------|-----------------------|----------------|----------------|-----------------------|----------------|----------------|------------------------|----------------|----------------|----------------|
| <b>K</b>             | 2,500          | 2,490                 | 2,503          | 2,567          | 2,641                 | 2,644          | 2,607          | 2,775                  | 2,754          | 2,913          | 2,858          |
| <b>1</b>             | 2,707          | 2,710                 | 2,681          | 2,824          | 2,839                 | 2,991          | 2,936          | 2,886                  | 3,105          | 2,977          | 3,056          |
| <b>2</b>             | 2,756          | 2,698                 | 2,690          | 2,760          | 2,832                 | 2,867          | 2,957          | 2,873                  | 2,916          | 3,115          | 3,001          |
| <b>3</b>             | 2,694          | 2,746                 | 2,643          | 2,735          | 2,697                 | 2,895          | 2,867          | 2,935                  | 2,903          | 2,943          | 3,125          |
| <b>4</b>             | 2,677          | 2,747                 | 2,678          | 2,680          | 2,755                 | 2,743          | 2,856          | 2,849                  | 2,910          | 2,924          | 2,936          |
| <b>5</b>             | 2,745          | 2,637                 | 2,721          | 2,704          | 2,706                 | 2,769          | 2,733          | 2,833                  | 2,857          | 2,946          | 2,941          |
| <b>6</b>             | 2,756          | 2,788                 | 2,647          | 2,768          | 2,797                 | 2,785          | 2,748          | 2,785                  | 2,837          | 2,894          | 2,993          |
| <b>7</b>             | 2,692          | 2,733                 | 2,803          | 2,683          | 2,752                 | 2,858          | 2,757          | 2,749                  | 2,822          | 2,840          | 2,894          |
| <b>8</b>             | 2,520          | 2,741                 | 2,722          | 2,818          | 2,701                 | 2,782          | 2,820          | 2,714                  | 2,746          | 2,833          | 2,847          |
| <b>9</b>             | 2,534          | 2,649                 | 2,802          | 2,807          | 2,968                 | 2,825          | 2,817          | 2,836                  | 2,814          | 2,925          | 2,967          |
| <b>10</b>            | 2,527          | 2,583                 | 2,627          | 2,819          | 2,868                 | 2,970          | 2,750          | 2,760                  | 2,828          | 2,807          | 2,802          |
| <b>11</b>            | 2,522          | 2,532                 | 2,556          | 2,571          | 2,775                 | 2,818          | 2,865          | 2,618                  | 2,740          | 2,738          | 2,588          |
| <b>12</b>            | 2,150          | 2,373                 | 2,421          | 2,499          | 2,464                 | 2,672          | 2,674          | 2,587                  | 2,437          | 2,573          | 2,673          |
| <b>Total*</b>        | <b>33,780</b>  | <b>34,427</b>         | <b>34,494</b>  | <b>35,235</b>  | <b>35,795</b>         | <b>36,619</b>  | <b>36,387</b>  | <b>36,200</b>          | <b>36,669</b>  | <b>37,428</b>  | <b>37,681</b>  |
| <i>Annual change</i> |                | 647<br>1.9%           | 67<br>0.2%     | 741<br>2.1%    | 560<br>1.6%           | 824<br>2.3%    | -232<br>-0.6%  | -187<br>-0.5%          | 469<br>1.3%    | 759<br>2.1%    | 253<br>0.7%    |
| <b>K-5</b>           | 16,079         | 16,028                | 15,916         | 16,270         | 16,470                | 16,909         | 16,956         | 17,151                 | 17,445         | 17,818         | 17,917         |
| <b>6-8</b>           | 7,968          | 8,262                 | 8,172          | 8,269          | 8,250                 | 8,425          | 8,325          | 8,248                  | 8,405          | 8,567          | 8,734          |
| <b>9-12</b>          | 9,733          | 10,137                | 10,406         | 10,696         | 11,075                | 11,285         | 11,106         | 10,801                 | 10,819         | 11,043         | 11,030         |
|                      |                | <b>5 Year Change:</b> |                |                | <b>5 Year Change:</b> |                |                | <b>10 Year Change:</b> |                |                |                |
|                      |                | <b>Change</b>         | <b>Pct.</b>    |                | <b>Change</b>         | <b>Pct.</b>    |                | <b>Change</b>          | <b>Pct.</b>    |                |                |
| <b>K-5</b>           |                | 830                   | 5%             |                | 1,008                 | 6%             |                | 1,838                  | 11%            |                |                |
| <b>6-8</b>           |                | 457                   | 6%             |                | 309                   | 4%             |                | 766                    | 10%            |                |                |
| <b>9-12</b>          |                | 1,552                 | 16%            |                | -255                  | -2%            |                | 1,297                  | 13%            |                |                |
| <b>Total</b>         |                | <b>2,839</b>          | <b>8%</b>      |                | <b>1,062</b>          | <b>3%</b>      |                | <b>3,901</b>           | <b>12%</b>     |                |                |

*\*Note: Enrollments do not include students in Pre-Kindergarten, Self Contained Special Education, Alternative, and Early College programs.*

*Source: Beaverton School District*

Private schools within the BSD enroll local students as well as students from beyond the BSD boundaries; conversely BSD residents attend private schools beyond the District’s boundaries, so the number of students enrolled in private schools physically located within the District cannot be used to measure overall private school share. The best estimates of private school enrollment for BSD residents come from the Census Bureau – the 2000 Census “long form” and the more recent American Community Survey (ACS). In the 2000 Census, about 12 percent of 1<sup>st</sup>-12<sup>th</sup> grade students living in the District and enrolled in school were reported as private school students. The private school share estimated from 2008-2010 ACS responses is lower — 10.4 percent. However, the ACS has a smaller sample size than the census and there is 1.9 percent margin of error at the 90 percent confidence level.<sup>7</sup> These private school estimates are shown in Table 10.

**Table 10**  
**School Enrollment by Type of School**  
**Residents of Beaverton School District**  
**Census Data, 1990, 2000 & 2008-2010**

|   | 1990   | 2000   | 2008-10  |          |
|---|--------|--------|----------|----------|
|   |        |        | estimate | MOE*     |
| Enrolled in 1 <sup>st</sup> -12 <sup>th</sup> grade | 24,372 | 36,658 | 40,713   | +/-1,714 |
| Public Schools                                      | 21,996 | 32,220 | 36,463   | +/-1,757 |
| Private Schools                                     | 2,376  | 4,438  | 4,250    | +/-732   |
| <i>Private Share</i>                                | 9.7%   | 12.1%  | 10.4%    | +/- 1.9% |
| Enrolled in 1 <sup>st</sup> -8 <sup>th</sup> grade  | N/A    | 25,348 | 27,308   | +/-1,425 |
| Public Schools                                      |        | 22,126 | 24,711   | +/-1,442 |
| Private Schools                                     |        | 3,222  | 2,597    | +/-509   |
| <i>Private Share</i>                                |        | 12.7%  | 9.5%     | +/- 1.9% |
| Enrolled in 9 <sup>th</sup> -12 <sup>th</sup> grade | N/A    | 11,310 | 13,405   | +/-953   |
| Public Schools                                      |        | 10,094 | 11,752   | +/-1,004 |
| Private Schools                                     |        | 1,216  | 1,653    | +/-527   |
| <i>Private Share</i>                                |        | 10.7%  | 12.3%    | +/- 4.0% |

*\*Margin of sampling error at the 90 percent confidence level.*

*Sources: 1990 Census, Summary Tape File 3, Table P54 (BSD area estimated by PRC);*

*2000 Census, Summary File 3, Table P36 (BSD area estimated by PRC);*

*2008-2010 American Community Survey, Table C14002 (tabulated for BSD area by Census Bureau).*

<sup>7</sup> Underlying data from U.S. Census Bureau, 1990 and 2000 Censuses, Summary File 3, Table P36; U.S. Census Bureau 2008-2010 American Community Survey 3 year estimates, Table C14002, with additional calculations by PSU Population Research Center.

Another difference between public school enrollment and total school age population can be attributed to home schooling. Home-schooled students age 7 to 18 living in the District are required to register with the Northwest Region Education Service District (NWRES D), though the statistics kept by the NWRES D are not precise because students moving out of the area are not required to drop their registration. Students who enroll in public schools after being registered as home students are, however, dropped from the home school registry. As shown in Table 11, the number of registered home school students was 916 in 2010-11. This registry represents about 2 percent of the BSD’s school age population. The number of home-schooled students has remained in the range between 850 and 970 each year since 2005, and there is no clear trend up or down.

**Table 11**  
**Home School Students Residing in BSD<sup>1</sup>**

|         | Total |
|---------|-------|
| 2005-06 | 852   |
| 2006-07 | 930   |
| 2007-08 | 853   |
| 2008-09 | 962   |
| 2009-10 | 970   |
| 2010-11 | 916   |

*1. Residents of BSD age 7-18 enrolled with NWRES D.*  
*Source: Northwest Region Education Service District, Annual Reports.*

***Neighboring Districts***

Table 12 compares several facts about BSD demographics and enrollment trends in comparison to three other neighboring school districts (Hillsboro, Tigard-Tualatin, and Portland). Portland Public Schools lost enrollment between 2000-01 and 2008-09 but has grown each year since 2008-09. Conversely, Tigard-Tualatin grew from 2000-01 to 2008-09 but has lost enrollment each year since 2008-09. The Hillsboro School District grew at a similar or faster rate than the BSD between 2000-01 and 2008-09, but percentage growth in the BSD has outpaced the HSD each year since 2008-09.



**Table 12**  
**Selected School Districts**  
**Demographic and Enrollment Highlights, 2000 to 2011**

|                                       | Beaverton   | Hillsboro   | Tigard-Tualatin | Portland    |
|---------------------------------------|-------------|-------------|-----------------|-------------|
| Enrollment growth, 2000-01 to 2008-09 | 8%          | 13%         | 9%              | -13%        |
| Enrollment growth, 2008-09 to 2011-12 | 4%          | 2%          | -2%             | 3%          |
| Latino enrollment, 2011-12            | 23%         | 34%         | 23%             | 16%         |
| Grades 9-12 enrollment, 2011-12       | 29%         | 31%         | 33%             | 26%         |
| Population growth, 2000 to 2010       | 18%         | 20%         | 16%             | 8%          |
| Multi-family housing share, 2000      | 43%         | 25%         | 41%             | 36%         |
| Population age 5 to 17, 2000          | 18%         | 20%         | 18%             | 14%         |
| Population age 5 to 17, 2010          | 18%         | 19%         | 18%             | 12%         |
| Population under age 5, 2000          | 7.6%        | 8.7%        | 7.1%            | 5.7%        |
| Population under age 5, 2010          | 7.1%        | 7.8%        | 6.9%            | 5.6%        |
| Population rural, 2000                | 0.4%        | 13.2%       | 0.6%            | 1.0%        |
| Median Household Income 2006-10*      | \$63,766    | \$62,353    | \$50,956        | \$58,697    |
| Median Household Income - MOE*        | +/- \$1,385 | +/- \$1,518 | +/- \$850       | +/- \$2,121 |
| Median Value of Home 2006-10*         | \$324,400   | \$269,400   | \$323,200       | \$322,200   |
| Median Household Income - MOE*        | +/- \$4,197 | +/- \$3,667 | +/- \$3,155     | +/- \$6,160 |

*Data assembled by PSU Population Research Center (PRC) from several sources: U.S. Census Bureau; enrollment reports from PRC; OR Dept. of Education; U.S. Dept. of Education.*

*\*U.S. Census Bureau, 2006-2010 American Community Survey 5 Year Estimates. In 2010 Inflation Adjusted Dollars. ACS data needs to be interpreted along with margins of error (MOE).*

### **Enrollment Trends at Individual Elementary Schools**

Total enrollments at each of District's elementary schools from 2006-07 to 2011-12 are shown in Table 13. Enrollment change is calculated for the five year period. For many schools, the enrollment changes during the period include the effects of boundary adjustments and therefore do not accurately portray increases or decreases in student population within their current boundaries.

