PORTLAND PUBLIC SCHOOLS

ENROLLMENT FORECASTS

2016-17 to 2030-31

Based on October 2015 Enrollments

Portland State UNIVERSITY

Population Research Center

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EXECUTIVE SUMMARY

This report presents the results of a demographic study conducted by the Portland State University Population Research Center (PRC) for Portland Public Schools (PPS). The study includes analysis of population, housing and enrollment trends affecting the District in recent years, estimates of the number of PPS students by housing type, and annual forecasts of enrollment for a 15 year horizon, from 2016-17 to 2030-31. Enrollment forecasts were prepared under high, medium, and low scenarios for the District. Forecasts for attendance areas by place of residence and for individual schools are consistent with the medium district-wide forecast.

Population and Housing Trends

- Between 2000 and 2010, population within the PPS grew by about 34,000, from 426,110 persons to 460,248.

- About half of the District's growth in the 2000s was due to net in-migration; about 17,000 more people moved into the District than moved out of it. At the current rate, net migration in the 2010s will outpace the 2000s.

- The young adult population age 20 to 34 grew by about 14,000 (12 percent) between 2000 and 2010, but annual births to District residents changed very little during the decade, as fertility rates fell among women under age 30.

- After falling to under 400 annually during the recession and slow recovery of 2009 to 2011, the number of single family homes permitted within PPS exceeded 800 each year in 2014 and 2015, similar to the annual totals during 2002 to 2007.

- More than 4,000 multiple family housing units were permitted within PPS each year in 2014 and 2015, more than in any other year in recent decades. The 4,738 units permitted in 2015 mark the sixth consecutive year-over-year increase.

Enrollment Trends

- In fall 2015, Portland Public Schools (PPS) enrolled 48,152 students in grades K-12, an increase of 573 students from fall 2014.

- For the five year period between 2010-11 and 2015-16, PPS K-12 enrollment grew by 2,411 students, or five percent.

- Since reaching a low in 2006-07, elementary (K-5th) grades have added 3,376 students (16 percent); fall 2015 district-wide K-5th grade enrollment of 24,607 was the largest since 1999-2000.

- Since reaching a low in 2009-10, middle (6th-8th) grades have added 922 students (nine percent); fall 2015 district-wide 6th-8th grade enrollment of 10,303 was the largest since 2003-04, and the gain of 376 students between fall 2014 and fall 2015 was the largest among six consecutive years of growth.

- In the most recent two years, enrollment in high school grades (9th-12th) has also rebounded. Grades 9-12 reached a low of 12,584 in fall 2013, but added 214 students by fall 2015. There were 12,798 PPS students enrolled in grades 9-12 in fall 2015.

- The largest growth in K-12 PPS residents among the District's high school clusters between 2010-11 and 2015-16 occurred at Lincoln (16 percent), Cleveland (nine percent), Grant (eight percent), and Wilson (seven percent).

- The number of K-5th grade residents increased in all clusters over the five year period, led by gains of 312 students in the Wilson HSCL and 267 students in the Jefferson HSCL.

Housing and Enrollment

- The average number of PPS K-12 students per housing unit ranges from 0.06 per condominium unit to 0.36 in the newest single family homes, those built since 2000.

- The average number of PPS K-12 students per home is 0.42 in homes built since 2000 on lots larger than 2,750 square feet, compared with 0.24 students per home in attached homes or homes on smaller lots.

- There were about 1,200 income restricted multiple family units built between 2010 and 2014; they were home to about 300 PPS K-12 students. Only 127 PPS K-12 students reside in the nearly 4,700 market rate multiple family units built between 2010 and 2014, about one student for every 40 units.

Enrollment Forecasts

For the district-wide forecast, three scenarios of population and enrollment changes were developed: a most-likely, or medium, growth scenario; a scenario for lower growth; and a higher growth scenario. All three of the growth scenarios for the PPS district-wide enrollment forecasts use similar mortality, fertility, and kindergarten and first grade "capture" rates during the 15 year horizon. The differences between the three scenarios are primarily due to different assumptions about the levels of net migration (the net movement into and out of the District) of the District's population.

- In the medium scenario, K-12 enrollment increases by an average of more than 400 students annually over the 15 year forecast horizon, reaching 54,383 in 2030-31.

- Elementary growth is slow during the first several years of the medium scenario forecast, as incoming kindergarten classes remain close to or slightly below recent levels due to the local, state, and national birth downturn.

- Middle school and high school grades enrollments grow initially under the medium scenario, reflecting the larger cohorts attributable to the elementary growth that began in 2007.

- In the low scenario, K-12 enrollment growth averages about 240 students annually, reaching 51,724 in 2030-31.

- Elementary enrollment declines during the first five years of the low scenario forecast; secondary enrollments increase due to the larger elementary cohorts already enrolled in PPS in fall 2015.

- In the high scenario, K-12 enrollment growth averages about 560 students annually, reaching 56,600 in 2030-31.

- Growth in K-12 enrollment under the high scenario is sustained at a level equal to or higher than the most recent five years since 2010-11, although there is less growth in elementary grades and more growth in secondary grades compared with the 2010-11 to 2015-16 period.

Table 1 contains recent and forecast enrollments by five year intervals. Following the table, Chart 1 depicts annual K-12 enrollment since 2005-06 and forecasts through 2030-31. The same time span is depicted in charts for K-5th grade (Chart 2), 6th-8th grade (Chart 3), and 9th-12th grade (Chart 4).

Appendix A contains annual district-wide enrollment forecasts by individual grade for each of the three scenarios. Appendix B contains forecasts of residents by high school cluster and school attendance areas, and Appendix C contains forecasts of students attending individual schools. All of the attendance area and school forecasts in Appendices B and C are consistent with the district-wide medium growth scenario.

Table 1
PPS District-wide K-12 Enrollment Forecasts

	Historic		Forecast		
	2010-11	**2015-16**	**2020-21**	**2025-26**	**2030-31**
Medium Growth Scenario	45,741	48,152	50,919	52,729	54,383
5 year change		*2,411*	*2,767*	*1,810*	*1,654*
Low Growth Scenario	45,741	48,152	49,895	50,777	51,724
5 year change		*2,411*	*1,743*	*882*	*947*
High Growth Scenario	45,741	48,152	51,853	54,399	56,600
5 year change		*2,411*	*3,701*	*2,546*	*2,201*

Note: Includes K-12; does not include pre-kindergarten.

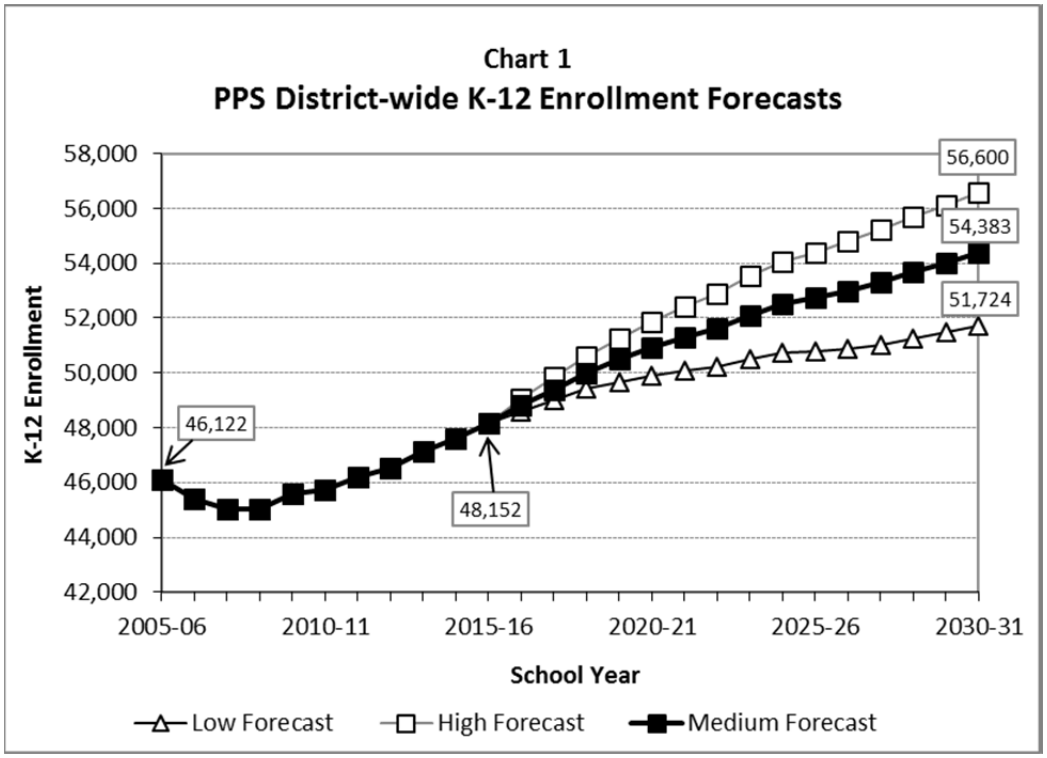


Chart 1
PPS District-wide K-12 Enrollment Forecasts
58,000
56,000
54,000
52,000
50,000
48,000
46,000
44,000
42,000
K-12 Enrollment
56,600
54,383
51,724
46,122
48,152
2005-06
2010-11
2015-16
2020-21
2025-26
2030-31
School Year
Low Forecast
High Forecast
Medium Forecast