**Table 13**  
**Beaverton School District**  
**Historic Enrollment by Elementary School, 2006-07 to 2011-12**

| <b>School</b>                  | <b>2006-07</b> | <b>2007-08</b> | <b>2008-09</b> | <b>2009-10</b> | <b>2010-11</b> | <b>2011-12</b> | <b>5 Year<br/>Change:<br/>2006-07 to<br/>2011-12</b> |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Aloha Huber K-8                | 767            | 812            | 813            | 776            | 839            | 846            | 79   |
| Barnes                         | 691            | 623            | 673            | 739            | 780            | 763            | 72   |
| Beaver Acres                   | 760            | 817            | 803            | 814            | 867            | 848            | 88   |
| Bethany                        | 542            | 572            | 545            | 485            | 485            | 519            | -23  |
| Bonny Slope                    | 0              | 0              | 438            | 473            | 502            | 554            | 554  |
| Cedar Mill                     | 368            | 367            | 207            | 233            | 245            | 252            | -116   |
| Chehalem                       | 468            | 491            | 452            | 485            | 469            | 491            | 23   |
| Cooper Mountain                | 532            | 487            | 467            | 489            | 490            | 499            | -33  |
| Elmonica                       | 662            | 627            | 602            | 595            | 597            | 588            | -74  |
| Errol Hassell                  | 508            | 528            | 505            | 498            | 470            | 481            | -27  |
| Findley                        | 868            | 874            | 830            | 804            | 799            | 814            | -54  |
| Fir Grove                      | 514            | 497            | 502            | 456            | 493            | 499            | -15  |
| Greenway                       | 434            | 415            | 417            | 421            | 393            | 439            | 5  |
| Hazeldale                      | 571            | 568            | 582            | 579            | 472            | 441            | -130   |
| Hiteon                         | 407            | 423            | 442            | 486            | 618            | 619            | 212  |
| Jacob Wismer                   | 779            | 782            | 818            | 699            | 725            | 747            | -32  |
| Kinnaman                       | 461            | 441            | 467            | 434            | 547            | 555            | 94   |
| McKay                          | 354            | 350            | 343            | 366            | 372            | 368            | 14   |
| McKinley                       | 606            | 613            | 628            | 611            | 656            | 625            | 19   |
| Montclair                      | 320            | 331            | 326            | 340            | 344            | 380            | 60   |
| Nancy Ryles                    | 640            | 638            | 661            | 649            | 573            | 573            | -67  |
| Oak Hills                      | 611            | 616            | 608            | 600            | 617            | 597            | -14  |
| Raleigh Hills                  | 378            | 367            | 400            | 369            | 364            | 328            | -50  |
| Raleigh Park                   | 402            | 390            | 406            | 418            | 419            | 427            | 25   |
| Ridgewood                      | 430            | 439            | 425            | 392            | 384            | 394            | -36  |
| Rock Creek                     | 639            | 650            | 630            | 520            | 513            | 506            | -133   |
| Scholls Heights                | 720            | 697            | 728            | 696            | 635            | 588            | -132   |
| Sexton Mountain                | 615            | 625            | 641            | 675            | 646            | 597            | -18  |
| Springville K-8                | 0              | 0              | 0              | 506            | 559            | 589            | 589  |
| Terra Linda                    | 466            | 498            | 423            | 418            | 416            | 434            | -32  |
| Vose                           | 605            | 616            | 628            | 631            | 670            | 691            | 86   |
| West Tualatin View             | 333            | 338            | 280            | 298            | 309            | 313            | -20  |
| Wm. Walker                     | 458            | 464            | 461            | 490            | 550            | 552            | 94   |
| <b>Elementary School Total</b> | <b>16,909</b>  | <b>16,956</b>  | <b>17,151</b>  | <b>17,445</b>  | <b>17,818</b>  | <b>17,917</b>  | <b>1,008</b>   |
| <b>Middle School Total</b>     | <b>8,425</b>   | <b>8,325</b>   | <b>8,248</b>   | <b>8,405</b>   | <b>8,567</b>   | <b>8,734</b>   | <b>309</b>   |
| <b>High School Total</b>       | <b>11,285</b>  | <b>11,106</b>  | <b>10,801</b>  | <b>10,815</b>  | <b>11,043</b>  | <b>11,030</b>  | <b>-255</b>  |
| <b>District Totals</b>         | <b>36,619</b>  | <b>36,387</b>  | <b>36,200</b>  | <b>36,665</b>  | <b>37,428</b>  | <b>37,681</b>  | <b>1,062</b>   |

Source: Beaverton School District.

## HOUSING AND ENROLLMENT

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How many children are expected to live in future new homes and attend BSD schools? Because each development is unique, the number of resident public school students per home may depend on factors including affordability, proximity to schools, the number of bedrooms, and the presence or absence of child-friendly amenities within the development and in the surrounding neighborhood. However, district-wide average student generation rates may be useful as a baseline for estimating potential student generation from planned and proposed developments. Furthermore, measuring the number of students in older homes helps to explain the “aging in place” phenomenon that can lead to enrollment losses as families age.

Using data from Metro, we compiled a current housing inventory in a spatial file based on parcels that differentiates single family homes, apartments, condominiums, and manufactured home parks. We then combined this file with student address points from Fall 2011 in order to quantify the number of students by housing type.

For District homes built between 2000 and 2010, the average number of BSD K-12 students per single family home was 0.51, or just over one student in every two homes. The rates are within the range of rates that we have measured for new single family homes in recent studies for other area school districts.<sup>8</sup> Homes built in the 1990s also had a similar K-12 average of 0.56 students, and these homes, now 11 to 21 years old, are home to slightly older families — fewer elementary and more high school children. Homes built before 1990 have an average of just 0.35 BSD K-12 students per home.

Table 13 includes these rates by age of single family home as well as rates for other types of homes. In the most recent decade, a growing number of lots in new subdivisions are designed for attached or nearly attached row homes. We identified about 3,700 homes built between 2000 and 2010 within the BSD on parcels smaller than 2,750 square feet. On average, they were home to fewer BSD K-12 students (0.28 per home) than homes on larger parcels built at about

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<sup>8</sup> For example, 0.66 in the North Clackamas School District, 0.48 in the Oregon City School District, 0.47 in the Hillsboro School District, and 0.55 in the Tigard-Tualatin School District

the same time (0.63 per home). Among multi-family homes, rental apartments had higher student generation rates (0.27) than condominium units (0.11).

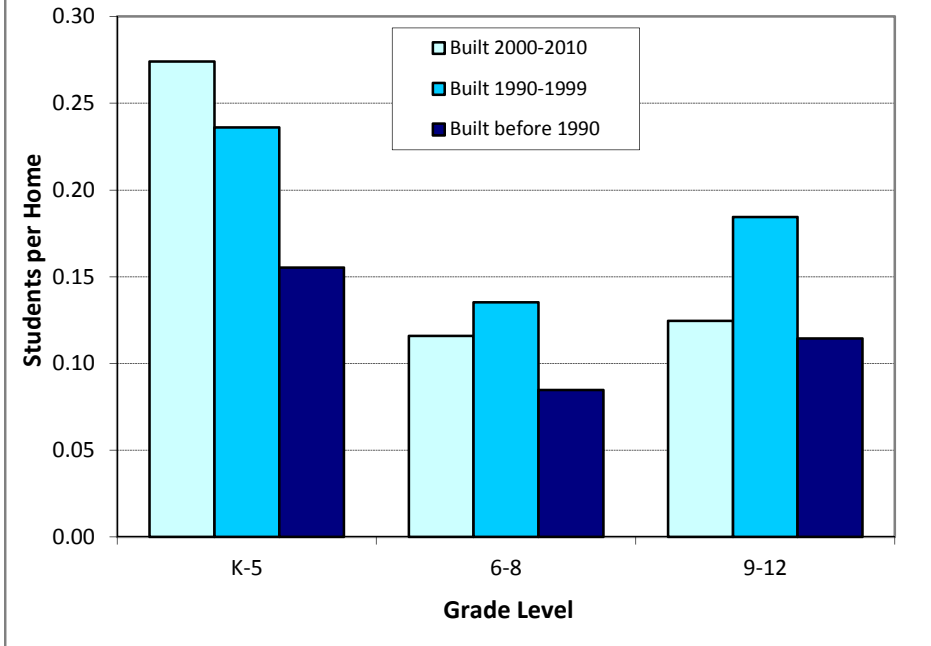
These same Fall 2011 student generation rates are shown in Chart 3, illustrating the “aging in place” that occurs in single family homes. On average, the homes that are 11-21 years old are home to fewer elementary age children than homes that are less than 11 years old. However, they are home to more high school children, on average. As the children graduate from high school, the homes built in the 1990s will soon have fewer K-12 residents, much like the homes built before 1990 that are now more than 20 years old. Although younger families may eventually occupy the older homes, owner-occupied homes turn over to new owners very gradually, and the new owners will represent a diverse mix of households that may not include as many families with children as the newer tract homes.

**Table 14**  
**Average Number of BSD Students per Home, Fall 2011**  
**By Housing Type and Grade Level**

|                                       | Grade Level |      |      |             |
|---------------------------------------|-------------|------|------|-------------|
|                                       | K-5         | 6-8  | 9-12 | K-12        |
| Single family homes built 2000-2010   | 0.27        | 0.12 | 0.12 | <b>0.51</b> |
| <i>detached homes built 2000-2010</i> | 0.34        | 0.14 | 0.15 | <b>0.63</b> |
| <i>row homes built 2000-2010</i>      | 0.14        | 0.06 | 0.07 | <b>0.28</b> |
| Single family homes built 1990-1999   | 0.24        | 0.14 | 0.18 | <b>0.56</b> |
| Single family homes built before 1990 | 0.16        | 0.08 | 0.11 | <b>0.35</b> |
| Condominiums                          | 0.05        | 0.02 | 0.03 | <b>0.11</b> |
| Apartments                            | 0.14        | 0.06 | 0.06 | <b>0.27</b> |
| Manufactured homes in M.H. Parks      | 0.19        | 0.10 | 0.13 | <b>0.41</b> |

*Source: Data compiled by PSU-PRC, using BSD student data, geographic shape files from Metro, tax lot attribute data from Washington County Assessor's Office, and a multi-family housing inventory from Metro.*

**Chart 3**  
**BSD Students per Single Family Home, Fall 2011**





## **ENROLLMENT FORECASTS**

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Currently, the District's greatest need is for elementary forecasts, due to the facilities requirements associated with the potential future implementation of full-day kindergarten. However, we prepared district-wide K-12 forecasts by grade level as part of our standard methodology that includes population forecasts by age groups. The district-wide forecasts for grades K through 5 were used as control totals for the required elementary school forecasts.

### ***Potential Residential Development***

The previous enrollment forecast report, published in December 2008, included a section on potential residential development, summarizing capacity in general terms for different jurisdictions within the District. The current study uses a more objective approach to district-wide capacity made possible through the use of parcel-based residential capacity data used in Metro's current regional forecast allocation.<sup>9</sup>

Metro is now in the final stages of allocating its most recent regional forecast to small areas called Transportation Analysis Zones (TAZs). Key inputs in the allocation are residential and employment capacity based on vacant land and estimates of redevelopment and infill. We used Metro's capacity figures for land that was within the Urban Growth Boundary (UGB) as of October 2011 to generate rough estimates of residential capacity. Our estimate shows capacity for about 14,800 housing units on vacant residential land. About 23,500 additional units could be built on land that is currently developed or partially developed. There are challenges with both types of development. Vacant land may require new services and infrastructure, and if it is currently unincorporated it may need to be annexed by an existing city or included in new or expanded service districts. Infill and redevelopment is more likely if the existing improvement is of low value compared with the land. For example, a small older home on a two acre parcel is a candidate for a new subdivision.

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<sup>9</sup> The underlying data was provided by Metro, but results included in this study are unofficial estimates prepared by the Portland State University Population Research Center.

An October 2011 decision by the Metro Council is likely to result in additional residential capacity within the BSD. Metro approved an addition of a 543-acre area west of Beaverton, in the vicinity of Southwest 175th Avenue and Scholls Ferry Road, for a minimum of 4,651 new housing units.<sup>10</sup> Nearly one third of the area is within the BSD; the rest is within the Hillsboro School District. The City of Beaverton will start the planning for the South Cooper Mountain area as soon as the LCDC acts on Metro's growth management ordinance. If the expansion is approved, planning may begin as early as July 2012, and take about 16 months to a point of adoption within Beaverton's Comprehensive Plan and Development Code.<sup>11</sup>

### ***District-wide Long-range Forecast Methodology***

To ensure that enrollment forecasts are consistent with the dynamics of likely population growth within the District, we combine the grade progression enrollment model with a demographic cohort-component model used to forecast population for the District by age and sex. The components of population change are births, deaths, and migration. Using age-specific fertility rates, age-sex specific mortality rates, age-sex specific migration rates, estimates of recent net migration levels, and forecasts of future migration levels, each component is applied to the base year population in a manner that simulates the actual dynamics of population change.

Historic school enrollment is linked to the population forecast in two ways. First, the kindergarten and first grade enrollments at the time of the most recent census (the 2009-10 school year) are compared to the population at the appropriate ages counted in the census. The "capture rate," or ratio of enrollment to population, is an estimate of the share of area children who are enrolled in BSD schools. Assumptions for capture rates based on census data are used to bring new kindergarten and first grade students into the District's enrollment. If there is evidence that capture rates have changed since the time of the census, they may be adjusted in the forecast. In this forecast, kindergarten capture rates are increased in Fall 2015 and beyond,

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<sup>10</sup> Metro's 2011 growth management decision.  
<http://www.oregonmetro.gov/index.cfm/go/by.web/id/37518>

<sup>11</sup> Correspondence with City of Beaverton Community and Economic Development Department.



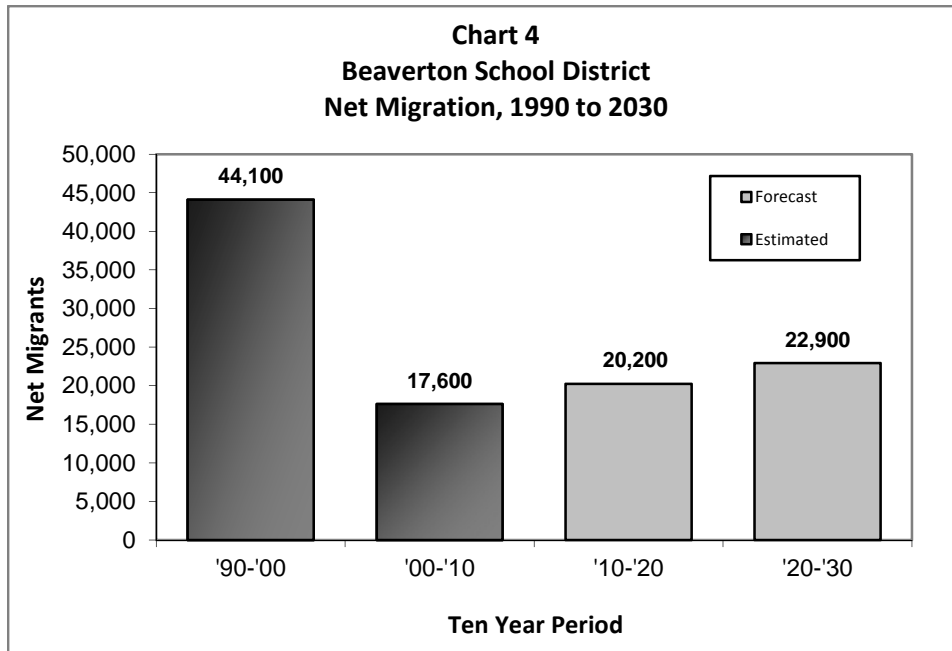
based on the expectation that the District will adopt full-day kindergarten at all schools under the State of Oregon's proposal to fund it.

The other way that historic population and enrollment are linked is through migration. Annual changes in school enrollment by cohort closely follow trends in the net migration of children in the District's population. Once the students are in first grade, a set of baseline grade progression rates (GPRs) are used to move students from one grade to the next. Grade progression rates are the ratio of enrollment in an individual grade to enrollment in the previous grade the previous year. Baseline rates, usually 1.00 for elementary grades, represent a scenario under which there is no change due to migration. Enrollment change beyond the baseline is added (or subtracted, if appropriate) at each grade level depending on the migration levels of the overall population by single years of age.

### ***Population Forecast***

The 2000 and 2010 Census results were used as a baseline for the population forecasts. By "surviving" the 2000 population and 2000s births (estimating the population in each age group that would survive to the year 2010) and comparing the "survived" population to the actual 2010 population by age group, we were able to estimate the overall level of net migration between 2000 and 2010 as well as net migration by gender and age cohort. The net migration data was used to develop initial net migration rates, which were used as a baseline for rates used to forecast net migration for the 2010 to 2030 period.

Census data reported in the "Population and Housing Trends" section showed that the District added about 23,000 fewer residents in the 2000s than in the 1990s. The difference was primarily due to a lower level of positive net migration (more people moving in than moving out). In the 1990s, we estimated that net migration contributed to population increase of 44,100. In the 2000s, net migration fell to 17,600. In spite of an aging population and lower fertility, the larger population base in the 2000s resulted in higher natural increase (births minus deaths) of about 21,000 between 2000 and 2010, compared with about 18,000 between 1990 and 2000. Chart 4 shows the 2000 to 2010 estimates and 2010 to 2030 forecasts of BSD



population growth attributable to net migration. Net migration each decade is forecast to be slightly higher than the level observed between 2000 and 2010.

We estimated the number of births to women residing within the District each year from 2000 to 2009, using data from the Oregon Department of Human Services, Center for Health Statistics. Detailed information including the age of mothers is used to calculate fertility rates by age group for both 2000 and 2009.

State and national long term trends indicate declining fertility rates for women under 30 and increasing rates for women 30 and over, but fertility rates in the 2009 to 2010 period have been unusually low due to the poor economy. Provisional and preliminary data indicated that birth totals fell more than seven percent in the U.S. and Oregon between 2007 and 2010.<sup>12</sup> The Pew Research Center’s analysis of multiple economic and demographic data sources confirms the close correlation between the economic downturn and the nation’s fertility downturn.<sup>13</sup>

<sup>12</sup> “Recent Trends in Births and Fertility Rates Through 2010.” NCHS Health E-Stat, June 2011; “Month of Occurrence and County of Residence, Oregon Resident Births, 2010, Preliminary.” Oregon Health Authority, Center for Health Statistics, date unknown.

<sup>13</sup> “In a Down Economy, Fewer Births.” Pew Research Center, Pew Social & Demographic Trends, October 2011.

Because of the current unusually low rates, we increased rates gradually between 2010 and 2020 for all age groups.

The total fertility rate (TFR) is an estimate of the number of children that would be born to the average women during her child-bearing years based on age-specific fertility rates observed at a given time. The estimated TFR for the District fell from 2.02 in 2000 to 1.91 in 2010, and rebounds to 1.96 by 2020. Table 15 shows historic births from 2000 to 2009 as well as forecasts from 2010 until 2020, the period that will have an impact on these enrollment forecasts.

**Table 15**  
**BSD Estimated and Forecast Births**

| <b>Year</b>        | <b>Births</b> |
|--------------------|---------------|
| 2000               | 3,486         |
| 2001               | 3,520         |
| 2002               | 3,535         |
| 2003               | 3,608         |
| 2004               | 3,458         |
| 2005               | 3,621         |
| 2006               | 3,716         |
| 2007               | 3,816         |
| 2008               | 3,616         |
| 2009               | 3,700         |
| 2010 (preliminary) | 3,503         |
| 2011 (forecast)    | 3,583         |
| 2012 (forecast)    | 3,657         |
| 2013 (forecast)    | 3,739         |
| 2014 (forecast)    | 3,826         |
| 2015 (forecast)    | 3,913         |
| 2016 (forecast)    | 3,959         |
| 2017 (forecast)    | 4,008         |
| 2018 (forecast)    | 4,051         |
| 2019 (forecast)    | 4,094         |
| 2020 (forecast)    | 4,144         |

*Source: 2000-2010 birth data from Oregon Center for Health Statistics allocated to BSD boundary by PSU-PRC. 2011-2020 forecasts, PSU-PRC.*

The district-wide population forecast by age group is presented in Table 16. The forecast for 2020 population in the BSD is 291,211, an increase of 38,031 persons from the 2010 Census (1.4 percent average annual growth). School-age population (5 to 17) is forecast to increase at a slower rate than overall population. The 1,340 person growth in school-age population amounts to 9.7 percent in the 20 year period. By 2020, the fastest growing age groups are the

“baby boom” generation in its 60s and 70s. Population age 55 and older in the District is forecast to account for more than half of the District’s growth between 2010 and 2020.

**Table 16  
Population by Age Group  
Beaverton School District, 2000 to 2030**

|                          | 2000<br>Census   | 2010<br>Census   | 2020<br>Forecast | 2030<br>Forecast | 2010 to 2030 Change |            |
|--------------------------|------------------|------------------|------------------|------------------|---------------------|------------|
|                          |                  |                  |                  |                  | Number              | Percent    |
| Under Age 5              | 16,362           | 18,090           | 20,061           | 22,476           | 4,386               | 24%        |
| Age 5 to 9               | 16,091           | 17,848           | 18,949           | 21,919           | 4,071               | 23%        |
| Age 10 to 14             | 14,820           | 16,892           | 19,081           | 21,132           | 4,240               | 25%        |
| Age 15 to 17             | 8,581            | 10,170           | 11,251           | 11,956           | 1,786               | 18%        |
| Age 18 to 19             | 4,971            | 5,390            | 6,083            | 6,477            | 1,087               | 20%        |
| Age 20 to 24             | 15,119           | 15,434           | 17,516           | 19,792           | 4,358               | 28%        |
| Age 25 to 29             | 19,043           | 21,027           | 23,458           | 26,049           | 5,022               | 24%        |
| Age 30 to 34             | 18,842           | 20,415           | 20,283           | 23,019           | 2,604               | 13%        |
| Age 35 to 39             | 18,647           | 20,176           | 22,578           | 25,304           | 5,128               | 25%        |
| Age 40 to 44             | 18,376           | 18,916           | 20,671           | 20,545           | 1,629               | 9%         |
| Age 45 to 49             | 16,690           | 18,466           | 19,959           | 22,343           | 3,877               | 21%        |
| Age 50 to 54             | 13,684           | 17,274           | 17,832           | 19,494           | 2,220               | 13%        |
| Age 55 to 59             | 9,082            | 15,558           | 17,624           | 19,046           | 3,488               | 22%        |
| Age 60 to 64             | 6,151            | 12,313           | 15,835           | 16,337           | 4,024               | 33%        |
| Age 65 to 69             | 4,872            | 8,078            | 13,912           | 15,754           | 7,676               | 95%        |
| Age 70 to 74             | 4,302            | 5,394            | 10,499           | 13,480           | 8,086               | 150%       |
| Age 75 to 79             | 3,995            | 4,122            | 6,597            | 11,145           | 7,023               | 170%       |
| Age 80 to 84             | 2,643            | 3,523            | 4,174            | 7,606            | 4,083               | 116%       |
| Age 85 and over          | 2,321            | 4,112            | 4,848            | 6,409            | 2,297               | 56%        |
| <b>Total Population</b>  | <b>214,592</b>   | <b>253,198</b>   | <b>291,211</b>   | <b>330,283</b>   | <b>77,085</b>       | <b>30%</b> |
| Total age 5 to 17        | 39,492           | 44,910           | 49,281           | 55,007           | 10,097              | 22%        |
| share age 5 to 17        | 18.4%            | 17.7%            | 16.9%            | 16.7%            |                     |            |
|                          | <b>2000-2010</b> | <b>2010-2020</b> | <b>2020-2030</b> |                  |                     |            |
| <b>Population Change</b> | <b>38,606</b>    | <b>38,013</b>    | <b>39,072</b>    |                  |                     |            |
| Percent                  | 18.0%            | 15.0%            | 13.4%            |                  |                     |            |
| Average Annual           | 1.7%             | 1.4%             | 1.3%             |                  |                     |            |

*Source: U.S. Census Bureau, 2000 and 2010 Censuses; data aggregated to BSD boundary by Portland State University Population Research Center. PSU-PRC Forecasts, 2020 and 2030.*

**District-wide Enrollment Forecast**

Chart 5 compares the historic and forecast number of births in the District with the historic and forecast number of BSD kindergarten students. Births correspond to kindergarten cohorts (September to August). Although many children move into and out of the District between birth and age five, and not all District residents attend BSD kindergartens, the annual change in

kindergarten enrollment has typically followed the trend in the birth cohort, in direction if not magnitude. For example, in two of the eight school years beginning in 2003-04, kindergarten fell, corresponding with the only two decreases in the size of the corresponding birth cohorts. However, kindergarten enrollment also declined between 2010-11 and 2011-12, in spite of an increase in births between 2004-05 and 2005-06.

During the past 10 years, the gap between births and kindergarten enrollment has grown as a consequence of lower net migration, declining capture rates, or some combination of the two factors. In Fall 2000, the ratio of BSD kindergarten enrollment to the corresponding birth cohort (1994-95) was 0.87. This high ratio is consistent with the high level of net in-migration in the 1990s. Since 2003-04 the ratio has ranged between 0.73 and 0.81, reflecting the lower volume of in-migration in the 2000s. For the first three years of the forecast, 2012-13 to 2014-15, the ratio remains near recent rates, ranging between 0.76 and 0.80. From 2015-16 to 2025-26, the ratio is somewhat higher, at 0.81 to 0.82, reflecting the proposed adoption of full day kindergarten at all schools.