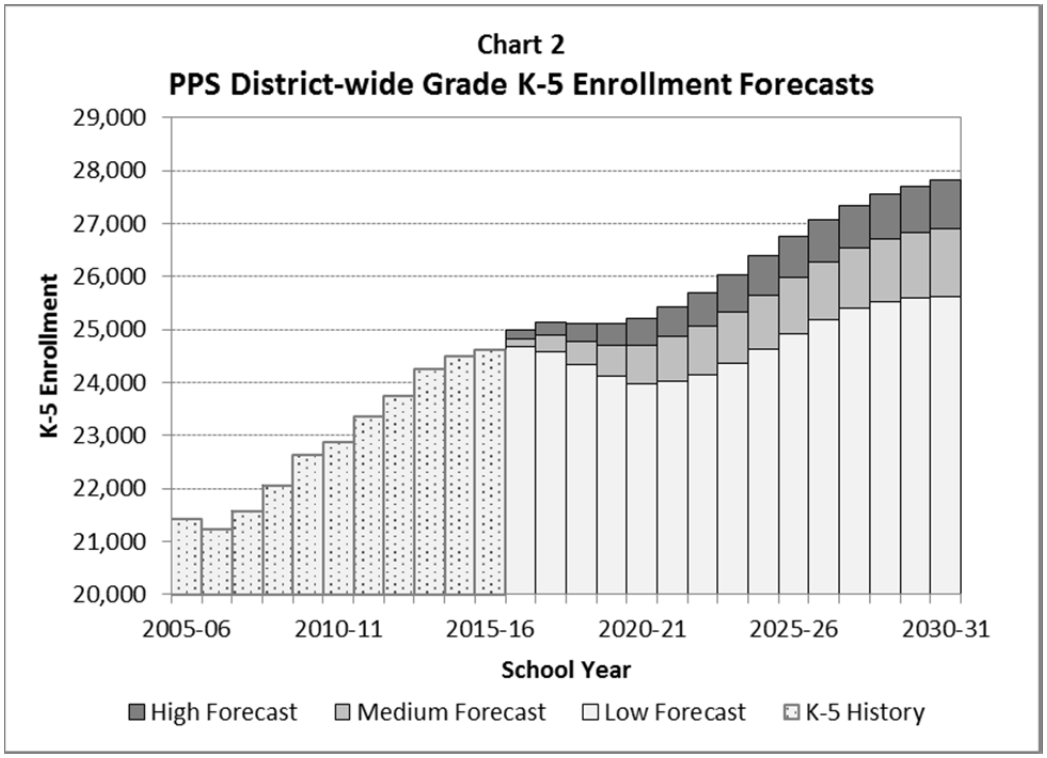


Chart 2
PPS District-wide Grade K-5 Enrollment Forecasts
29,000
28,000
27,000
26,000
25,000
24,000
23,000
22,000
21,000
20,000
K-5 Enrollment
2005-06
2010-11
2015-16
2020-21
2025-26
2030-31
School Year
High Forecast
Medium Forecast
Low Forecast
K-5 History

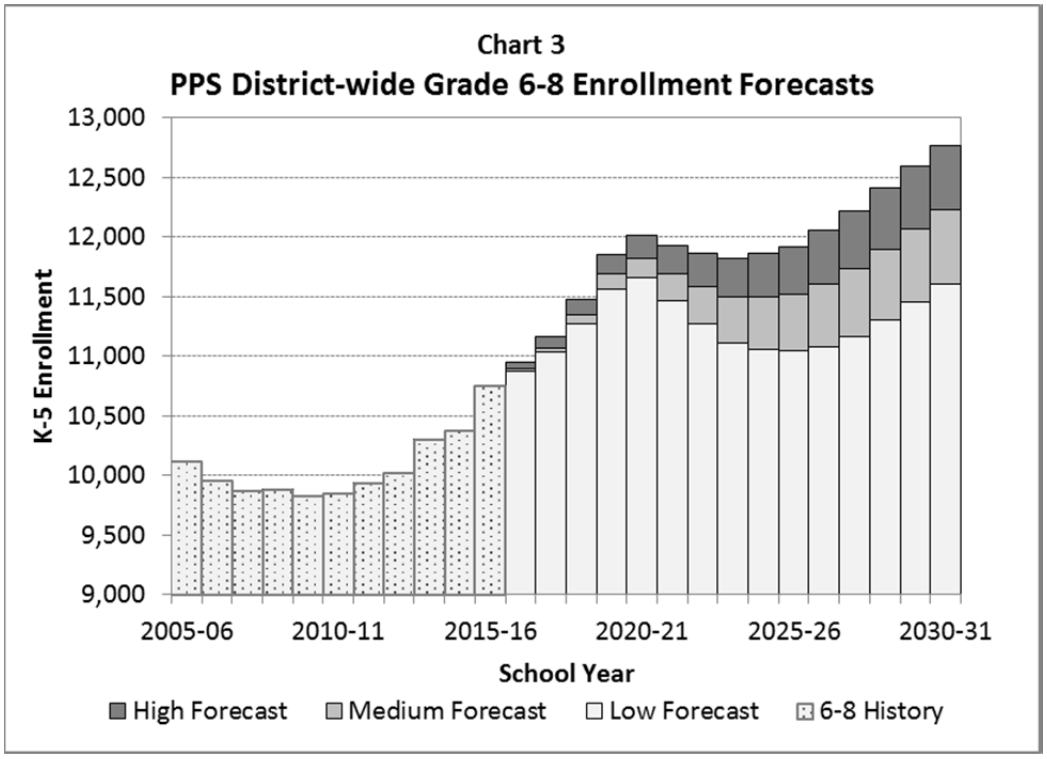


Chart 3
PPS District-wide Grade 6-8 Enrollment Forecasts
13,000
12,500
12,000
11,500
11,000
10,500
10,000
9,500
9,000
K-5 Enrollment
2005-06
2010-11
2015-16
2020-21
2025-26
2030-31
School Year
High Forecast
Medium Forecast
Low Forecast
6-8 History

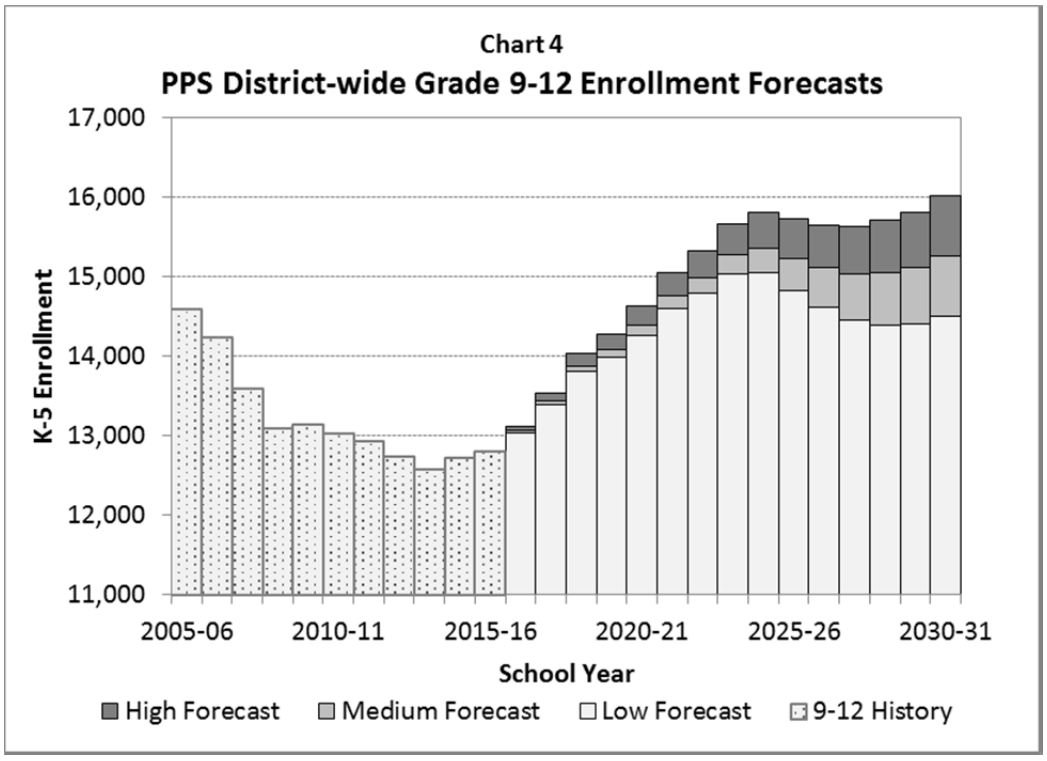


Chart 4
PPS District-wide Grade 9-12 Enrollment Forecasts
17,000
16,000
15,000
14,000
13,000
12,000
11,000
K-5 Enrollment
2005-06
2010-11
2015-16
2020-21
2025-26
2030-31
School Year
High Forecast
Medium Forecast
Low Forecast
9-12 History

INTRODUCTION

The Population Research Center (PRC) at Portland State University has prepared enrollment forecasts for Portland Public Schools (PPS) in each of the past 17 years. This new study updates the previous detailed long-range forecasts prepared in 2015 for district-wide enrollment, and last prepared two years ago, in 2014, for the District, its attendance areas, and individual schools. The appendices of this report contain annual forecasts of district-wide enrollment by grade level, PPS students by attendance area of residence, and enrollment at individual schools for the 2016-17 to 2030-31 school years.

Primary data sources used to prepare these forecasts include historic PPS enrollments through 2015-16, U.S. Census Bureau 2000 and 2010 Decennial Censuses and 2010 to 2014 American Community Survey, birth data from the Oregon Center for Health Statistics, and housing development information from the City of Portland and Metro.

The forecast process is geographically top-down, divided into four stages:

- District-wide forecasts by grade level are prepared using a cohort-component model, described in the "Enrollment Forecasts" section of this report. A medium growth scenario, considered the most likely scenario consistent with long term demographic trends and expected population growth, is prepared first. Migration levels are adjusted to produce alternative high and low growth scenarios for the District. All three growth scenarios use the same fertility rates and long run capture rates.

- Second, forecasts of PPS students by grade level residing in each high school cluster (HSCL) are prepared and controlled to the district-wide medium growth forecast.

- Third, forecasts of PPS students by grade level residing within elementary, middle, and high school attendance areas are prepared within each cluster, with attendance area resident forecasts controlled to the HSCL forecasts. This step includes forecasts of residents and non-residents attending each neighborhood school.

- The fourth step is to prepare enrollment forecasts for schools that have no attendance area. The largest of the district-run non-neighborhood schools are forecast individually, and alternative programs, community based programs, special services, and charter schools are grouped into an "other schools and programs" category.

The District serves most of the City of Portland and small portions of the cities of Lake Oswego and Beaverton, and unincorporated Multnomah and Washington Counties. According to the 2010 Census, the population for PPS was 460,248. Among the 460,248 PPS residents, there were 451,258 City of Portland residents (representing 77 percent of the City total), 2,413 Lake Oswego residents, 1,453 Beaverton residents, and 5,124 unincorporated area residents.

Following this introduction are sections presenting recent population, housing, and enrollment trends within the District. The next section explores the relationship between the District's most recent enrollment and its current housing stock. Next are summaries and highlights of the district-wide enrollment forecasts and individual school forecasts, and descriptions of the methodologies used to produce them. The final section contains a brief discussion of the nature and accuracy of forecasts, and appendices contain detailed tables showing A) district-wide enrollment forecasts, B) enrollment forecasts by area of residence, and C) enrollment forecasts by individual school.

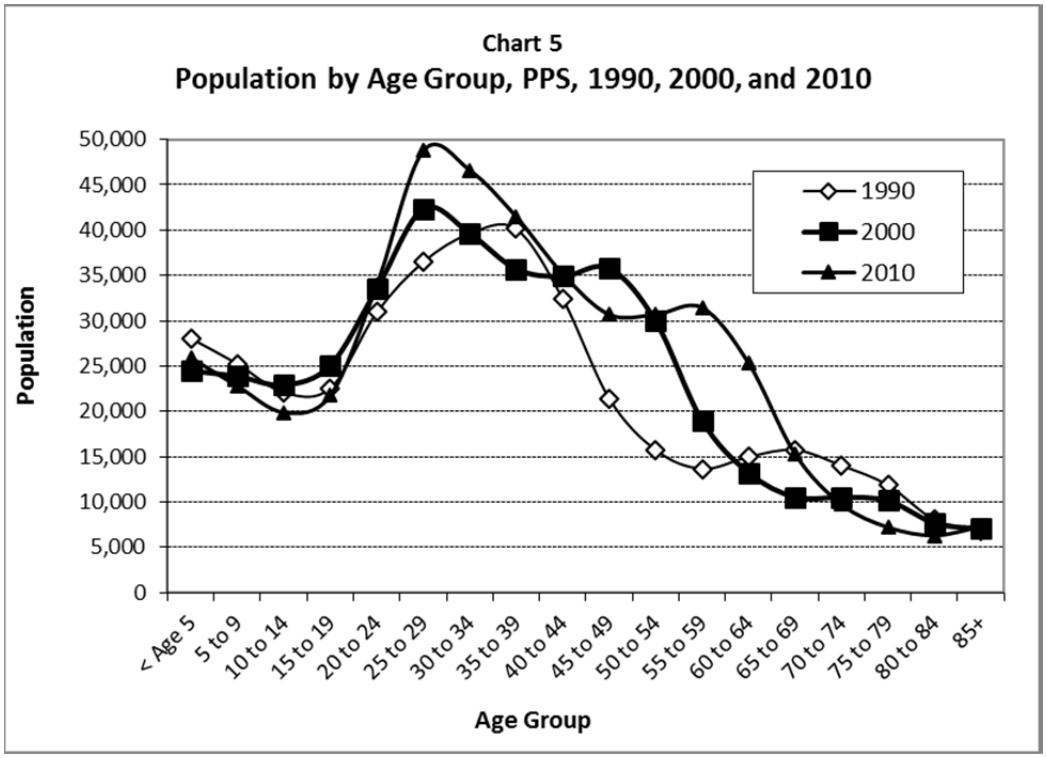
POPULATION AND HOUSING TRENDS

During the decade between 2000 and 2010, population within the PPS grew by about 34,000, from 426,110 persons to 460,248. This surpassed the District's growth of about 26,000 persons in the 1990s. Comparing the 2000s with the 1990s, population growth in the Portland metro area slowed and growth within the PPS area accelerated. However, the District's average annual growth rate (AAGR) of 0.8 percent between 2000 and 2010 remained below the metro area's 1.4 percent AAGR.

Population by Age Group

Although the District's population grew in both the 1990s and 2000s, population change by age group has varied widely. Losses for ages under five and five to nine between 1990 and 2000 are consistent with the elementary enrollment losses of the late 1990s and early 2000s, while the growth of the under five population between 2000 and 2010 corresponds to current elementary enrollment growth. The young adult population grew in both decades, with the largest growth between 1990 and 2000 among residents age 25 to 29 and the largest growth between 2000 and 2010 among residents age 30 to 34.

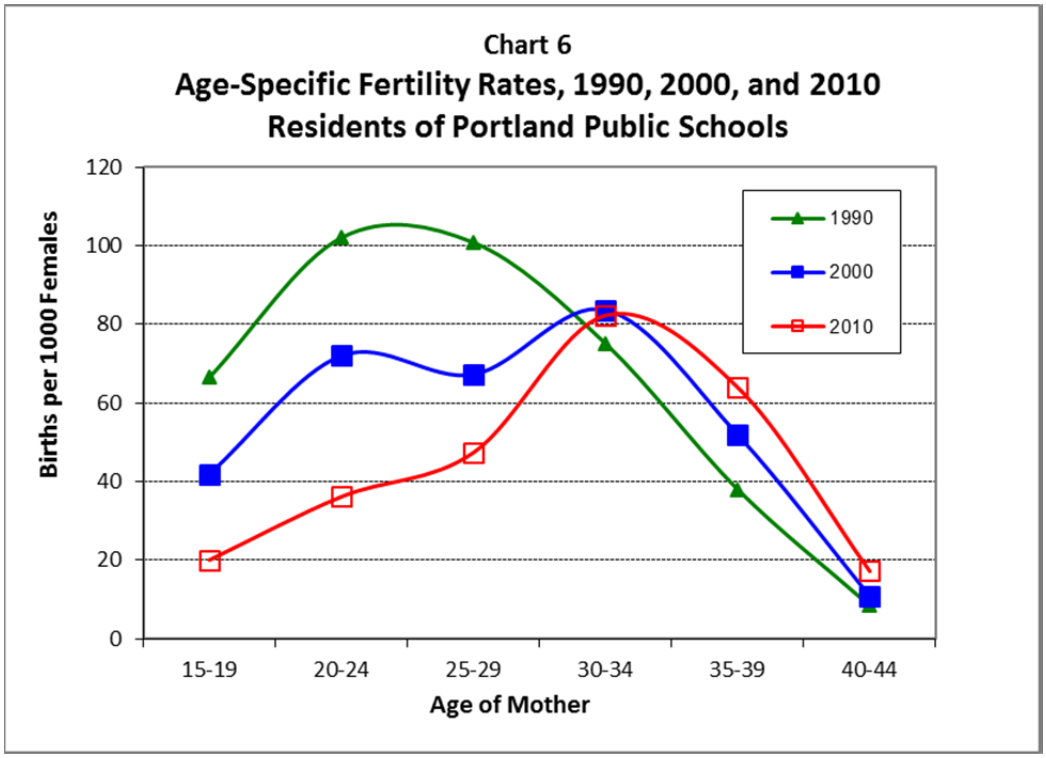
Chart 5 illustrates the growth of the young adult population. In 2000, 25 to 34 year-olds constituted the two largest age groups, with a population of about 82,000 accounting for nearly 18 percent of the District's total population. By 2010 the 95,000 PPS residents age 25 to 34 accounted for nearly 21 percent of the District's total population. The chart also shows the aging of the baby boom generation; the District's largest population in 1990 was age 35 to 39. That same cohort born in the early 1950s shows up in subsequent peaks of age 45 to 49 in 2000 and age 55 to 59 in 2010.



Births

While the District's young adult population has grown, the average number of births per woman under age 30 has fallen sharply. This trend is illustrated in Chart 6, using age-specific fertility rates (ASFRs) for five year age groups. The rates, comparing calendar year births to PPS residents to population counts from each of the past three censuses, are expressed as the number of births per 1,000 women in each age group. Rates in 2010 for women under age 25 fell to about one-third of their 1990 levels, while rates for women age 25 to 29 fell by about half. In 1990 fertility rates among women age 20 to 29 were significantly higher than rates for all other age groups; in 2010 that distinction went to ages 30 to 39.

The total fertility rate (TFR) is an estimate of the number of children that would be born to the average woman during her child-bearing years based on ASFRs observed at a given time. The estimated TFR for the District was 1.96 in 1990, only slightly lower than the TFR of 2.12 in the remainder of the seven county Portland-Vancouver-Hillsboro Metropolitan Statistical Area (MSA) outside of PPS. The gap between PPS and the MSA grew each decade; 2000 TFRs were 1.64 in PPS and 2.19 in the MSA remainder, and 2010 TFRs were 1.33 in PPS and 1.91 in the MSA remainder.



The decline in fertility rates among women under 30 was partly offset by increases for women age 30 and older. Overall population increases also helped to prevent the number of PPS births from falling at a level commensurate with the decline in fertility rates. Over 90 percent of births to PPS residents occur to women age 20 to 39, a group whose population increased by 16 percent between the 2000 and 2010 censuses. In spite of the large increase in women in prime childbearing ages, there were slightly fewer births in the five year period from 2010 to 2014 period than in 2005 to 2009 or 2000 to 2004. Annual births over the 15 year period are shown in Chart 7. Births peaked in 2007 in PPS, just as they did nationally and statewide. In the U.S. and in Oregon the number of births in 2014 remained nearly eight percent below the 2007 peak. Among PPS residents there were 6.6 percent fewer births in 2014 than in 2007.

Table 2 compares births by HSCL in successive five year periods, covering the most recent 15 years for which detailed data by mother's place of residence has been compiled. Like the District, most clusters recorded their highest recent birth totals during the middle period shown in the table, 2005 to 2009. Only the Wilson and Jefferson clusters had increases in births in the 2010 to 2014 period compared with 2005 to 2009.

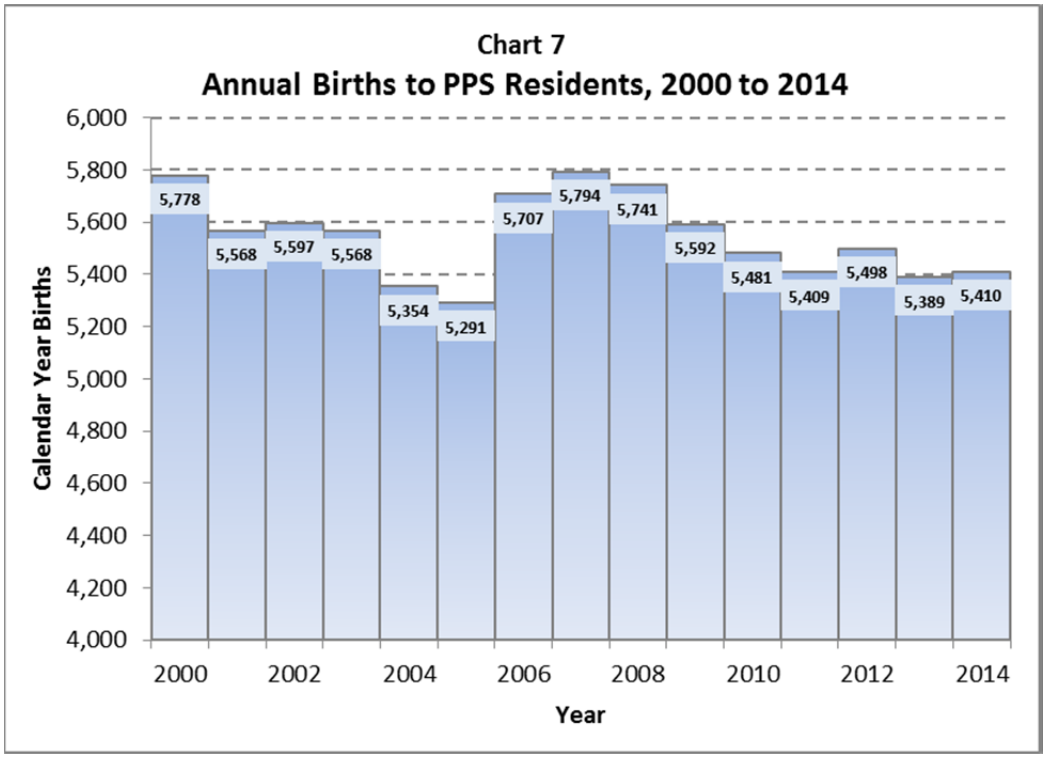


Table 2

Births by High School Cluster

HS Cluster[1]	Five Year Period 2000-04	2005-09	2010-14	2000-04 to 2005-09 change	2005-09 to 2010-14 change
Cleveland	4,128	4,146	3,959	0%	-5%
Franklin	5,047	4,859	4,724	-4%	-3%
Grant[2]	2,602	2,550	2,162	-2%	-15%
Jefferson	4,504	4,305	4,321	-4%	0%
Lincoln	2,506	2,658	2,601	6%	-2%
Madison[2]	3,527	3,663	3,471	4%	-5%
Roosevelt[2]	2,668	2,971	2,829	11%	-5%
Wilson	2,883	2,973	3,120	3%	5%
PPS District Total	**27,865**	**28,125**	**27,187**	**1%**	**-3%**

1. High school cluster boundaries in 2016-17.

2. Jefferson Dual Assignment Zone residents are reported in the Jefferson cluster, and not included in the Grant, Madison, or Roosevelt attendance area totals.