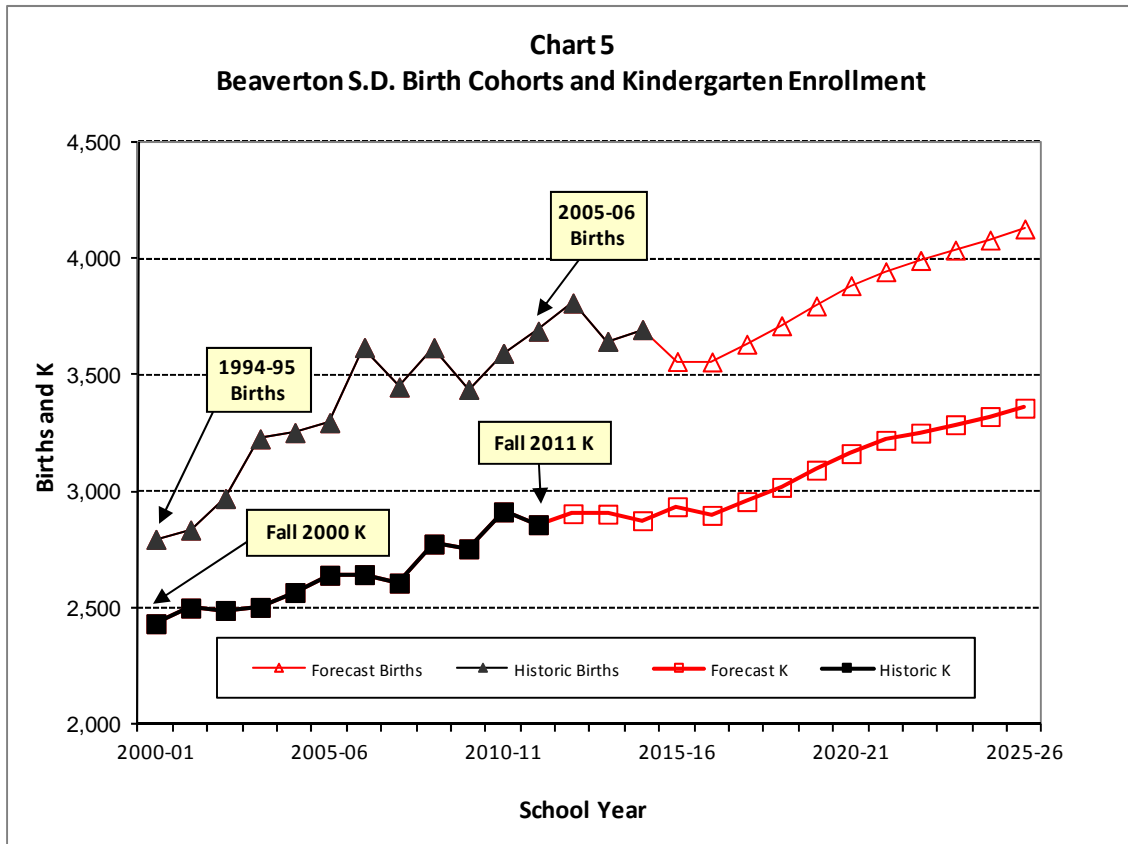


Table 17 displays Grade Progression Rates (GPRs) for individual grade cohorts, showing that the BSD experiences significant net enrollment increases at school transition years (1<sup>st</sup>, 6<sup>th</sup>, and 9<sup>th</sup>) but over the past 10 years has averaged very little growth at other grade levels. The GPR is the ratio of enrollment in a specific grade in one year to the enrollment of the same age cohort in the previous year, e.g. the number of students enrolled in second grade this year divided by the number of students enrolled in first grade last year. Higher rates for the K-1<sup>st</sup>, 5<sup>th</sup>-6<sup>th</sup>, and 8<sup>th</sup>-9<sup>th</sup> grade transitions are consistent with enrollment gains due to students entering the District from private schools. In grades 10, 11, or 12, low GPRs can indicate that students are leaving high school or being retained at lower grade levels. But for most elementary and middle grades, if the population entering and leaving the District is in balance and there is not widespread grade retention, one can expect GPRs very close to 1.00.

**Table 17**  
**Historic and Forecast Grade Progression Rates<sup>1</sup>**

| <b>Grade Transition</b> | <b>Historic Average: 2001-02 to 2011-12</b> | <b>Baseline (without the influence of migration)</b> | <b>Forecast Average: 2012-13 to 2025-26</b> |
|-------------------------|---|--|---|
| K-1                     | 1.099                                       | -- <sup>2</sup>                                      | 1.058                                       |
| 1-2                     | 1.002                                       | 1.00   | 1.008                                       |
| 2-3                     | 1.001                                       | 1.00   | 1.007                                       |
| 3-4                     | 1.001                                       | 1.00   | 1.006                                       |
| 4-5                     | 1.001                                       | 1.00   | 1.003                                       |
| 5-6                     | 1.014                                       | 1.01   | 1.011                                       |
| 6-7                     | 1.003                                       | 1.00   | 1.001                                       |
| 7-8                     | 1.001                                       | 1.00   | 1.002                                       |
| 8-9                     | 1.037                                       | 1.03   | 1.032                                       |
| 9-10                    | 0.995                                       | 0.99   | 0.991                                       |
| 10-11                   | 0.974                                       | 0.96   | 0.960                                       |
| 11-12                   | 0.949                                       | 0.98   | 0.980                                       |

*1. Ratio of enrollment in an individual grade to enrollment in the previous grade the previous year.*

*2. The enrollment forecast model uses capture rates for first grade; K-1 baseline GPRs are not used.*

Over the last 10 years, average GPRs for elementary and middle school grades other than the transition years ranged between 1.001 and 1.003. A GPR of 1.001 for 2<sup>nd</sup> grade to 3<sup>rd</sup> grade indicates that for every 1,000 2<sup>nd</sup> grade students one year there were 1,001 3<sup>rd</sup> grade students the following year. The average GPRs for the next 14 years derived from the enrollment

forecasts are shown in the final column of Table 17. The K-1<sup>st</sup> forecast average (near 1.06) is lower than the historic average (close to 1.10) due to the higher capture rate assumed for kindergarten beginning in 2015-16. For most other grades the forecast rates are slightly higher than historic rates, but gains to individual cohorts outside of school transition years are below 1.01 and not a major source of growth for the District. For 12<sup>th</sup> grade, the higher forecast rates reflect recent trends of lower dropout rates and increasing numbers of students taking a fifth year at a comprehensive high school.

In these forecasts, K-12 enrollment grows by 5,680 students (15 percent) over the 14 year forecast period, reaching 43,361 in 2025-26. The average annual growth rate is 1.0 percent. Elementary (K-5) enrollments grow by 2,760 students (15 percent) to 20,680 in 2025-26, also a 1.0 percent average annual growth rate. Similar growth is expected for secondary enrollments throughout the forecast period, amounting to 1,182 middle school and 1,735 high school students (14 and 15 percent growth rates respectively) over the 14 year period. There will be annual fluctuations that no forecast can anticipate; a short term deviation from the forecast does not mean that the forecast trend will be inaccurate in the long term.

Table 18 contains grade level forecasts for the Beaverton School District for each year from 2012-13 to 2025-26. The forecasts are also summarized by grade level groups (K-5, 6-8, and 9-12).

**Table 18**  
**Beaverton School District**  
**Enrollment Forecasts, 2012-13 to 2025-26**

| Grade                            | Historic      | Forecast      |               |               |               |               |               |               |               |               |               |               |               |               |               |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                  | 2011-12       | 2012-13       | 2013-14       | 2014-15       | 2015-16       | 2016-17       | 2017-18       | 2018-19       | 2019-20       | 2020-21       | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       |
| <b>K</b>                         | 2,858         | 2,905         | 2,903         | 2,875         | 2,935         | 2,898         | 2,957         | 3,018         | 3,092         | 3,163         | 3,220         | 3,251         | 3,287         | 3,322         | 3,358         |
| <b>1</b>                         | 3,056         | 3,056         | 3,123         | 3,100         | 3,067         | 3,095         | 3,050         | 3,113         | 3,182         | 3,260         | 3,339         | 3,389         | 3,425         | 3,462         | 3,497         |
| <b>2</b>                         | 3,001         | 3,080         | 3,082         | 3,150         | 3,124         | 3,093         | 3,116         | 3,071         | 3,140         | 3,209         | 3,290         | 3,362         | 3,415         | 3,452         | 3,486         |
| <b>3</b>                         | 3,125         | 3,021         | 3,103         | 3,105         | 3,171         | 3,147         | 3,111         | 3,135         | 3,093         | 3,163         | 3,235         | 3,310         | 3,384         | 3,438         | 3,473         |
| <b>4</b>                         | 2,936         | 3,142         | 3,039         | 3,122         | 3,122         | 3,190         | 3,162         | 3,126         | 3,154         | 3,112         | 3,184         | 3,251         | 3,328         | 3,402         | 3,455         |
| <b>5</b>                         | 2,941         | 2,945         | 3,152         | 3,049         | 3,131         | 3,132         | 3,199         | 3,170         | 3,137         | 3,164         | 3,123         | 3,193         | 3,261         | 3,338         | 3,411         |
| <b>6</b>                         | 2,993         | 2,975         | 2,979         | 3,189         | 3,084         | 3,167         | 3,167         | 3,235         | 3,207         | 3,173         | 3,201         | 3,158         | 3,230         | 3,298         | 3,376         |
| <b>7</b>                         | 2,894         | 2,996         | 2,978         | 2,982         | 3,192         | 3,088         | 3,170         | 3,170         | 3,239         | 3,211         | 3,177         | 3,204         | 3,161         | 3,233         | 3,301         |
| <b>8</b>                         | 2,847         | 2,900         | 3,003         | 2,985         | 2,988         | 3,199         | 3,093         | 3,176         | 3,177         | 3,246         | 3,219         | 3,183         | 3,210         | 3,167         | 3,239         |
| <b>9</b>                         | 2,967         | 2,937         | 2,992         | 3,098         | 3,079         | 3,083         | 3,299         | 3,190         | 3,277         | 3,278         | 3,350         | 3,320         | 3,283         | 3,311         | 3,266         |
| <b>10</b>                        | 2,802         | 2,939         | 2,909         | 2,964         | 3,069         | 3,050         | 3,053         | 3,267         | 3,160         | 3,246         | 3,248         | 3,318         | 3,289         | 3,252         | 3,279         |
| <b>11</b>                        | 2,588         | 2,691         | 2,823         | 2,794         | 2,847         | 2,948         | 2,929         | 2,932         | 3,138         | 3,035         | 3,118         | 3,119         | 3,187         | 3,159         | 3,123         |
| <b>12</b>                        | 2,673         | 2,537         | 2,639         | 2,768         | 2,739         | 2,791         | 2,890         | 2,871         | 2,875         | 3,077         | 2,976         | 3,057         | 3,058         | 3,125         | 3,097         |
| <b>Total*</b>                    | <b>37,681</b> | <b>38,124</b> | <b>38,725</b> | <b>39,181</b> | <b>39,548</b> | <b>39,881</b> | <b>40,196</b> | <b>40,474</b> | <b>40,871</b> | <b>41,337</b> | <b>41,680</b> | <b>42,115</b> | <b>42,518</b> | <b>42,959</b> | <b>43,361</b> |
| <i>Annual change<sup>2</sup></i> |               | 443<br>1.2%   | 601<br>1.6%   | 456<br>1.2%   | 367<br>0.9%   | 333<br>0.8%   | 315<br>0.8%   | 278<br>0.7%   | 397<br>1.0%   | 466<br>1.1%   | 343<br>0.8%   | 435<br>1.0%   | 403<br>1.0%   | 441<br>1.0%   | 402<br>0.9%   |
| <b>K-5</b>                       | 17,917        | 18,149        | 18,402        | 18,401        | 18,550        | 18,555        | 18,595        | 18,633        | 18,798        | 19,071        | 19,391        | 19,756        | 20,100        | 20,414        | 20,680        |
| <b>6-8</b>                       | 8,734         | 8,871         | 8,960         | 9,156         | 9,264         | 9,454         | 9,430         | 9,581         | 9,623         | 9,630         | 9,597         | 9,545         | 9,601         | 9,698         | 9,916         |
| <b>9-12</b>                      | 11,030        | 11,104        | 11,363        | 11,624        | 11,734        | 11,872        | 12,171        | 12,260        | 12,450        | 12,636        | 12,692        | 12,814        | 12,817        | 12,847        | 12,765        |

*\*Note: Historic and Forecast enrollments do not include students in Pre-Kindergarten, Self Contained Special Education, Alternative, and Early College programs.*

*Population Research Center, Portland State University, March 2012.*



### ***Individual Elementary School Forecasts***

Forecasts for individual elementary schools are prepared under a scenario in which 2012-13 boundaries and grade configurations remain constant throughout the forecast horizon. The upcoming boundary adjustment between Beaver Acres and Kinnaman has been factored into the forecasts for those two schools. Of course, attendance area boundary changes, new schools, or program changes that will impact enrollment at individual schools are likely over such a long period. Also, if new charter or private schools open, enrollment at District-run schools may be affected. However, the individual school forecasts depict what future enrollments might be under current conditions.

Inputs to the individual school forecasts include 2010 Census data by single year of age, births to residents, and residential building capacity. All of these inputs were compiled by elementary attendance area for use in the forecast model.

The kindergarten forecast for each school was informed by census data, birth data, historic trends, and residential development potential. For example, two and three year olds at the time of the April 1, 2010 Census are potential kindergarten students in Fall 2012, as are children born between September 2006 and August 2007. Using these data explicitly may result in abrupt changes from historic enrollments, so changes are moderated based on historic trends where necessary. Growth may occur due to developments currently underway such as Timberland (Cedar Mill) and Summer Creek (Hiteon) or future large developments such as North Bethany (Springville) and the Peterkort property (West Tualatin View).

Forecasts for 1<sup>st</sup> through 5<sup>th</sup> grades rely on unique sets of GPRs for each school, based initially on recent rates and adjusted based on expected levels of housing growth. The final forecasts for individual schools are controlled to match the district-wide forecasts.

Table 19 presents the kindergarten enrollment forecasts for each school and Table 20 shows K-5 enrollment forecasts.