Source: Oregon Center for Health Statistics; geocoded birth records aggregated to 2016-17 high school cluster boundaries by Population Research Center, PSU.

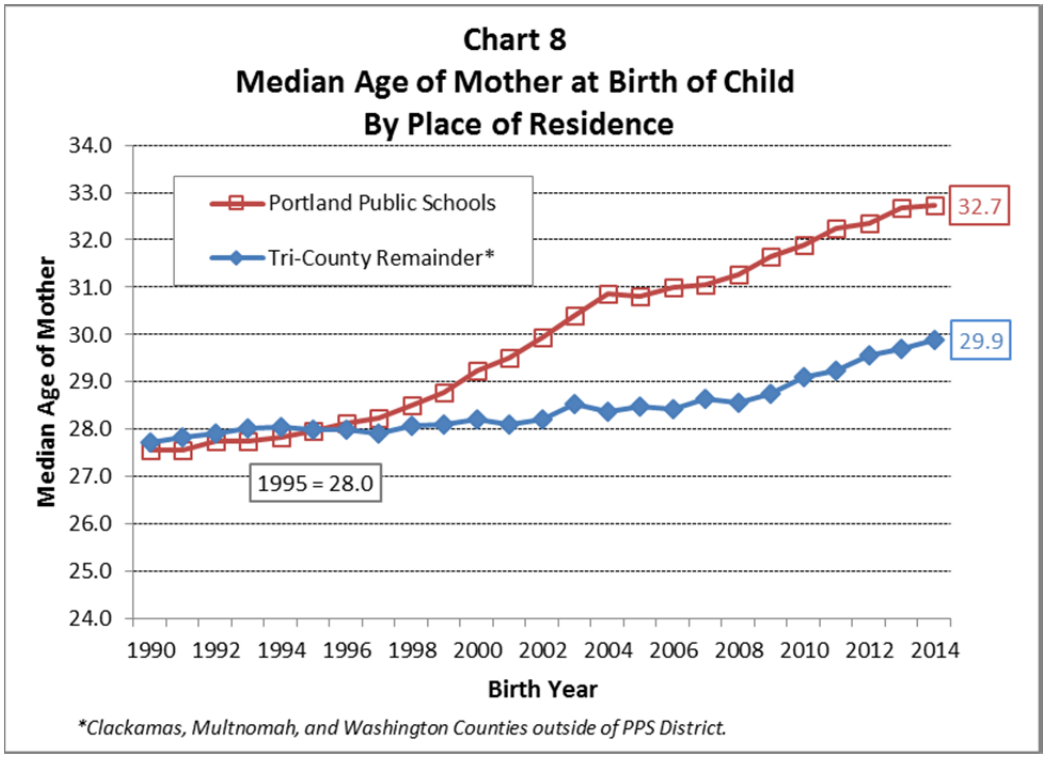
If no one moved into or out of the District, and all kindergarten-age residents attended PPS kindergartens, kindergarten enrollment trends would perfectly reflect cohort birth trends. In fact, the recent peak in kindergarten enrollment, fall 2012, aligned with the District's peak

September to August birth cohort, 2006-07. However, the number of births in 2006-07 was only one percent greater than the number of births six years earlier, while kindergarten enrollment in fall 2012 was 18 percent greater than in fall 2006. In the three years following 2012-13, kindergarten enrollment declined by four percent, a smaller change than the six percent decline in corresponding birth cohorts. In the "Enrollment Forecast" section of this report we explore the relationship between births and subsequent kindergarten enrollments. An important component of that relationship is the mobility of families between the birth of a child and the child's enrollment in kindergarten at age five.

Large central city school districts typically have a net outflow of young children. For example, some young adults who are renting apartments near the city center when their children are born may move to other parts of the metro area beyond the urban core as their children grow. In the past 10 years the balance has shifted to become more favorable to PPS; the net loss of children between birth and age five has become smaller. This trend may be influenced by the age at which mothers give birth. In 1995, the median age of women giving birth was 28.0 both in PPS and in suburban areas.[1] By 2014, median age for PPS residents giving birth had risen by over four years to 32.7, while median age in suburban areas increased less than two years, to 29.9 (Chart 8). The living arrangements of residents who have children at an older age are likely to be more established. Therefore these families are less likely to move out. Recent census data indicate that 47 percent of PPS residents in their 20s move within a 12 month period, compared with only 26 percent of PPS residents in their 30s and 14 percent of PPS residents in their 40s.[2]

[1] Clackamas, Multnomah, and Washington counties excluding PPS area.

[2] U.S. Census Bureau, 2010-2014 American Community Survey 5 year estimates, Table B07001.



Housing and Household Growth

Between 2000 and 2010 about 22,000 housing units were added within PPS, exceeding the 14,600 unit increase of the 1990s. The 11 percent growth of the housing stock surpassed the eight percent population growth because the vacancy rate within the District grew from 5.8 percent in 2000 to 6.5 percent in 2010, and the average number of persons per household fell from 2.23 to 2.18. Households without children under age 18 accounted for all of the net growth in households. Table 3 includes census data for housing units and households.

Chart 9 illustrates the variation in new residential development from year to year. The number of single family homes permitted within PPS was over 800 each year during the housing boom from 2002 to 2007, and fell to under 400 annually during the recession and slow recovery of 2009 to 2011. Multiple family development is even more cyclical, with few units permitted during periods of high unemployment when both in-migration and new household formation slow down. In 2014 and 2015, single family construction returned to mid-2000s peak levels, and the number of multiple-family units permitted within PPS soared well beyond the previous boom years.

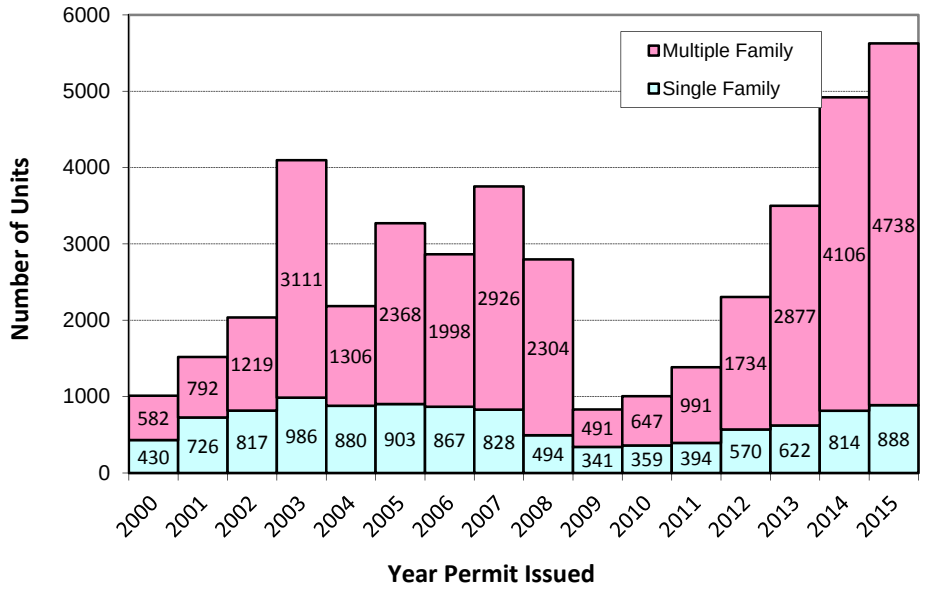
Table 3
Portland Public Schools
Housing and Household Characteristics, 1990, 2000, and 2010

	1990	2000	2010	2000 to 2010 Change	
				Number	Percent
Housing Units	182,630	197,252	219,373	22,121	*11%*
Single Family*	116,411	123,519	130,774	7,255	*6%*
share of total	*64%*	*63%*	*60%*		
Multiple Family*	63,158	71,613	86,273	14,660	*20%*
share of total	*35%*	*36%*	*39%*		
Mobile Home and Other*	3,061	2,120	2,326	206	*10%*
share of total	*2%*	*1%*	*1%*		
Households	172,254	185,822	205,054	19,232	*10%*
Households with children < 18	46,998	46,876	46,450	-426	*-1%*
share of total	*27%*	*25%*	*23%*		
Households with no children < 18	125,256	138,946	158,604	19,658	*14%*
share of total	*73%*	*75%*	*77%*		
Household Population	389,273	413,890	447,004	33,114	*8%*
Persons per Household	2.26	2.23	2.18	-0.05	*-2%*

**Note: The 2010 Census did not include structure type; 2010 figures in this table are distributed from the housing unit total based on structure type data from the 2008-2012 American Community Survey.*

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

Chart 9
Housing Units Authorized in PPS by City of Portland



Residential building permits within PPS have been steadily increasing each year since 2009. With the recovery, there has been a notable shift in the location of development. While the Lincoln and Roosevelt HSCLs led the District in single family construction in 2000 to 2004 and 2005 to 2009, respectively, Table 4 shows that in the six year period from 2010 to 2015, the Jefferson HSCL had the most single family permits, followed closely by Cleveland and Franklin. The Lincoln HSCL continues to see the most new multiple family units. However, Lincoln's share of total PPS multiple family units fell from 67 percent in 2000-2004 to 42 percent in 2005-2009 and 35 percent in 2010-2015. The share of PPS multiple family units permitted within the Jefferson HSCL increased from three percent in 2000-2004 to 16 percent in 2010-2015, while the share in the Cleveland HSCL increased from seven to 24 percent.

Table 4

Housing Units Authorized by City of Portland Building Permits

PPS By High School Cluster, 2000 to 2015

Single Family Units by Year Permit Issued

HS Cluster*	2000 to 2004	2005 to 2009	2010	2011	2012	2013	2014	2015	2010-15 Total
Cleveland	456	514	48	63	100	132	165	167	675
Franklin	496	532	62	65	90	120	153	136	626
Grant	107	73	9	24	34	44	65	47	223
Jefferson	518	393	81	88	170	98	159	199	795
Lincoln	811	325	20	28	32	55	52	40	227
Madison	405	411	51	31	38	25	51	95	291
Roosevelt	561	659	53	52	67	90	85	95	442
Wilson	485	526	35	43	39	58	84	109	368
PPS Total	**3,839**	**3,433**	**359**	**394**	**570**	**622**	**814**	**888**	**3,647**

Multiple Family Units by Year Permit Issued

HS Cluster*	2000 to 2004	2005 to 2009	2010	2011	2012	2013	2014	2015	2010-15 Total
Cleveland	522	524	43	131	409	786	1,140	1,143	3,652
Franklin	313	303	20	43	85	318	132	285	883
Grant	137	156	99	72	61	312	145	95	784
Jefferson	225	1,242	88	92	317	619	626	640	2,382
Lincoln	4,707	4,242	285	424	712	432	1,749	1,744	5,346
Madison	595	417	6	3	19	6	12	29	75
Roosevelt	365	871	101	10	7	250	36	38	442
Wilson	146	2,332	5	216	124	154	266	764	1,529
PPS Total	**7,010**	**10,087**	**647**	**991**	**1,734**	**2,877**	**4,106**	**4,738**	**15,093**

**Note: Data for all years shown for current (2015-16) high school cluster areas.*

Source: Data files from City of Portland Planning Department; processed and aggregated to PPS attendance areas by Population Research Center, PSU.

ENROLLMENT TRENDS

In fall 2015, Portland Public Schools (PPS) enrolled 48,152 students in grades K-12, an increase of 573 students from fall 2014. This is the seventh consecutive year of enrollment growth, following 12 consecutive years of enrollment losses that occurred between 1996-97 and 2008-09. For the seven year period since 2008-09, PPS K-12 enrollment has grown by 3,128 students, or seven percent.

Most of the growth has occurred at the elementary (K-5th) level, which has added enrollment each year beginning in 2007-08. During these nine years following 2006-07, elementary grades have added 3,376 students (16 percent), and fall 2015 district-wide K-5 enrollment of 24,607 was the largest since the 1999-2000 school year.

Enrollment in middle grades (6th-8th), has also recovered from its low, which occurred in 2009-10. The growth of 376 students between fall 2014 and fall 2015 was the largest of six consecutive years of growth. For the entire six year period between 2009-10 and 2015-16, the District added 922 students (nine percent) in grades 6-8. Fall 2015 enrollment of 10,747 in 6th-8th grades was the largest since the 2003-04 school year.

In the most recent two years, high school grades (9th-12th) have joined elementary and middle grades in the enrollment rebound. Grades 9-12 reached a low of 12,584 in fall 2013, but added 214 students by fall 2015. There were 12,798 PPS students enrolled in grades 9-12 in fall 2015.

On the next page, Table 5 summarizes the K-12 enrollment history for the District by grade level annually from 2005-06 to 2015-16.[3]

[3] The "total" row in Table 5 differs from the district-wide totals published by PPS because Table 5 shows K-12 figures only; it does not include pre-kindergarten enrollment.

Table 5
Portland Public Schools, Historic K-12 Enrollment, 2005-06 to 2015-16

Grade	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
K	3,643	3,620	3,803	3,951	4,073	3,995	4,064	4,277	4,244	4,127	4,097
1	3,618	3,696	3,760	3,825	4,007	4,091	4,037	4,146	4,369	4,302	4,266
2	3,612	3,549	3,629	3,739	3,782	3,894	4,029	3,937	4,082	4,287	4,256
3	3,505	3,501	3,545	3,598	3,730	3,727	3,898	3,918	3,864	4,041	4,233
4	3,537	3,436	3,460	3,528	3,542	3,682	3,721	3,813	3,906	3,864	3,983
5	3,505	3,429	3,376	3,412	3,496	3,479	3,597	3,660	3,775	3,865	3,772
6	3,233	3,383	3,354	3,250	3,318	3,354	3,396	3,467	3,547	3,594	3,722
7	3,458	3,163	3,369	3,295	3,254	3,299	3,310	3,336	3,407	3,428	3,601
8	3,420	3,411	3,143	3,335	3,253	3,192	3,230	3,217	3,349	3,349	3,424
9	3,570	3,481	3,356	3,147	3,349	3,176	3,082	3,065	3,057	3,137	3,259
10	3,734	3,558	3,323	3,316	3,121	3,339	3,256	3,111	3,055	3,090	3,131
11	3,624	3,581	3,341	3,244	3,165	3,026	3,181	3,090	2,990	2,946	2,981
12	3,663	3,610	3,571	3,384	3,502	3,487	3,405	3,480	3,482	3,549	3,427
UN*	0	28	53	0	0	0	0	0	0	0	0
Total	**46,122**	**45,446**	**45,083**	**45,024**	**45,592**	**45,741**	**46,206**	**46,517**	**47,127**	**47,579**	**48,152**
Annual change		*-676* *-1.5%*	*-363* *-0.8%*	*-59* *-0.1%*	*568* *1.3%*	*149* *0.3%*	*465* *1.0%*	*311* *0.7%*	*610* *1.3%*	*452* *1.0%*	*573* *1.2%*
K-5	21,420	21,231	21,573	22,053	22,630	22,868	23,346	23,751	24,240	24,486	24,607
6-8	10,111	9,957	9,866	9,880	9,825	9,845	9,936	10,020	10,303	10,371	10,747
9-12	14,591	14,230	13,591	13,091	13,137	13,028	12,924	12,746	12,584	12,722	12,798

	5 Year Change: 2005-06 to 2010-11		**5 Year Change: 2010-11 to 2015-16**		**10 Year Change: 2005-06 to 2015-16**	
	Change	**Pct.**	**Change**	**Pct.**	**Change**	**Pct.**
K-5	1,448	*7%*	1,739	*8%*	3,187	*15%*
6-8	-266	*-3%*	902	*9%*	636	*6%*
9-12	-1,563	*-11%*	-230	*-2%*	-1,793	*-12%*
Total	**-381**	***-1%***	**2,411**	***5%***	**2,030**	***4%***

**UN were ungraded, unassigned, or unclassified students, e.g., special education students who attended special education classes in separate classrooms.*

Source: Portland Public Schools Enrollment Summaries.

District Capture Rate

The capture rate is the ratio of enrollment in District schools to the school age population living within the District boundary. School age residents who do not attend PPS schools include those who attend private schools, transfer to other districts, are home schooled, five or six year olds who have not yet entered school, and teenagers who have graduated or dropped out. Conversely, PPS enrollment includes some students who are not included in the district's school age population, specifically transfer students from other districts and students over age 18.

The most accurate count of school age population comes from the decennial census; baseline capture rates for the enrollment forecast are calculated by comparing the census conducted on April 1 with PPS enrollment of students residing within the District.[4] School years 1999-2000 and 2009-2010 are used because they include the April 1 census date. Rates based on the 2000

Table 6

Estimated PPS Capture Rates, Resident Enrollment[1]

1999-2000 and 2009-2010

	K-2	3-5	6-8	9-12	K-12
2000 Population[2]	14,186	14,589	13,452	18,806	**61,033**
2010 Population[3]	13,820	12,641	11,793	16,161	**54,414**
1999-2000 Enrollment[4]	11,987	12,391	11,502	15,397	**51,277**
Capture Rate, 1999-2000[5]	*84.5%*	*84.9%*	*85.5%*	*81.9%*	***84.0%***
2009-2010 Enrollment	11,576	10,472	9,601	12,738	**44,387**
Capture Rate, 2009-2010[6]	*83.8%*	*82.8%*	*81.4%*	*78.8%*	***81.6%***

1. The ratio of enrolled District residents to total District population by grade level. Enrollments exclude about 1,000 students in 1999-2000 and 1,200 students in 2009-10 residing outside of the district. In previous reports those students were included in the capture rate calculation.

2. April 1, 2000 census counts grouped by grade level cohorts. For example, K-2 is an estimate of the number of children who would have been age 5 to 7 on 9/1/99.

3. April 1, 2010 census counts grouped by grade level cohorts. For example, K-2 is an estimate of the number of children who would have been age 5 to 7 on 9/1/09.

4. Excludes students enrolled in programs that were transferred to MESD in 2003; ungraded students assigned to grade levels.

5. The ratio of 1999-2000 resident enrollment to 2000 (census) population.

6. The ratio of 2009-2010 resident enrollment to 2010 (census) population.

[4] A similar table was included in the 2011 report, but it compared TOTAL enrollment (PPS residents AND students residing outside of the district) with census population. Therefore capture rates were reported as higher than those shown in Table 6 of this report.

and 2010 censuses presented in Table 6 show that PPS capture rates declined for each grade level group, particularly at the secondary level. Declining capture rates exacerbated the decade's enrollment loss that was primarily caused by an 11 percent decline in school-age population. We infer from this analysis that 81 percent of the District's loss of 6,890 resident students between 1999-2000 and 2009-2010 was attributable to population change, while the remaining 19 percent was attributable to capture rate change.

The long form of the 1990 and 2000 censuses and the more recent ACS included questions about school enrollment by level and by type (public or private). Estimates based on these questions indicate that the share of District residents enrolled in private schools increased from 11.2 percent in 1990 to 12.9 percent in 2000 and 13.5 percent in 2010-2014. According to 2010-2014 ACS estimates, the biggest increase in private school share has occurred at the high school level. The estimates of public and private school share for PPS based on these Census Bureau sample surveys are shown in Table 7.

Table 7

School Enrollment by Type of School

Residents of Portland Public School District

Census Data: 1990, 2000 & 2010-2014

	1990	2000	2010-14	
			estimate	MOE*
Enrolled in 1st-12th grade	53,499	56,288	49,654	*+/-1,288*
Public Schools	47,494	49,031	42,950	*+/-1,218*
Private Schools	6,005	7,257	6,704	*+/-528*
Private Share	*11.2%*	*12.9%*	*13.5%*	*+/- 1.1%*
Enrolled in 1st-8th grade	N/A	37,415	34,498	*+/-1,096*
Public Schools		32,315	29,943	*+/-1,035*
Private Schools		5,100	4,555	*+/-465*
Private Share		*13.6%*	*13.2%*	*+/- 1.4%*
Enrolled in 9th-12th grade	N/A	18,874	15,156	*+/-676*
Public Schools		16,716	13,007	*+/-642*
Private Schools		2,158	2,149	*+/-250*
Private Share		*11.4%*	*14.2%*	*+/- 1.8%*

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

Sources: 1990 Census, Summary Tape File 3, Table P54 (PPS area estimated by PRC);
2000 Census, Summary File 3, Table P36 (PPS area estimated by PRC);
2010-2014 American Community Survey, Table B14002 (tabulated for PPS area by Census Bureau).