**Table 19**  
**Kindergarten Enrollment Forecasts for Individual Schools**  
**2012-13 to 2025-26**

| School             | Actual       |              | Forecast     |              |              |              |              |              |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                    | 2010-11      | 2011-12      | 2012-13      | 2013-14      | 2014-15      | 2015-16      | 2016-17      | 2017-18      |
| Aloha Huber K-8    | 154          | 134          | 143          | 158          | 138          | 133          | 131          | 134          |
| Barnes             | 161          | 120          | 139          | 131          | 122          | 137          | 131          | 133          |
| Beaver Acres       | 173          | 131          | 138          | 133          | 144          | 137          | 135          | 138          |
| Bethany            | 74           | 95           | 71           | 77           | 73           | 79           | 78           | 80           |
| Bonny Slope        | 68           | 96           | 86           | 77           | 68           | 80           | 81           | 84           |
| Cedar Mill         | 39           | 48           | 40           | 44           | 51           | 48           | 49           | 50           |
| Chehalem           | 81           | 94           | 86           | 78           | 86           | 89           | 88           | 90           |
| Cooper Mountain    | 75           | 68           | 86           | 84           | 74           | 79           | 78           | 79           |
| Elmonica           | 100          | 99           | 103          | 102          | 102          | 104          | 103          | 104          |
| Errol Hassell      | 70           | 68           | 69           | 64           | 73           | 73           | 72           | 73           |
| Findley            | 108          | 119          | 110          | 108          | 97           | 110          | 112          | 115          |
| Fir Grove          | 83           | 78           | 76           | 77           | 66           | 74           | 73           | 75           |
| Greenway           | 58           | 77           | 68           | 78           | 76           | 75           | 75           | 76           |
| Hazeldale          | 70           | 71           | 72           | 78           | 75           | 77           | 78           | 81           |
| Hiteon             | 101          | 103          | 102          | 105          | 104          | 105          | 102          | 102          |
| Jacob Wismer       | 98           | 100          | 97           | 87           | 96           | 97           | 96           | 96           |
| Kinnaman           | 102          | 84           | 122          | 122          | 120          | 124          | 121          | 121          |
| McKay              | 61           | 59           | 68           | 67           | 64           | 65           | 64           | 65           |
| McKinley           | 123          | 121          | 115          | 123          | 122          | 123          | 121          | 124          |
| Montclair          | 55           | 63           | 65           | 64           | 78           | 66           | 64           | 67           |
| Nancy Ryles        | 77           | 105          | 94           | 105          | 96           | 97           | 94           | 96           |
| Oak Hills          | 101          | 98           | 98           | 89           | 95           | 98           | 96           | 98           |
| Raleigh Hills      | 53           | 66           | 67           | 61           | 61           | 65           | 65           | 66           |
| Raleigh Park       | 56           | 64           | 61           | 69           | 63           | 64           | 61           | 63           |
| Ridgewood          | 63           | 58           | 55           | 69           | 61           | 62           | 61           | 63           |
| Rock Creek         | 82           | 73           | 78           | 77           | 79           | 82           | 79           | 81           |
| Scholls Heights    | 94           | 91           | 87           | 88           | 74           | 88           | 87           | 89           |
| Sexton Mountain    | 81           | 71           | 75           | 73           | 81           | 77           | 76           | 78           |
| Springville K-8    | 87           | 79           | 88           | 80           | 88           | 92           | 95           | 98           |
| Terra Linda        | 68           | 75           | 68           | 68           | 67           | 70           | 69           | 71           |
| Vose               | 141          | 129          | 136          | 133          | 147          | 125          | 123          | 126          |
| West Tualatin View | 44           | 37           | 46           | 47           | 46           | 45           | 46           | 46           |
| Wm. Walker         | 112          | 84           | 96           | 87           | 88           | 95           | 94           | 95           |
| <b>K Totals</b>    | <b>2,913</b> | <b>2,858</b> | <b>2,905</b> | <b>2,903</b> | <b>2,875</b> | <b>2,935</b> | <b>2,898</b> | <b>2,957</b> |

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*Population Research Center, Portland State University, March 2012*

**Table 19 (cont.)**  
**Kindergarten Enrollment Forecasts for Individual Schools**  
**2012-13 to 2025-26**

| School             | Forecast     |              |              |              |              |              |              |              | Change*    |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
|                    | 2018-19      | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      |            |
| Aloha Huber K-8    | 138          | 140          | 143          | 147          | 147          | 149          | 150          | 153          | 9          |
| Barnes             | 136          | 139          | 142          | 145          | 146          | 148          | 150          | 151          | 11         |
| Beaver Acres       | 141          | 145          | 149          | 152          | 154          | 156          | 158          | 160          | 8          |
| Bethany            | 81           | 83           | 85           | 87           | 88           | 89           | 90           | 91           | 7          |
| Bonny Slope        | 87           | 89           | 93           | 96           | 99           | 100          | 102          | 104          | 22         |
| Cedar Mill         | 51           | 54           | 55           | 59           | 60           | 60           | 61           | 62           | 19         |
| Chehalem           | 92           | 93           | 95           | 96           | 97           | 98           | 98           | 99           | 12         |
| Cooper Mountain    | 79           | 81           | 81           | 83           | 82           | 83           | 84           | 85           | 14         |
| Elmonica           | 104          | 105          | 108          | 108          | 109          | 108          | 110          | 111          | 12         |
| Errol Hassell      | 75           | 77           | 78           | 80           | 81           | 82           | 82           | 83           | 14         |
| Findley            | 119          | 124          | 127          | 130          | 132          | 135          | 136          | 138          | 25         |
| Fir Grove          | 76           | 78           | 80           | 81           | 82           | 83           | 84           | 85           | 5          |
| Greenway           | 76           | 76           | 77           | 76           | 75           | 76           | 75           | 76           | 9          |
| Hazeldale          | 84           | 86           | 88           | 91           | 94           | 95           | 97           | 98           | 28         |
| Hiteon             | 102          | 104          | 106          | 105          | 106          | 104          | 105          | 106          | 4          |
| Jacob Wismer       | 98           | 101          | 103          | 105          | 106          | 107          | 108          | 109          | 10         |
| Kinnaman           | 123          | 124          | 125          | 125          | 125          | 124          | 125          | 126          | 33         |
| McKay              | 67           | 68           | 70           | 71           | 72           | 73           | 73           | 74           | 14         |
| McKinley           | 126          | 128          | 131          | 131          | 133          | 134          | 136          | 137          | 15         |
| Montclair          | 68           | 70           | 70           | 71           | 70           | 71           | 70           | 69           | 10         |
| Nancy Ryles        | 98           | 101          | 103          | 103          | 104          | 105          | 106          | 108          | 17         |
| Oak Hills          | 100          | 103          | 105          | 107          | 108          | 109          | 111          | 112          | 13         |
| Raleigh Hills      | 67           | 69           | 69           | 69           | 68           | 68           | 69           | 68           | 9          |
| Raleigh Park       | 62           | 64           | 65           | 67           | 67           | 68           | 69           | 69           | 9          |
| Ridgewood          | 64           | 65           | 67           | 68           | 69           | 70           | 70           | 71           | 11         |
| Rock Creek         | 83           | 85           | 85           | 87           | 86           | 87           | 86           | 87           | 10         |
| Scholls Heights    | 93           | 96           | 101          | 106          | 112          | 117          | 121          | 126          | 34         |
| Sexton Mountain    | 83           | 85           | 87           | 88           | 89           | 90           | 91           | 92           | 16         |
| Springville K-8    | 102          | 107          | 111          | 115          | 118          | 121          | 123          | 123          | 40         |
| Terra Linda        | 72           | 74           | 76           | 77           | 78           | 79           | 80           | 80           | 9          |
| Vose               | 125          | 128          | 131          | 132          | 132          | 135          | 136          | 138          | 3          |
| West Tualatin View | 49           | 50           | 54           | 57           | 58           | 58           | 59           | 59           | 19         |
| Wm. Walker         | 97           | 100          | 103          | 105          | 104          | 105          | 107          | 108          | 10         |
| <b>K Totals</b>    | <b>3,018</b> | <b>3,092</b> | <b>3,163</b> | <b>3,220</b> | <b>3,251</b> | <b>3,287</b> | <b>3,322</b> | <b>3,358</b> | <b>473</b> |

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\*2025-26 forecast minus average of 2010-11 and 2011-12 enrollments.

**Table 20**  
**Total K-5 Enrollment Forecasts for Individual Schools**  
**2012-13 to 2025-26**

| School             | Actual        | Forecast      |               |               |               |               |               |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                    | 2011-12       | 2012-13       | 2013-14       | 2014-15       | 2015-16       | 2016-17       | 2017-18       | 2018-19       |
| Aloha Huber K-8    | 846           | 857           | 888           | 895           | 892           | 860           | 860           | 851           |
| Barnes             | 763           | 779           | 770           | 762           | 747           | 725           | 738           | 735           |
| Beaver Acres       | 848           | 750           | 749           | 789           | 800           | 793           | 818           | 818           |
| Bethany            | 519           | 514           | 522           | 514           | 514           | 512           | 495           | 504           |
| Bonny Slope        | 554           | 596           | 618           | 624           | 629           | 645           | 626           | 622           |
| Cedar Mill         | 252           | 270           | 282           | 301           | 317           | 331           | 332           | 343           |
| Chehalem           | 491           | 495           | 491           | 508           | 517           | 524           | 518           | 524           |
| Cooper Mountain    | 499           | 514           | 534           | 537           | 533           | 538           | 549           | 537           |
| Elmonica           | 588           | 583           | 588           | 586           | 598           | 608           | 612           | 608           |
| Errol Hassell      | 481           | 484           | 476           | 464           | 472           | 465           | 467           | 470           |
| Findley            | 814           | 805           | 802           | 782           | 769           | 767           | 760           | 769           |
| Fir Grove          | 499           | 497           | 512           | 500           | 497           | 487           | 479           | 476           |
| Greenway           | 439           | 452           | 467           | 482           | 481           | 488           | 484           | 488           |
| Hazeldale          | 441           | 436           | 446           | 432           | 455           | 472           | 481           | 490           |
| Hiteon             | 619           | 662           | 667           | 677           | 671           | 681           | 675           | 673           |
| Jacob Wismer       | 747           | 777           | 790           | 787           | 773           | 761           | 746           | 741           |
| Kinnaman           | 555           | 674           | 704           | 723           | 744           | 746           | 760           | 759           |
| McKay              | 368           | 373           | 386           | 385           | 387           | 392           | 400           | 399           |
| McKinley           | 625           | 626           | 624           | 643           | 658           | 658           | 657           | 665           |
| Montclair          | 380           | 400           | 444           | 453           | 467           | 475           | 479           | 480           |
| Nancy Ryles        | 573           | 573           | 594           | 603           | 625           | 642           | 631           | 634           |
| Oak Hills          | 597           | 595           | 584           | 573           | 579           | 580           | 577           | 577           |
| Raleigh Hills      | 328           | 327           | 328           | 318           | 336           | 347           | 346           | 346           |
| Raleigh Park       | 427           | 438           | 437           | 434           | 430           | 429           | 426           | 427           |
| Ridgewood          | 394           | 379           | 391           | 379           | 387           | 390           | 396           | 404           |
| Rock Creek         | 506           | 511           | 514           | 496           | 513           | 508           | 512           | 510           |
| Scholls Heights    | 588           | 570           | 566           | 544           | 553           | 550           | 552           | 556           |
| Sexton Mountain    | 597           | 583           | 550           | 520           | 497           | 493           | 499           | 506           |
| Springville K-8    | 589           | 605           | 624           | 631           | 634           | 637           | 658           | 669           |
| Terra Linda        | 434           | 423           | 422           | 417           | 437           | 436           | 431           | 433           |
| Vose               | 691           | 709           | 739           | 758           | 762           | 745           | 739           | 726           |
| West Tualatin View | 313           | 315           | 315           | 322           | 313           | 318           | 331           | 333           |
| Wm. Walker         | 552           | 577           | 578           | 562           | 563           | 552           | 561           | 560           |
| <b>K-5 Totals</b>  | <b>17,917</b> | <b>18,149</b> | <b>18,402</b> | <b>18,401</b> | <b>18,550</b> | <b>18,555</b> | <b>18,595</b> | <b>18,633</b> |