Enrollment Trends by Place of Residence

The overall population of students residing in an attendance area and enrolled in any PPS school is typically more stable than the enrollment at the neighborhood school serving the attendance area. Enrollment at individual schools may change due to program or boundary changes, school openings or closures, school choice, the number of transfer slots, or other changes not related to underlying demographic trends. When student points are matched by address in a geographic information system, the number of PPS students (including charter schools) by grade level can be tabulated for any geographic area. Creating time series of resident PPS students by grade level by current attendance areas facilitates historic enrollment analysis even if school boundaries have changed, allowing us to identify shifts in the share of area students who enroll in their neighborhood school, or attend other schools or programs.

Attendance area boundaries were unchanged from 2013-14 to 2015-16; changes have been adopted for the 2016-17 school year for elementary schools in the Lincoln and Wilson clusters and for Ockley Green Middle School, which now has three Jefferson cluster and one Roosevelt cluster feeder elementary schools. Additional changes for the 2017-18 school year have been approved for the secondary schools in the Lincoln and Wilson clusters.

High school clusters (HSCLs) are composed of the elementary school attendance areas (ESAAs) in the high schools' feeder patterns. There is one middle school attendance area (MSAA) that is split between two high school attendance Areas (HSAAs). That is Beaumont, which includes the Alameda ESAA (Grant cluster) and Rigler ESAA (Madison cluster). Beginning in 2017-18, the Bridlemile ESAA will be split between the Lincoln and Wilson ESAAs. However, the tables in this report include Beaumont MSAA residents in their respective HSCLs based on their ESAA, and include Bridlemile ESAA in the Lincoln cluster.

District-wide K-12 enrollment increased by nine percent between 2010-11 and 2015-16, but there was wide variation in growth rates among HSCLs. Table 8 reports the total number of residents of each high school cluster enrolled in PPS schools. Three of the District's eight clusters, Jefferson, Madison, and Roosevelt, had small net losses in the number of K-12 PPS enrolled residents over the five year period, while Cleveland, Grant, and Lincoln experienced growth of PPS students residing within their cluster boundaries ranging from eight to 16 percent.

The number of K-5th grade residents increased in all clusters over the five year period, led by net gains of 312 students in the Wilson HSCL and 267 students in the Jefferson HSCL. Although the Cleveland, Franklin, Madison, and Roosevelt clusters were home to more PPS K-5th grade residents in 2015-16 than in 2010-11, each reached a peak in 2013-14 and had a small net loss in the following two years.

The Jefferson and Roosevelt HSCLs each had fewer middle grades residents in 2015-16 than in 2010-11, while the other clusters had net growth of 6th-8th grade residents ranging from seven percent in the Madison HSCL to 21 percent in the Lincoln HSCL.

Lincoln, Franklin, and Cleveland were the only HSCLs with a net gain of high school age residents over the five year period. Grant had slightly fewer 9th-12th grade residents in 2015-16 than in 2010-11, while the largest net losses in PPS high school residents occurred in the Wilson (nine percent), Madison (11 percent), and Jefferson (13 percent) clusters.

Table 8
Portland Public Schools Historic Enrollment
By Grade Level and High School Cluster of Residence

HS Cluster (2015-16)*	Grades	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	5 year change	
								Number	Percent
Cleveland	K-5	3,357	3,491	3,594	3,625	3,593	3,619	262	*8%*
	6-8	1,354	1,367	1,403	1,501	1,554	1,626	272	*20%*
	9-12	1,788	1,768	1,794	1,713	1,782	1,834	46	*3%*
	Total	**6,499**	**6,626**	**6,791**	**6,839**	**6,929**	**7,079**	**580**	***9%***
Franklin	K-5	3,968	4,025	4,068	4,150	4,102	4,072	104	*3%*
	6-8	1,620	1,711	1,728	1,772	1,709	1,799	179	*11%*
	9-12	1,991	2,041	1,987	1,988	2,060	2,052	61	*3%*
	Total	**7,579**	**7,777**	**7,783**	**7,910**	**7,871**	**7,923**	**344**	***5%***
Grant	K-5	2,537	2,588	2,600	2,711	2,736	2,783	246	*10%*
	6-8	1,047	1,075	1,138	1,187	1,173	1,216	169	*16%*
	9-12	1,374	1,350	1,365	1,318	1,353	1,356	-18	*-1%*
	Total	**4,958**	**5,013**	**5,103**	**5,216**	**5,262**	**5,355**	**397**	***8%***
Jefferson	K-5	2,878	2,906	3,021	3,034	3,139	3,145	267	*9%*
	6-8	1,228	1,189	1,146	1,114	1,108	1,148	-80	*-7%*
	9-12	1,556	1,514	1,527	1,445	1,453	1,358	-198	*-13%*
	Total	**5,662**	**5,609**	**5,694**	**5,593**	**5,700**	**5,651**	**-11**	***0%***
Lincoln	K-5	2,105	2,150	2,205	2,256	2,312	2,328	223	*11%*
	6-8	974	969	1,012	1,085	1,153	1,179	205	*21%*
	9-12	1,431	1,483	1,546	1,580	1,608	1,739	308	*22%*
	Total	**4,510**	**4,602**	**4,763**	**4,921**	**5,073**	**5,246**	**736**	***16%***
Madison	K-5	2,905	2,931	2,995	3,004	3,003	2,955	50	*2%*
	6-8	1,255	1,311	1,289	1,329	1,335	1,346	91	*7%*
	9-12	1,700	1,678	1,619	1,547	1,529	1,514	-186	*-11%*
	Total	**5,860**	**5,920**	**5,903**	**5,880**	**5,867**	**5,815**	**-45**	***-1%***
Roosevelt	K-5	2,424	2,450	2,465	2,583	2,547	2,534	110	*5%*
	6-8	1,094	1,081	1,067	1,027	994	987	-107	*-10%*
	9-12	1,343	1,311	1,292	1,305	1,226	1,242	-101	*-8%*
	Total	**4,861**	**4,842**	**4,824**	**4,915**	**4,767**	**4,763**	**-98**	***-2%***
Wilson	K-5	2,235	2,342	2,314	2,343	2,494	2,547	312	*14%*
	6-8	1,064	1,037	1,034	1,087	1,125	1,224	160	*15%*
	9-12	1,499	1,450	1,316	1,301	1,335	1,361	-138	*-9%*
	Total	**4,798**	**4,829**	**4,664**	**4,731**	**4,954**	**5,132**	**334**	***7%***
Out of District	K-5	459	463	489	534	560	624	165	*36%*
	6-8	209	196	203	201	220	222	13	*6%*
	9-12	346	329	300	387	376	342	-4	*-1%*
	Total	**1,014**	**988**	**992**	**1,122**	**1,156**	**1,188**	**174**	***17%***
PPS District Totals	K-5	22,868	23,346	23,751	24,240	24,486	24,607	1,739	*8%*
	6-8	9,845	9,936	10,020	10,303	10,371	10,747	902	*9%*
	9-12	13,028	12,924	12,746	12,584	12,722	12,798	-230	*-2%*
	Total	**45,741**	**46,206**	**46,517**	**47,127**	**47,579**	**48,152**	**2,411**	***5%***

**Note: 2015-16 cluster boundaries have been in place since 2011-12. Previous years are also tabulated by 2015-16 boundaries for comparability.*

HOUSING AND ENROLLMENT

How many children are expected to live in future new homes and attend PPS 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.

Using data from Metro, we compiled a current housing inventory in a spatial file based on parcels that differentiates single family homes, duplexes/triplexes, apartments, condominiums, and manufactured home parks. We then combined this file with student address points from fall 2015 in order to quantify the number of students by housing type. We were able to associate 98 percent of PPS resident K-12 students with a housing type. The remaining two percent have non-residential addresses including group facilities, or have residential addresses that could not be matched with Metro's address points.

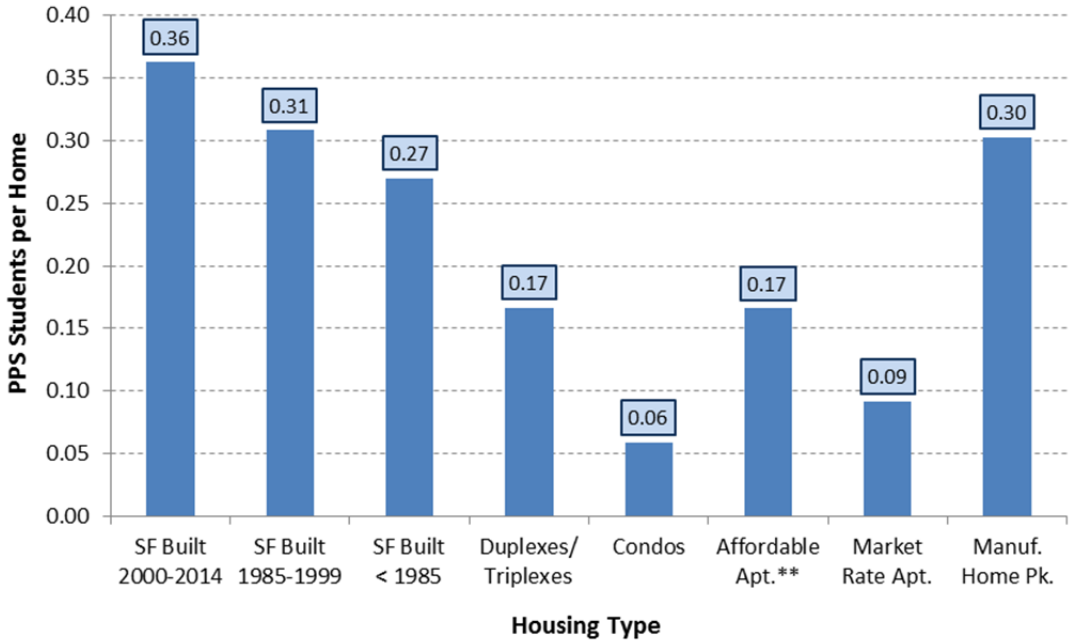
From our work measuring student generation rates (SGRs) in suburban Portland districts, we have observed that the newest single family homes consistently have the greatest average number of students, while older homes have the fewest. This trend is also evident in PPS. For District homes less than 15 years old, the average number of PPS K-12 students per single family home was 0.36, or 36 students in every 100 new homes, somewhat lower than rates that we have measured for new single family homes in recent studies for suburban districts.[5] Homes built between 1985 and 1999 had a lower K-12 average of 0.31 students, and homes built before 1985 had an average of 0.27 PPS K-12 students per home.