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**Table 20 (cont.)**  
**Total K-5 Enrollment Forecasts for Individual Schools**  
**2012-13 to 2025-26**

| School             | Forecast      |               |               |               |               |               |               | Change<br>'11 to '25 |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------------|
|                    | 2019-20       | 2020-21       | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       |                      |
| Aloha Huber K-8    | 830           | 831           | 842           | 859           | 878           | 892           | 905           | 59                   |
| Barnes             | 740           | 757           | 766           | 776           | 788           | 801           | 813           | 50                   |
| Beaver Acres       | 828           | 831           | 847           | 865           | 882           | 899           | 914           | 66                   |
| Bethany            | 508           | 520           | 529           | 538           | 548           | 558           | 565           | 46                   |
| Bonny Slope        | 634           | 666           | 687           | 710           | 732           | 752           | 770           | 216                  |
| Cedar Mill         | 354           | 357           | 368           | 379           | 390           | 400           | 407           | 155                  |
| Chehalem           | 537           | 547           | 553           | 562           | 570           | 576           | 581           | 90                   |
| Cooper Mountain    | 529           | 535           | 539           | 543           | 547           | 552           | 557           | 58                   |
| Elmonica           | 609           | 613           | 616           | 623           | 628           | 633           | 641           | 53                   |
| Errol Hassell      | 484           | 487           | 494           | 503           | 513           | 518           | 526           | 45                   |
| Findley            | 784           | 818           | 842           | 866           | 887           | 905           | 920           | 106                  |
| Fir Grove          | 477           | 491           | 499           | 508           | 517           | 526           | 531           | 32                   |
| Greenway           | 485           | 485           | 486           | 485           | 483           | 480           | 475           | 36                   |
| Hazeldale          | 498           | 512           | 525           | 540           | 554           | 567           | 579           | 138                  |
| Hiteon             | 670           | 674           | 675           | 677           | 679           | 682           | 682           | 63                   |
| Jacob Wismer       | 760           | 767           | 776           | 785           | 797           | 811           | 821           | 74                   |
| Kinnaman           | 759           | 764           | 765           | 770           | 774           | 776           | 778           | 223                  |
| McKay              | 400           | 405           | 411           | 419           | 427           | 433           | 440           | 72                   |
| McKinley           | 671           | 679           | 687           | 695           | 704           | 713           | 720           | 95                   |
| Montclair          | 486           | 474           | 480           | 489           | 495           | 498           | 497           | 117                  |
| Nancy Ryles        | 628           | 634           | 640           | 650           | 659           | 667           | 674           | 101                  |
| Oak Hills          | 590           | 598           | 607           | 618           | 627           | 636           | 644           | 47                   |
| Raleigh Hills      | 352           | 358           | 360           | 361           | 362           | 364           | 362           | 34                   |
| Raleigh Park       | 419           | 421           | 425           | 431           | 437           | 444           | 450           | 23                   |
| Ridgewood          | 398           | 403           | 410           | 419           | 428           | 435           | 443           | 49                   |
| Rock Creek         | 520           | 528           | 534           | 541           | 547           | 551           | 551           | 45                   |
| Scholls Heights    | 565           | 592           | 610           | 636           | 666           | 697           | 729           | 141                  |
| Sexton Mountain    | 518           | 522           | 534           | 548           | 562           | 570           | 577           | -20                  |
| Springville K-8    | 699           | 725           | 760           | 790           | 813           | 838           | 857           | 268                  |
| Terra Linda        | 437           | 443           | 452           | 462           | 471           | 478           | 482           | 48                   |
| Vose               | 721           | 705           | 712           | 721           | 729           | 737           | 745           | 54                   |
| West Tualatin View | 335           | 343           | 361           | 377           | 388           | 398           | 410           | 97                   |
| Wm. Walker         | 573           | 586           | 599           | 610           | 618           | 627           | 634           | 82                   |
| <b>K-5 Totals</b>  | <b>18,798</b> | <b>19,071</b> | <b>19,391</b> | <b>19,756</b> | <b>20,100</b> | <b>20,414</b> | <b>20,680</b> | <b>2,763</b>         |

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## FORECAST ERROR AND UNCERTAINTY

Forecasts should be understood to represent a range of outcomes even though discrete numbers are provided. Due to the nature of forecasting, there is no way to estimate a confidence interval as one might for data collected from a survey. The best way to measure potential forecast error is to compare actual enrollments with previous forecasts that were conducted using similar data and methodologies. In Table 21, actual BSD enrollment by grade level in Fall 2011 is compared with the 2011-12 forecasts that were prepared in 2008. As a measure of average error for grade levels, the mean absolute percent error (MAPE) is included in the tables.

BSD K-12 enrollment was higher than the low and mid-range forecasts prepared in 2008, and nearly identical to the high range forecast. The 2008 forecasts were prepared after two consecutive years of declining enrollment; subsequent growth was greater than expected and contrary to the regional trend. The largest grade level errors are for kindergarten enrollment, perhaps due to the introduction of full day kindergarten at many BSD schools resulting in a higher capture rate in 2011 than in 2008.

**Table 21**  
**Fall 2011 Enrollment Compared to Previous Forecasts by Grade Level**

| Grade                   | Actual        | Low-range forecast <sup>1</sup> |             |              | Mid-range forecast <sup>1</sup> |             |              | High-range forecast <sup>1</sup> |          |             |
|-------------------------|---------------|---------------------------------|-------------|--------------|---------------------------------|-------------|--------------|----------------------------------|----------|-------------|
|                         |               | Fcst.                           | Diff.       | Error        | Fcst.                           | Diff.       | Error        | Fcst.                            | Diff.    | Error       |
| K                       | 2,858         | 2,671                           | -187        | -6.5%        | 2,695                           | -163        | -5.7%        | 2,716                            | -142     | -5.0%       |
| 1                       | 3,056         | 2,845                           | -211        | -6.9%        | 2,945                           | -111        | -3.6%        | 3,036                            | -20      | -0.7%       |
| 2                       | 3,001         | 2,890                           | -111        | -3.7%        | 2,995                           | -6          | -0.2%        | 3,091                            | 90       | 3.0%        |
| 3                       | 3,125         | 3,001                           | -124        | -4.0%        | 3,032                           | -93         | -3.0%        | 3,056                            | -69      | -2.2%       |
| 4                       | 2,936         | 2,894                           | -42         | -1.4%        | 2,911                           | -25         | -0.9%        | 2,928                            | -8       | -0.3%       |
| 5                       | 2,941         | 2,879                           | -62         | -2.1%        | 2,896                           | -45         | -1.5%        | 2,914                            | -27      | -0.9%       |
| 6                       | 2,993         | 2,970                           | -23         | -0.8%        | 2,985                           | -8          | -0.3%        | 3,005                            | 12       | 0.4%        |
| 7                       | 2,894         | 2,883                           | -11         | -0.4%        | 2,898                           | 4           | 0.1%         | 2,919                            | 25       | 0.9%        |
| 8                       | 2,847         | 2,868                           | 21          | 0.7%         | 2,883                           | 36          | 1.3%         | 2,903                            | 56       | 2.0%        |
| 9                       | 2,967         | 2,877                           | -90         | -3.0%        | 2,894                           | -73         | -2.5%        | 2,912                            | -55      | -1.9%       |
| 10                      | 2,802         | 2,814                           | 12          | 0.4%         | 2,831                           | 29          | 1.0%         | 2,847                            | 45       | 1.6%        |
| 11                      | 2,588         | 2,695                           | 107         | 4.1%         | 2,712                           | 124         | 4.8%         | 2,728                            | 140      | 5.4%        |
| 12                      | 2,673         | 2,599                           | -74         | -2.8%        | 2,615                           | -58         | -2.2%        | 2,632                            | -41      | -1.5%       |
| <b>Total</b>            | <b>37,681</b> | <b>36,886</b>                   | <b>-795</b> | <b>-2.1%</b> | <b>37,292</b>                   | <b>-389</b> | <b>-1.0%</b> | <b>37,687</b>                    | <b>6</b> | <b>0.0%</b> |
| <b>MAPE<sup>2</sup></b> |               |                                 |             | <b>2.8%</b>  |                                 |             | <b>2.1%</b>  |                                  |          | <b>2.0%</b> |

1. Forecast for 2011-12 by PSU-PRC, baseline 2007-08 enrollment, October 2008

2. Mean absolute percent error for individual grades K-12.





## **APPENDIX**

### **2010 Census Summaries**



**Table A1**  
**Beaverton School District**  
**Population and Households by Elementary Area, 2010 Census**

| Elementary Area    | Population     |               |               | Households       |                        |                                    |                          |                       |
|--------------------|----------------|---------------|---------------|------------------|------------------------|------------------------------------|--------------------------|-----------------------|
|                    | Total          | Age 5-17      | < Age 5       | Total Households | With Children < Age 18 | Share of HHs with persons < Age 18 | Population in Households | Persons per Household |
| Aloha Huber K-8    | 8,742          | 1,715         | 783           | 3,061            | 1,286                  | 42%                                | 8,512                    | 2.78                  |
| Barnes             | 11,009         | 1,795         | 888           | 4,432            | 1,389                  | 31%                                | 10,888                   | 2.46                  |
| Beaver Acres       | 9,181          | 1,662         | 848           | 3,282            | 1,326                  | 40%                                | 9,136                    | 2.78                  |
| Bethany            | 6,471          | 1,343         | 535           | 2,221            | 1,035                  | 47%                                | 6,458                    | 2.91                  |
| Bonny Slope        | 6,263          | 1,405         | 448           | 2,272            | 976                    | 43%                                | 6,257                    | 2.75                  |
| Cedar Mill         | 4,641          | 716           | 323           | 1,940            | 604                    | 31%                                | 4,614                    | 2.38                  |
| Chehalem           | 8,897          | 1,353         | 593           | 3,789            | 1,049                  | 28%                                | 8,768                    | 2.31                  |
| Cooper Mountain    | 7,091          | 1,556         | 476           | 2,316            | 1,112                  | 48%                                | 7,036                    | 3.04                  |
| Elmonica           | 9,692          | 1,572         | 726           | 3,825            | 1,308                  | 34%                                | 9,631                    | 2.52                  |
| Errol Hassell      | 6,630          | 1,283         | 498           | 2,288            | 945                    | 41%                                | 6,585                    | 2.88                  |
| Findley            | 5,526          | 1,568         | 544           | 1,614            | 1,151                  | 71%                                | 5,526                    | 3.42                  |
| Fir Grove          | 6,833          | 1,193         | 474           | 2,648            | 891                    | 34%                                | 6,806                    | 2.57                  |
| Greenway           | 6,980          | 1,140         | 469           | 3,051            | 914                    | 30%                                | 6,980                    | 2.29                  |
| Hazeldale          | 6,561          | 1,326         | 485           | 2,291            | 954                    | 42%                                | 6,546                    | 2.86                  |
| Hiteon             | 9,769          | 1,651         | 518           | 4,109            | 1,255                  | 31%                                | 9,727                    | 2.37                  |
| Jacob Wismer       | 6,238          | 1,620         | 513           | 2,113            | 1,164                  | 55%                                | 6,234                    | 2.95                  |
| Kinnaman           | 9,003          | 1,759         | 751           | 3,167            | 1,305                  | 41%                                | 8,964                    | 2.83                  |
| McKay              | 6,916          | 1,003         | 439           | 2,909            | 825                    | 28%                                | 6,690                    | 2.30                  |
| McKinley           | 13,193         | 1,605         | 949           | 6,019            | 1,544                  | 26%                                | 13,007                   | 2.16                  |
| Montclair          | 6,415          | 782           | 390           | 2,917            | 714                    | 24%                                | 6,301                    | 2.16                  |
| Nancy Ryles        | 9,838          | 1,527         | 542           | 4,416            | 1,256                  | 28%                                | 9,831                    | 2.23                  |
| Oak Hills          | 7,696          | 1,457         | 548           | 3,032            | 1,110                  | 37%                                | 7,682                    | 2.53                  |
| Raleigh Hills      | 8,728          | 1,241         | 479           | 4,064            | 967                    | 24%                                | 8,633                    | 2.12                  |
| Raleigh Park       | 7,359          | 1,158         | 454           | 3,155            | 919                    | 29%                                | 7,317                    | 2.32                  |
| Ridgewood          | 6,420          | 983           | 346           | 2,787            | 740                    | 27%                                | 6,384                    | 2.29                  |
| Rock Creek         | 5,263          | 1,017         | 384           | 2,078            | 761                    | 37%                                | 5,263                    | 2.53                  |
| Scholls Heights    | 6,669          | 1,734         | 471           | 2,220            | 1,174                  | 53%                                | 6,669                    | 3.00                  |
| Sexton Mountain    | 7,822          | 1,561         | 489           | 2,946            | 1,131                  | 38%                                | 7,805                    | 2.65                  |
| Springville K-8    | 6,958          | 1,552         | 576           | 2,570            | 1,161                  | 45%                                | 6,958                    | 2.71                  |
| Terra Linda        | 4,941          | 938           | 294           | 1,959            | 666                    | 34%                                | 4,926                    | 2.51                  |
| Vose               | 9,029          | 1,411         | 819           | 3,494            | 1,156                  | 33%                                | 8,931                    | 2.56                  |
| West Tualatin View | 8,455          | 985           | 363           | 4,025            | 806                    | 20%                                | 8,334                    | 2.07                  |
| Wm. Walker         | 7,969          | 1,299         | 675           | 3,128            | 1,077                  | 34%                                | 7,963                    | 2.55                  |
| <b>BSD Total</b>   | <b>253,198</b> | <b>44,910</b> | <b>18,090</b> | <b>100,138</b>   | <b>34,671</b>          | <b>35%</b>                         | <b>251,362</b>           | <b>2.51</b>           |

Source: 2010 Census, Summary File 1, census block data aggregated to approximate BSD attendance areas by PSU, Population Research Center.

**Table A2**  
**Beaverton School District**  
**Housing Units by Elementary Area, 2010 Census**

| Elementary Area    | Housing Units       |                |              |              |                |                 |                        |
|--------------------|---------------------|----------------|--------------|--------------|----------------|-----------------|------------------------|
|                    | Total Housing Units | Occupied       | Vacant       | Vacancy Rate | Owner Occupied | Renter Occupied | Percent Owner Occupied |
| Aloha Huber K-8    | 3,279               | 3,061          | 218          | 6.6%         | 1,081          | 1,980           | 35%                    |
| Barnes             | 4,670               | 4,432          | 238          | 5.1%         | 1,752          | 2,680           | 40%                    |
| Beaver Acres       | 3,494               | 3,282          | 212          | 6.1%         | 1,990          | 1,292           | 61%                    |
| Bethany            | 2,290               | 2,221          | 69           | 3.0%         | 1,780          | 441             | 80%                    |
| Bonny Slope        | 2,525               | 2,272          | 253          | 10.0%        | 1,764          | 508             | 78%                    |
| Cedar Mill         | 2,218               | 1,940          | 278          | 12.5%        | 1,324          | 616             | 68%                    |
| Chehalem           | 3,971               | 3,789          | 182          | 4.6%         | 2,188          | 1,601           | 58%                    |
| Cooper Mountain    | 2,369               | 2,316          | 53           | 2.2%         | 2,092          | 224             | 90%                    |
| Elmonica           | 4,023               | 3,825          | 198          | 4.9%         | 1,895          | 1,930           | 50%                    |
| Errol Hassell      | 2,367               | 2,288          | 79           | 3.3%         | 1,849          | 439             | 81%                    |
| Findley            | 1,646               | 1,614          | 32           | 1.9%         | 1,510          | 104             | 94%                    |
| Fir Grove          | 2,769               | 2,648          | 121          | 4.4%         | 1,702          | 946             | 64%                    |
| Greenway           | 3,267               | 3,051          | 216          | 6.6%         | 1,233          | 1,818           | 40%                    |
| Hazeldale          | 2,391               | 2,291          | 100          | 4.2%         | 1,815          | 476             | 79%                    |
| Hiteon             | 4,338               | 4,109          | 229          | 5.3%         | 2,543          | 1,566           | 62%                    |
| Jacob Wismer       | 2,228               | 2,113          | 115          | 5.2%         | 1,662          | 451             | 79%                    |
| Kinnaman           | 3,325               | 3,167          | 158          | 4.8%         | 1,962          | 1,205           | 62%                    |
| McKay              | 3,086               | 2,909          | 177          | 5.7%         | 1,447          | 1,462           | 50%                    |
| McKinley           | 6,673               | 6,019          | 654          | 9.8%         | 1,430          | 4,589           | 24%                    |
| Montclair          | 3,070               | 2,917          | 153          | 5.0%         | 1,625          | 1,292           | 56%                    |
| Nancy Ryles        | 4,679               | 4,416          | 263          | 5.6%         | 2,321          | 2,095           | 53%                    |
| Oak Hills          | 3,170               | 3,032          | 138          | 4.4%         | 1,952          | 1,080           | 64%                    |
| Raleigh Hills      | 4,291               | 4,064          | 227          | 5.3%         | 2,031          | 2,033           | 50%                    |
| Raleigh Park       | 3,325               | 3,155          | 170          | 5.1%         | 1,601          | 1,554           | 51%                    |
| Ridgewood          | 2,941               | 2,787          | 154          | 5.2%         | 1,794          | 993             | 64%                    |
| Rock Creek         | 2,201               | 2,078          | 123          | 5.6%         | 1,329          | 749             | 64%                    |
| Scholls Heights    | 2,293               | 2,220          | 73           | 3.2%         | 1,641          | 579             | 74%                    |
| Sexton Mountain    | 3,073               | 2,946          | 127          | 4.1%         | 2,360          | 586             | 80%                    |
| Springville K-8    | 2,826               | 2,570          | 256          | 9.1%         | 1,521          | 1,049           | 59%                    |
| Terra Linda        | 2,058               | 1,959          | 99           | 4.8%         | 1,363          | 596             | 70%                    |
| Vose               | 3,731               | 3,494          | 237          | 6.4%         | 1,538          | 1,956           | 44%                    |
| West Tualatin View | 4,339               | 4,025          | 314          | 7.2%         | 2,262          | 1,763           | 56%                    |
| Wm. Walker         | 3,299               | 3,128          | 171          | 5.2%         | 1,339          | 1,789           | 43%                    |
| <b>BSD Total</b>   | <b>106,225</b>      | <b>100,138</b> | <b>6,087</b> | <b>5.7%</b>  | <b>57,696</b>  | <b>42,442</b>   | <b>58%</b>             |

*Source: 2010 Census, Summary File 1, census block data aggregated to approximate BSD attendance areas by PSU, Population Research Center.*

## 2000 and 2010 Census Profile Beaverton School District

Approximation based on census blocks

| POPULATION             | 2000    |        | 2010    |        | Change |        |
|------------------------|---------|--------|---------|--------|--------|--------|
| <b>SEX AND AGE</b>     |         |        |         |        |        |        |
| Total population       | 214,592 | 100.0% | 253,198 | 100.0% | 38,606 | 18.0%  |
| Under 5 years          | 16,362  | 7.6%   | 18,090  | 7.1%   | 1,728  | 10.6%  |
| 5 to 9 years           | 16,091  | 7.5%   | 17,848  | 7.0%   | 1,757  | 10.9%  |
| 10 to 14 years         | 14,820  | 6.9%   | 16,892  | 6.7%   | 2,072  | 14.0%  |
| 15 to 19 years         | 13,552  | 6.3%   | 15,560  | 6.1%   | 2,008  | 14.8%  |
| 20 to 24 years         | 15,119  | 7.0%   | 15,434  | 6.1%   | 315    | 2.1%   |
| 25 to 29 years         | 19,043  | 8.9%   | 21,027  | 8.3%   | 1,984  | 10.4%  |
| 30 to 34 years         | 18,842  | 8.8%   | 20,415  | 8.1%   | 1,573  | 8.3%   |
| 35 to 39 years         | 18,647  | 8.7%   | 20,176  | 8.0%   | 1,529  | 8.2%   |
| 40 to 44 years         | 18,376  | 8.6%   | 18,916  | 7.5%   | 540    | 2.9%   |
| 45 to 49 years         | 16,690  | 7.8%   | 18,466  | 7.3%   | 1,776  | 10.6%  |
| 50 to 54 years         | 13,684  | 6.4%   | 17,274  | 6.8%   | 3,590  | 26.2%  |
| 55 to 59 years         | 9,082   | 4.2%   | 15,558  | 6.1%   | 6,476  | 71.3%  |
| 60 to 64 years         | 6,151   | 2.9%   | 12,313  | 4.9%   | 6,162  | 100.2% |
| 65 to 69 years         | 4,872   | 2.3%   | 8,078   | 3.2%   | 3,206  | 65.8%  |
| 70 to 74 years         | 4,302   | 2.0%   | 5,394   | 2.1%   | 1,092  | 25.4%  |
| 75 to 79 years         | 3,995   | 1.9%   | 4,122   | 1.6%   | 127    | 3.2%   |
| 80 to 84 years         | 2,643   | 1.2%   | 3,523   | 1.4%   | 880    | 33.3%  |
| 85 years and over      | 2,321   | 1.1%   | 4,112   | 1.6%   | 1,791  | 77.2%  |
| Median age (years)     | 33.3    |        | 35.3    |        | 2.0    |        |
| Under 18 years         | 55,854  | 26.0%  | 63,000  | 24.9%  | 7,146  | 12.8%  |
| 18 to 64 years         | 140,605 | 65.5%  | 164,969 | 65.2%  | 24,364 | 17.3%  |
| 65 years and over      | 18,133  | 8.4%   | 25,229  | 10.0%  | 7,096  | 39.1%  |
| <b>Male population</b> |         |        |         |        |        |        |
| Male population        | 106,377 | 100.0% | 123,745 | 100.0% | 17,368 | 16.3%  |
| Under 5 years          | 8,325   | 7.8%   | 9,227   | 7.5%   | 902    | 10.8%  |
| 5 to 9 years           | 8,184   | 7.7%   | 9,058   | 7.3%   | 874    | 10.7%  |
| 10 to 14 years         | 7,663   | 7.2%   | 8,672   | 7.0%   | 1,009  | 13.2%  |
| 15 to 19 years         | 7,039   | 6.6%   | 7,915   | 6.4%   | 876    | 12.4%  |
| 20 to 24 years         | 7,607   | 7.2%   | 7,612   | 6.2%   | 5      | 0.1%   |
| 25 to 29 years         | 9,909   | 9.3%   | 10,372  | 8.4%   | 463    | 4.7%   |
| 30 to 34 years         | 9,805   | 9.2%   | 10,248  | 8.3%   | 443    | 4.5%   |
| 35 to 39 years         | 9,427   | 8.9%   | 10,092  | 8.2%   | 665    | 7.1%   |
| 40 to 44 years         | 9,065   | 8.5%   | 9,563   | 7.7%   | 498    | 5.5%   |
| 45 to 49 years         | 8,267   | 7.8%   | 9,030   | 7.3%   | 763    | 9.2%   |
| 50 to 54 years         | 6,584   | 6.2%   | 8,400   | 6.8%   | 1,816  | 27.6%  |
| 55 to 59 years         | 4,385   | 4.1%   | 7,397   | 6.0%   | 3,012  | 68.7%  |
| 60 to 64 years         | 2,852   | 2.7%   | 5,661   | 4.6%   | 2,809  | 98.5%  |
| 65 to 69 years         | 2,277   | 2.1%   | 3,755   | 3.0%   | 1,478  | 64.9%  |
| 70 to 74 years         | 1,856   | 1.7%   | 2,358   | 1.9%   | 502    | 27.0%  |
| 75 to 79 years         | 1,529   | 1.4%   | 1,739   | 1.4%   | 210    | 13.7%  |
| 80 to 84 years         | 957     | 0.9%   | 1,357   | 1.1%   | 400    | 41.8%  |
| 85 years and over      | 646     | 0.6%   | 1,289   | 1.0%   | 643    | 99.5%  |

Sources: U.S. Census Bureau, 2010 Census, Summary File 1; 2000 Census, Summary File 1.

Tabulated by Population Research Center, Portland State University.

[www.pdx.edu/prc](http://www.pdx.edu/prc)

## 2000 and 2010 Census Profile Beaverton School District

Approximation based on census blocks

| POPULATION (continued)      | 2000    |        | 2010    |        | Change |        |
|-----------------------------|---------|--------|---------|--------|--------|--------|
| Male population (continued) |         |        |         |        |        |        |
| Median age (years)          | 32.3    |        | 34.4    |        | 2.1    |        |
| Under 18 years              | 28,608  | 26.9%  | 32,133  | 26.0%  | 3,525  | 12.3%  |
| 18 to 64 years              | 70,504  | 66.3%  | 81,114  | 65.5%  | 10,610 | 15.0%  |
| 65 years and over           | 7,265   | 6.8%   | 10,498  | 8.5%   | 3,233  | 44.5%  |
| Female population           | 108,215 | 100.0% | 129,453 | 100.0% | 21,238 | 19.6%  |
| Under 5 years               | 8,037   | 7.4%   | 8,863   | 6.8%   | 826    | 10.3%  |
| 5 to 9 years                | 7,907   | 7.3%   | 8,790   | 6.8%   | 883    | 11.2%  |
| 10 to 14 years              | 7,157   | 6.6%   | 8,220   | 6.3%   | 1,063  | 14.9%  |
| 15 to 19 years              | 6,513   | 6.0%   | 7,645   | 5.9%   | 1,132  | 17.4%  |
| 20 to 24 years              | 7,512   | 6.9%   | 7,822   | 6.0%   | 310    | 4.1%   |
| 25 to 29 years              | 9,134   | 8.4%   | 10,655  | 8.2%   | 1,521  | 16.7%  |
| 30 to 34 years              | 9,037   | 8.4%   | 10,167  | 7.9%   | 1,130  | 12.5%  |
| 35 to 39 years              | 9,220   | 8.5%   | 10,084  | 7.8%   | 864    | 9.4%   |
| 40 to 44 years              | 9,311   | 8.6%   | 9,353   | 7.2%   | 42     | 0.5%   |
| 45 to 49 years              | 8,423   | 7.8%   | 9,436   | 7.3%   | 1,013  | 12.0%  |
| 50 to 54 years              | 7,100   | 6.6%   | 8,874   | 6.9%   | 1,774  | 25.0%  |
| 55 to 59 years              | 4,697   | 4.3%   | 8,161   | 6.3%   | 3,464  | 73.7%  |
| 60 to 64 years              | 3,299   | 3.0%   | 6,652   | 5.1%   | 3,353  | 101.6% |
| 65 to 69 years              | 2,595   | 2.4%   | 4,323   | 3.3%   | 1,728  | 66.6%  |
| 70 to 74 years              | 2,446   | 2.3%   | 3,036   | 2.3%   | 590    | 24.1%  |
| 75 to 79 years              | 2,466   | 2.3%   | 2,383   | 1.8%   | -83    | -3.4%  |
| 80 to 84 years              | 1,686   | 1.6%   | 2,166   | 1.7%   | 480    | 28.5%  |
| 85 years and over           | 1,675   | 1.5%   | 2,823   | 2.2%   | 1,148  | 68.5%  |
| Median age (years)          | 34.3    |        | 36.3    |        | 2.0    |        |
| Under 18 years              | 27,246  | 25.2%  | 30,867  | 23.8%  | 3,621  | 13.3%  |
| 18 to 64 years              | 70,101  | 64.8%  | 83,855  | 64.8%  | 13,754 | 19.6%  |
| 65 years and over           | 10,868  | 10.0%  | 14,731  | 11.4%  | 3,863  | 35.5%  |

### AREA AND DENSITY

|                                |        |        |     |       |
|--------------------------------|--------|--------|-----|-------|
| Land Area - Acres <sup>1</sup> | 35,145 | 35,764 |     |       |
| Persons per acre               | 6.1    | 7.1    | 1.0 | 15.9% |
| Persons per square mile        | 3,908  | 4,531  | 623 | 15.9% |

### RACE

|  |         |        |         |        |        |       |
|--|---------|--------|---------|--------|--------|-------|
| Total population                                 | 214,592 | 100.0% | 253,198 | 100.0% | 38,606 | 18.0% |
| White alone                                      | 172,710 | 80.5%  | 186,972 | 73.8%  | 14,262 | 8.3%  |
| Black or African American alone                  | 3,183   | 1.5%   | 5,597   | 2.2%   | 2,414  | 75.8% |
| American Indian and Alaska Native alone          | 1,258   | 0.6%   | 1,515   | 0.6%   | 257    | 20.4% |
| Asian alone                                      | 20,115  | 9.4%   | 30,051  | 11.9%  | 9,936  | 49.4% |
| Native Hawaiian and Other Pacific Islander alone | 658     | 0.3%   | 1,013   | 0.4%   | 355    | 54.0% |
| Some Other Race alone                            | 9,349   | 4.4%   | 16,492  | 6.5%   | 7,143  | 76.4% |
| Two or More Races                                | 7,319   | 3.4%   | 11,558  | 4.6%   | 4,239  | 57.9% |

Sources: U.S. Census Bureau, 2010 Census, Summary File 1; 2000 Census, Summary File 1.