Chart 10 depicts these rates by age of single family home as well as rates for other types of homes. Among multi-family homes, the highest SGRs are found in duplexes and triplexes (0.17) and affordable rental apartments (0.17). Among affordable units designed for families, rates

[5] For example, 0.73 in the David Douglas School District in fall 2013, 0.64 in the North Clackamas School District, 0.62 in the Lake Oswego School District, and 0.48 in the Oregon City School District in fall 2012, and 0.53 in the Gresham-Barlow School District in fall 2011.

Chart 10

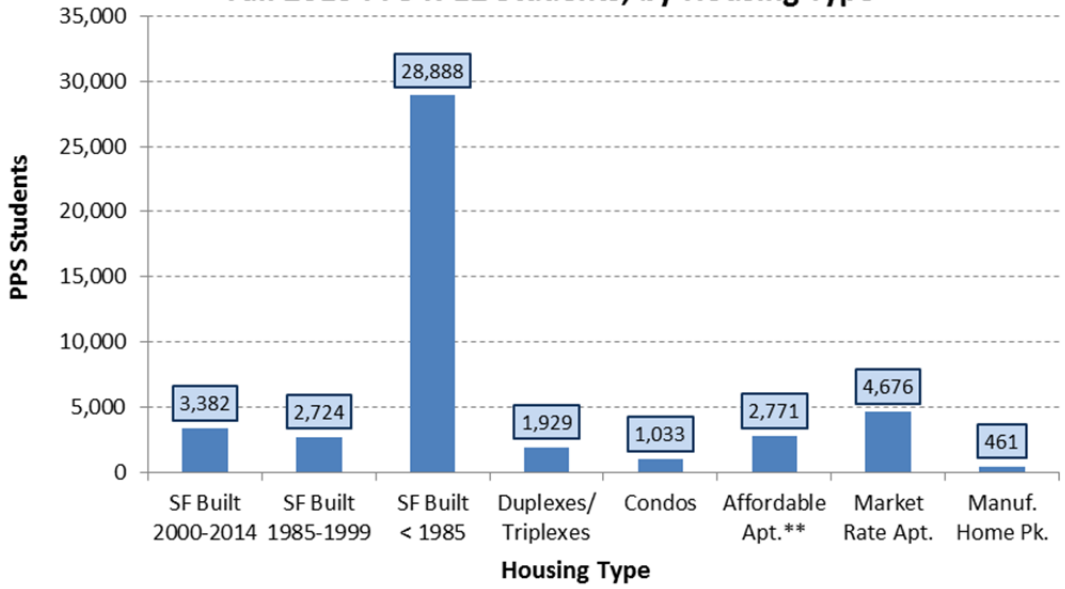
Fall 2015 PPS K-12 Students per Home, by Housing Type



***Apartments included in Metro's affordable housing inventory.*

Chart 11

Fall 2015 PPS K-12 Students, by Housing Type*



**Does not include out-of-district students. Includes the 98 percent of district residents who could be matched to residential addresses.*

***Apartments included in Metro's affordable housing inventory.*

are much higher than this average, because the affordable housing stock from which the rate was calculated also includes many workforce and single room occupancy units. Chart 11 shows the number of students residing in homes of each type, with single family homes accounting for about 75 percent of resident PPS students.

The SGRs are presented in greater detail in Table 9, including grade level detail and, for single family homes built since 1985, lot size. Homes on lots smaller than 2,750 square feet are generally attached, or "skinny" houses; homes on these lots are categorized as row homes in the table, while homes on lots larger than 2,750 square feet are categorized as detached homes. There are fewer PPS students, on average, in homes on smaller lots compare with those on larger lots. Row homes built since 2000 average 0.24 K-12 students, compared with 0.42 for detached homes.

Table 9
Average Number of PPS Students per Home, Fall 2015
By Housing Type and Grade Level

	Grade Level			
	K-5	**6-8**	**9-12**	**K-12**
Single family homes built 2000-2014	0.18	0.09	0.09	**0.36**
detached homes built 2000-2014	*0.21*	*0.10*	*0.11*	***0.42***
row homes built 2000-2014	*0.12*	*0.05*	*0.07*	***0.24***
Single family homes built 1985-1999	0.13	0.08	0.10	**0.31**
detached homes built 1985-1999	*0.14*	*0.08*	*0.11*	***0.34***
row homes built 1985-1999	*0.07*	*0.04*	*0.04*	***0.15***
Single family homes built before 1985	0.14	0.06	0.07	**0.27**
Condominiums	0.03	0.01	0.02	**0.06**
Apartments (4+ unit buildings)	0.06	0.02	0.03	**0.11**
affordable	*0.09*	*0.03*	*0.04*	***0.17***
market rate	*0.05*	*0.02*	*0.03*	***0.09***
Duplexes and Triplexes	0.08	0.04	0.05	**0.17**
Manufactured homes in M.H. Parks	0.16	0.07	0.08	**0.30**

Source: Data compiled by PSU-PRC, using PPS student data and geographic shape files from Metro RLIS. Excludes housing built after 2014 and senior housing developments.

Among recently built multiple family developments within PPS, a large majority of units are one bedroom or smaller market-rate rental apartments in buildings of 50 or more units along major

transit corridors or in high density neighborhoods. Some of the buildings include two bedroom units, while others have exclusively one bedroom or studio units. Our housing unit inventory includes 5,900 units built between 2010 and 2014; those are home to 418 PPS K-12th grade students. However, more than two thirds of these students reside in developments that include income-restricted affordable units. There were only 127 students living in the nearly 4,700 market rate units built between 2010 and 2014, or about one student for every 40 units.

While the number of PPS students in recently built market-rate apartments may grow over time, and the large number of units in the pipeline will contribute to enrollment growth in some of the District's schools, the number of PPS students per unit is likely to remain low unless larger, affordable units are included in the mix. In specific developments, we have measured SGRs ranging from zero in buildings with exclusively small market rate units to nearly 2.00 in income-restricted three bedroom units. This variation illustrates the challenge of anticipating the number of students in future multiple family developments without more detailed information than simply the number of units.

The Portland City Council adopted the 2035 Comprehensive Plan, a long-range 20-year plan that sets the framework for the physical development of the city, on June 15, 2016.[6] In its scenario planning, the City identified 11 housing types based on recent development trends, suitable for a diverse mix of future households, considering the age of householders, income, household size, and presence of children. The City's Buildable Lands Inventory and Growth Allocation GIS model identifies lands within PPS that could accommodate about 85,000 additional housing units, including about 14,000 single family homes.[7]

[6] City of Portland, Comprehensive Plan Update, at http://www.portlandoregon.gov/bps/57352.

[7] PSU Population Research Center Analysis of *Buildable Lands Inventory and Growth Allocation GIS model*, City of Portland, Bureau of Planning and Sustainability, April 22, 2016.

ENROLLMENT FORECASTS

Forecast Process

The forecast process is geographically top-down, divided into four stages:

- District-wide forecasts by grade level are prepared using a cohort-component model, described in more detail below. A medium growth scenario, considered the most likely scenario consistent with long term demographic trends and expected population growth, is prepared first. Migration levels are adjusted to produce alternative high and low growth scenarios for the District. All three growth scenarios use the same fertility rates and long run capture rates.

- Second, forecasts of PPS students by grade level residing in each high school cluster (HSCL) are prepared and controlled to the district-wide medium growth forecast.

- Third, forecasts of PPS students by grade level residing within elementary, middle, and high school attendance areas are prepared within each cluster, with attendance area resident forecasts controlled to the HSCL forecasts. This step includes forecasts of residents and non-residents attending each neighborhood school.

- The fourth step is to prepare enrollment forecasts for schools that have no attendance area. The largest of the district-run non-neighborhood schools are forecast individually, and alternative programs, community based programs, special services, and charter schools are grouped into an "other schools and programs" category.

District-wide Population and Enrollment Forecasts: Methodology

The district-wide forecasts are the sum of two parts: resident forecasts consistent with population forecasts by age group, and non-resident forecasts based on recent trends in the number of PPS students living outside of the District's boundaries.

Cohort-Component Model for District Residents

To ensure that enrollment forecasts are consistent with the dynamics of likely population growth within the District, a grade progression enrollment model is combined 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. An area's population grows when births outnumber deaths and when more people move into an area than out of it. These events occur at different rates for persons of different age groups, or **cohorts**. For example, people tend to relocate the most when they are in their 20s and the elderly have a lower chance than people in their 40s to survive over a ten year period. 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.

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.

We estimated the number of births to women residing within the District each year from 1999 to 2014, using data from the Oregon Department of Human Services, Center for Health Statistics. Detailed information including the age of mothers is incorporated in the establishment of fertility rates by age group for both 2000 and 2010. Small increases in fertility rates in future years are implemented because 2010 rates were unusually low as a result of the recession, and to reflect the long term trend of increases among women age 30 and older.[8] The TFR increases from 1.33 in 2010 to 1.34 in 2020 and 1.37 in 2030.

[8] "In a Down Economy, Fewer Births." Pew Research Center, Pew Social & Demographic Trends, October 2011.

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 2009-2010 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 District 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. After some initial fluctuation, capture rates for District residents of 0.835 for kindergarten and 0.857 for first grade are established in the long range forecast.

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. 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; for example, the number of students enrolled in second grade this year divided by the number of students enrolled in first grade last year. These 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.

Grade Progression Model for PPS Students Residing Outside of the District.

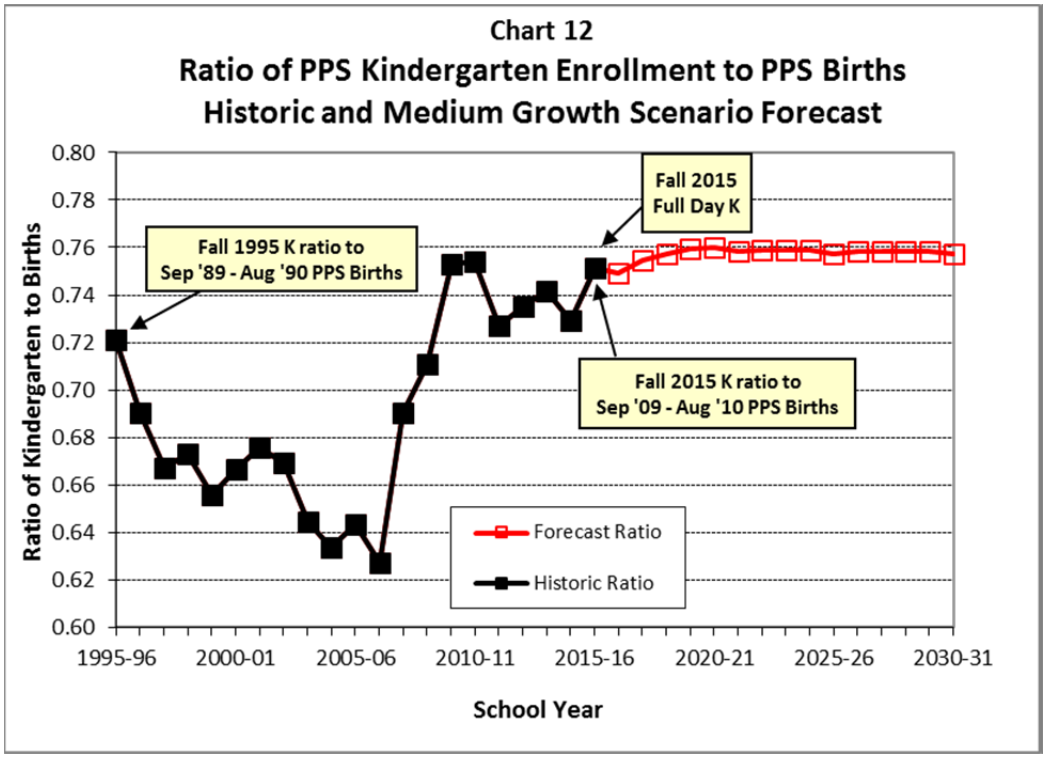
To derive the total district-wide enrollment, it is necessary to include non-residents, who comprise just over two percent of the District total. They are not linked to District population in the way that residents are, so an additional component of the district-wide forecast is a grade progression model for out-of-district residents.