Tabulated by Population Research Center, Portland State University.

[www.pdx.edu/prc](http://www.pdx.edu/prc)

## 2000 and 2010 Census Profile Beaverton School District

Approximation based on census blocks

| POPULATION (continued)   | 2000    |        | 2010    |        | Change |       |
|--|---------|--------|---------|--------|--------|-------|
| <b>RACE (continued)</b>  |         |        |         |        |        |       |
| Race alone or in combination with one or more other races <sup>2</sup> |         |        |         |        |        |       |
| White  | 179,014 | 83.4%  | 197,277 | 77.9%  | 18,263 | 10.2% |
| Black or African American  | 4,435   | 2.1%   | 8,169   | 3.2%   | 3,734  | 84.2% |
| American Indian and Alaska Native                                      | 2,805   | 1.3%   | 3,996   | 1.6%   | 1,191  | 42.5% |
| Asian  | 23,244  | 10.8%  | 35,696  | 14.1%  | 12,452 | 53.6% |
| Native Hawaiian and Other Pacific Islander                             | 1,487   | 0.7%   | 2,280   | 0.9%   | 793    | 53.3% |
| Some Other Race  | 11,603  | 5.4%   | 18,583  | 7.3%   | 6,980  | 60.2% |
| <b>HISPANIC OR LATINO AND RACE</b>                                     |         |        |         |        |        |       |
| Total population   | 214,592 | 100.0% | 253,198 | 100.0% | 38,606 | 18.0% |
| Hispanic or Latino   | 18,838  | 8.8%   | 33,537  | 13.2%  | 14,699 | 78.0% |
| Not Hispanic or Latino   | 195,754 | 91.2%  | 219,661 | 86.8%  | 23,907 | 12.2% |
| White alone  | 164,760 | 76.8%  | 172,950 | 68.3%  | 8,190  | 5.0%  |
| Black or African American alone  | 3,021   | 1.4%   | 5,293   | 2.1%   | 2,272  | 75.2% |
| American Indian and Alaska Native alone                                | 1,018   | 0.5%   | 1,064   | 0.4%   | 46     | 4.5%  |
| Asian alone  | 20,022  | 9.3%   | 29,869  | 11.8%  | 9,847  | 49.2% |
| Native Hawaiian and Other Pacific Islander alone                       | 620     | 0.3%   | 941     | 0.4%   | 321    | 51.8% |
| Some Other Race alone  | 372     | 0.2%   | 519     | 0.2%   | 147    | 39.5% |
| Two or More Races  | 5,941   | 2.8%   | 9,025   | 3.6%   | 3,084  | 51.9% |
| <b>RELATIONSHIP</b>  |         |        |         |        |        |       |
| Total population   | 214,592 | 100.0% | 253,198 | 100.0% | 38,606 | 18.0% |
| In households  | 213,359 | 99.4%  | 251,362 | 99.3%  | 38,003 | 17.8% |
| In family households   | 173,939 | 81.1%  | 204,167 | 80.6%  | 30,228 | 17.4% |
| Householder  | 54,959  | 25.6%  | 64,222  | 25.4%  | 9,263  | 16.9% |
| Spouse <sup>3</sup>  | 43,858  | 20.4%  | 49,711  | 19.6%  | 5,853  | 13.3% |
| Child  | 61,985  | 28.9%  | 72,850  | 28.8%  | 10,865 | 17.5% |
| Own child under 18 years   | 52,669  | 24.5%  | 58,719  | 23.2%  | 6,050  | 11.5% |
| Other relatives  | 8,396   | 3.9%   | 11,276  | 4.5%   | 2,880  | 34.3% |
| Nonrelatives   | 4,741   | 2.2%   | 6,108   | 2.4%   | 1,367  | 28.8% |
| In nonfamily households  | 39,420  | 18.4%  | 47,195  | 18.6%  | 7,775  | 19.7% |
| Householder  | 29,882  | 13.9%  | 35,916  | 14.2%  | 6,034  | 20.2% |
| Nonrelatives   | 9,538   | 4.4%   | 11,279  | 4.5%   | 1,741  | 18.3% |
| Population under 18 in households                                      | 55,763  | 99.8%  | 62,822  | 99.7%  | 7,059  | 12.7% |
| Population 18 to 64 in households                                      | 140,249 | 99.7%  | 164,415 | 99.7%  | 24,166 | 17.2% |
| Population 65 and over in households                                   | 17,347  | 95.7%  | 24,125  | 95.6%  | 6,778  | 39.1% |
| In group quarters  | 1,233   | 0.6%   | 1,836   | 0.7%   | 603    | 48.9% |

Sources: U.S. Census Bureau, 2010 Census, Summary File 1; 2000 Census, Summary File 1.  
Tabulated by Population Research Center, Portland State University.

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## 2000 and 2010 Census Profile Beaverton School District

Approximation based on census blocks

| POPULATION (continued)                        | 2000   |        | 2010    |        | Change |        |
|---|--------|--------|---------|--------|--------|--------|
| <b>GROUP QUARTERS</b>                         |        |        |         |        |        |        |
| Total group quarters population               | 1,233  | 100.0% | 1,836   | 100.0% | 603    | 48.9%  |
| Institutionalized population                  | 321    | 26.0%  | 685     | 37.3%  | 364    | 113.4% |
| Male  | 114    | 9.2%   | 238     | 13.0%  | 124    | 108.8% |
| Female  | 207    | 16.8%  | 447     | 24.3%  | 240    | 115.9% |
| Noninstitutionalized population               | 912    | 74.0%  | 1,151   | 62.7%  | 239    | 26.2%  |
| Male  | 242    | 19.6%  | 428     | 23.3%  | 186    | 76.9%  |
| Female  | 670    | 54.3%  | 723     | 39.4%  | 53     | 7.9%   |
| Population under 18 in group quarters         | 91     | 0.2%   | 178     | 0.3%   | 87     | 95.6%  |
| Population 18 to 64 in group quarters         | 356    | 0.3%   | 554     | 0.3%   | 198    | 55.6%  |
| Population 65 and over in group quarters      | 786    | 4.3%   | 1,104   | 4.4%   | 318    | 40.5%  |
| <b>HOUSEHOLDS</b>                             |        |        |         |        |        |        |
| Total households                              | 84,841 | 100.0% | 100,138 | 100.0% | 15,297 | 18.0%  |
| Family households (families) <sup>4</sup>     | 54,959 | 64.8%  | 64,222  | 64.1%  | 9,263  | 16.9%  |
| With own children under 18 years              | 29,220 | 34.4%  | 32,734  | 32.7%  | 3,514  | 12.0%  |
| Husband-wife family                           | 43,858 | 51.7%  | 49,711  | 49.6%  | 5,853  | 13.3%  |
| With own children under 18 years              | 22,334 | 26.3%  | 24,216  | 24.2%  | 1,882  | 8.4%   |
| Male householder, no wife present             | 3,221  | 3.8%   | 4,278   | 4.3%   | 1,057  | 32.8%  |
| With own children under 18 years              | 1,723  | 2.0%   | 2,259   | 2.3%   | 536    | 31.1%  |
| Female householder, no husband present        | 7,880  | 9.3%   | 10,233  | 10.2%  | 2,353  | 29.9%  |
| With own children under 18 years              | 5,163  | 6.1%   | 6,259   | 6.3%   | 1,096  | 21.2%  |
| Nonfamily households <sup>4</sup>             | 29,882 | 35.2%  | 35,916  | 35.9%  | 6,034  | 20.2%  |
| Householder living alone                      | 22,426 | 26.4%  | 26,965  | 26.9%  | 4,539  | 20.2%  |
| Male  | 10,153 | 12.0%  | 11,556  | 11.5%  | 1,403  | 13.8%  |
| 65 years and over                             | 1,045  | 1.2%   | 1,778   | 1.8%   | 733    | 70.1%  |
| Female  | 12,273 | 14.5%  | 15,409  | 15.4%  | 3,136  | 25.6%  |
| 65 years and over                             | 3,975  | 4.7%   | 5,489   | 5.5%   | 1,514  | 38.1%  |
| Households with individuals under 18 years    | 30,695 | 36.2%  | 34,671  | 34.6%  | 3,976  | 13.0%  |
| Households with individuals 65 years and over | 12,808 | 15.1%  | 18,231  | 18.2%  | 5,423  | 42.3%  |
| Average household size                        | 2.51   |        | 2.51    |        | 0.00   | -0.2%  |
| Average family size <sup>4</sup>              | 3.08   |        | 3.08    |        | 0.01   | 0.2%   |

Sources: U.S. Census Bureau, 2010 Census, Summary File 1; 2000 Census, Summary File 1.  
Tabulated by Population Research Center, Portland State University.

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## 2000 and 2010 Census Profile Beaverton School District

Approximation based on census blocks

| HOUSING UNITS                                   | 2000    |        | 2010    |        | Change |         |
|---|---------|--------|---------|--------|--------|---------|
|   |         |        |         |        |        |         |
| Total housing units                             | 89,483  | 100.0% | 106,225 | 100.0% | 16,742 | 18.7%   |
| Occupied housing units                          | 84,841  | 94.8%  | 100,138 | 94.3%  | 15,297 | 18.0%   |
| Owner occupied <sup>5</sup>                     | 48,050  | 56.6%  | 57,696  | 57.6%  | 9,646  | 20.1%   |
| Owned with a mortgage or a loan                 | N/A     |        | 46,906  | 81.3%  |        |         |
| Owned free and clear                            | N/A     |        | 10,790  | 18.7%  |        |         |
| Renter occupied                                 | 36,791  | 43.4%  | 42,442  | 42.4%  | 5,651  | 15.4%   |
| Vacant housing units <sup>6</sup>               | 4,642   | 5.2%   | 6,087   | 5.7%   | 1,445  | 31.1%   |
| For rent  | 2,506   | 54.0%  | 3,247   | 53.3%  | 741    | 29.6%   |
| For sale only                                   | 1,027   | 22.1%  | 1,256   | 20.6%  | 229    | 22.3%   |
| Rented or sold, not occupied                    | 385     | 8.3%   | 387     | 6.4%   | 2      | 0.5%    |
| For seasonal, recreational, or occasional use   | 280     | 6.0%   | 452     | 7.4%   | 172    | 61.4%   |
| For migrant workers                             | 1       | 0.0%   | 0       | 0.0%   | -1     | -100.0% |
| All other vacants                               | 443     | 9.5%   | 745     | 12.2%  | 302    | 68.2%   |
|   |         |        |         |        |        |         |
| Owner-occupied housing units                    | 48,050  | 56.6%  | 57,696  | 57.6%  | 9,646  | 20.1%   |
| Population in owner-occupied housing units      | 129,949 |        | 152,366 |        | 22,417 | 17.3%   |
| Average household size of owner-occupied units  | 2.70    |        | 2.64    |        | -0.06  | -2.2%   |
| Renter-occupied housing units                   | 36,791  | 43.4%  | 42,442  | 42.4%  | 5,651  | 15.4%   |
| Population in renter-occupied housing units     | 83,410  |        | 98,996  |        | 15,586 | 18.7%   |
| Average household size of renter-occupied units | 2.27    |        | 2.33    |        | 0.06   | 2.6%    |

1. Land area of the census blocks that approximate the area. The same boundaries were used for both 2000 and 2010; any differences in land area between 2000 and 2010 reflect changes to census block geography.
2. In combination with one or more of the other races listed. The six numbers may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may report more than one race.
3. "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."
4. "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples unless there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.
5. Percentage distribution of ownership categories ("owned with a mortgage or a loan" and "owned free and clear") adds to 100 percent.
6. Percentage distribution of vacancy categories ("for rent," etc.) adds to 100 percent.

Sources: U.S. Census Bureau, 2010 Census, Summary File 1; 2000 Census, Summary File 1.  
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