A simple linear trend is used to forecast out-of-district PPS kindergarten students. For each grade from 1 to 12, the model incorporates recent GPRs for PPS students residing out of the district by grade level. In order to determine the GPRs for the future, weighted averages of the ratios for each grade level from the past four years were calculated. A heavier weight is applied

to the years that are assumed to have more bearing on future enrollments, allowing the trends of those to dominate over the other years.

District-wide Population and Enrollment Forecasts: Results

The ratio of PPS kindergarten enrollment to corresponding PPS resident births is shown in Chart 12. The decline in this ratio from the late 1990s to mid-2000s contributed to significant losses in elementary enrollment that persisted until 2006-07. For the four years from 2003-04 to 2006-07, the ratio bottomed out in the range between 0.62 and 0.64. That means that there were 36 to 38 percent fewer PPS kindergarten students than births within PPS five years earlier, due to a combination of negative net migration and the District's capture rates. For three consecutive years after 2006-07, big increases in kindergarten enrollment pushed the ratio up to 0.75; it has remained near that level for seven years. This ratio is not explicitly used in the forecast models, but it may provide a helpful context to explain enrollment growth. Future ratios calculated by comparing kindergarten enrollment forecasts and births in the medium forecast scenario are included in the chart. Seven years of relatively stable ratios between 0.73 and 0.75 suggest that larger kindergarten classes are the "new normal." Most recently, the ratio increased slightly in 2015-16, when tuition-free full-day kindergarten became standard throughout the District.



The differences between the three scenarios are the result of different assumptions about the levels of net migration (the net movement into and out of the District). Assumptions about mortality, fertility, and capture rates during the 15 year forecast horizon do not vary between the three scenarios. Fertility rates remain close to levels observed in 2010. Because the models use actual births through 2014, unforeseen shifts in fertility could impact enrollments beginning with the 2020-21 kindergarten class. Small changes in capture rates occur based on the cumulative impact of individual families choosing whether to enroll in District schools or alternatives including private schools. However, neither fertility nor capture rate changes are likely to affect enrollment to the extent that changes in migration could.

Total population within the District grew by about 26,000 persons between 1990 and 2000; the growth increased to 34,000 persons between 2000 and 2010. In both decades, PPS population grew due to net in-migration as well as natural increase (more births than deaths). The larger numeric growth in the 2000s was entirely attributable to increased net migration, which accounted for about half of the net population increase between 2000 and 2010. The first two columns in Chart 13 show the increase from about 9,000 to over 17,000 net migrants.

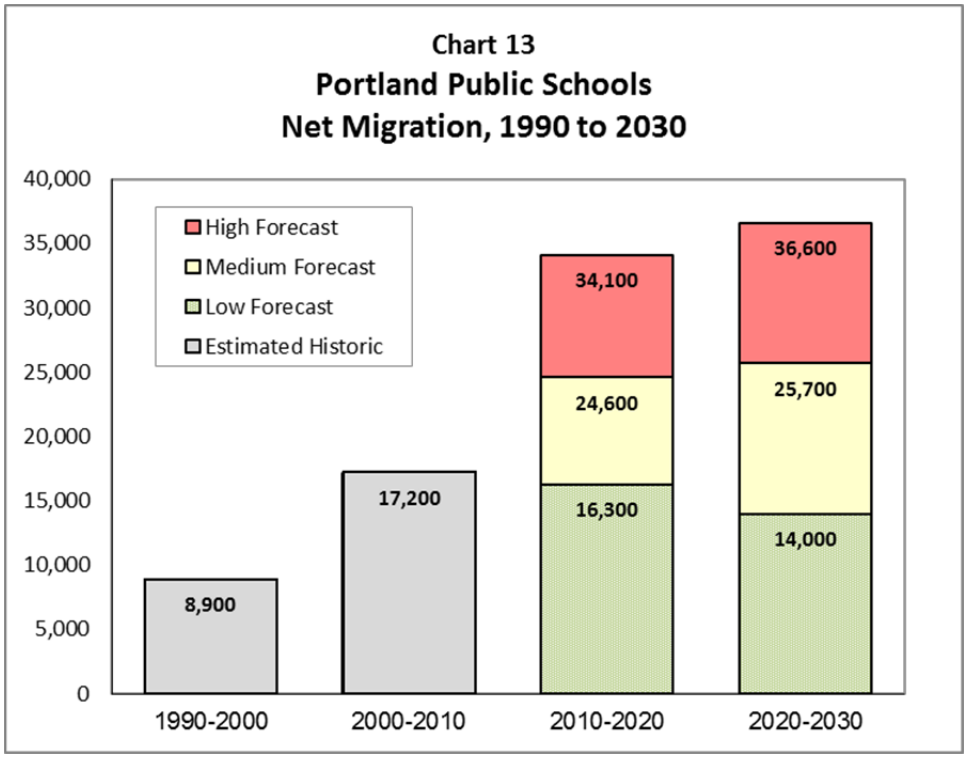
While the overall level of net migration drives growth in total population, assumptions about the age distribution of future migrants are critical drivers of school-age population. The columns in Chart 14 show net migration by age group between 2000 and 2010, with large inflows among cohorts who were age 20 to 34 at the end of the decade, and small outflows among every other cohort. In aggregate numbers, the net inflow of 48,000 young adults was partly offset by the net outflow of 31,000 others, resulting in the net gain of 17,000 residents. This pattern was similar to the 1990s, when the only cohorts with positive net migration were those age 20 to 34 in 2000, accounting for a net inflow of 40,000 young adults offset by net outflow of 31,000 others.

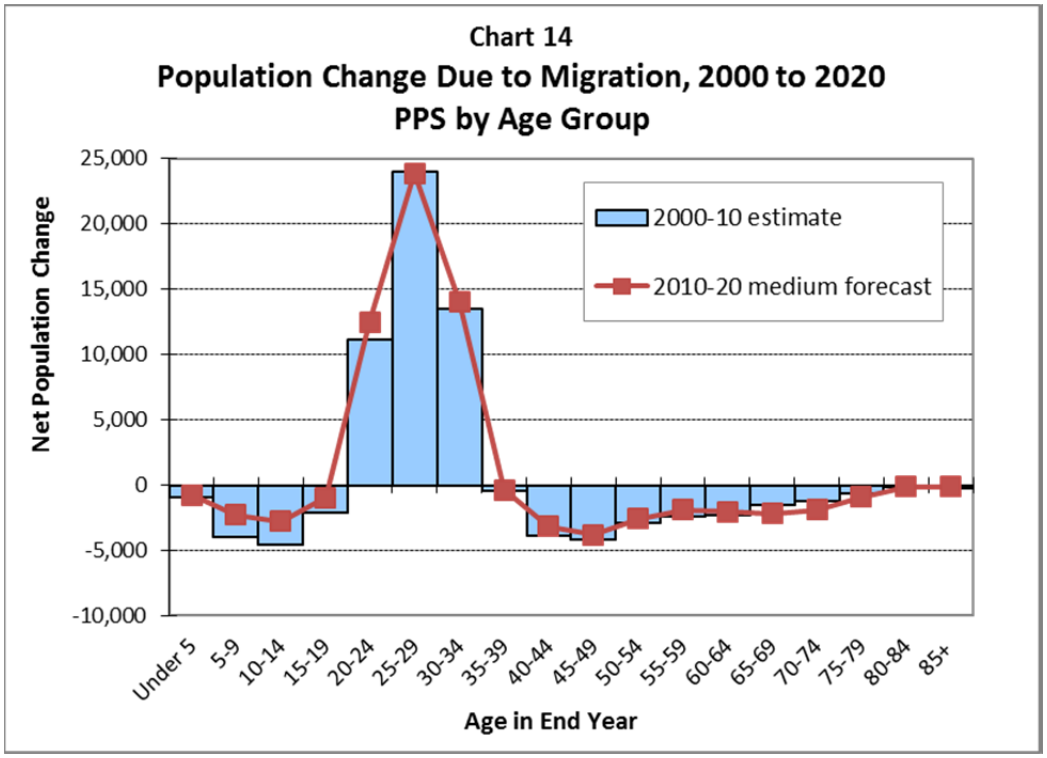
The medium scenario includes future net migration levels even greater than in the 2000 to 2010 decade. Chart 13 shows the increase from about 17,000 estimated in the 2000s to about 25,000 forecast each decade in the 2010s and 2020s. The age distribution of net migration in the 2010s, depicted by the line in Chart 14, remains similar to the 1990s and 2000s, but assumes a slightly larger inflow of young adults and a slightly smaller outflow at other age groups. Total population growth in the medium scenario increases from 34,000 (eight percent) observed in

the 2000s to 39,600 (nine percent) in the 2010s, but slows to about 36,000 (seven percent) in the 2020s. Total births increase each decade, but total deaths increase faster as the population ages. Therefore, the contribution of natural increase to population growth will decrease throughout the forecast horizon. If future rates of household formation by age group remain at their 2010 levels, the medium scenario would be consistent with an increase of about 42,000 households within PPS between 2010 and 2030.

The low scenario includes less growth due to net migration each decade than was observed between 2000 and 2010. With net migration of about 16,000 in the 2010s and 14,000 in the 2020s, overall population growth slows to 31,000 (seven percent) in the 2010s, and 24,000 (five percent) in the 2020s. If future rates of household formation by age group remain at their 2010 levels, the low scenario would be consistent with an increase of about 32,000 households within PPS between 2010 and 2030.

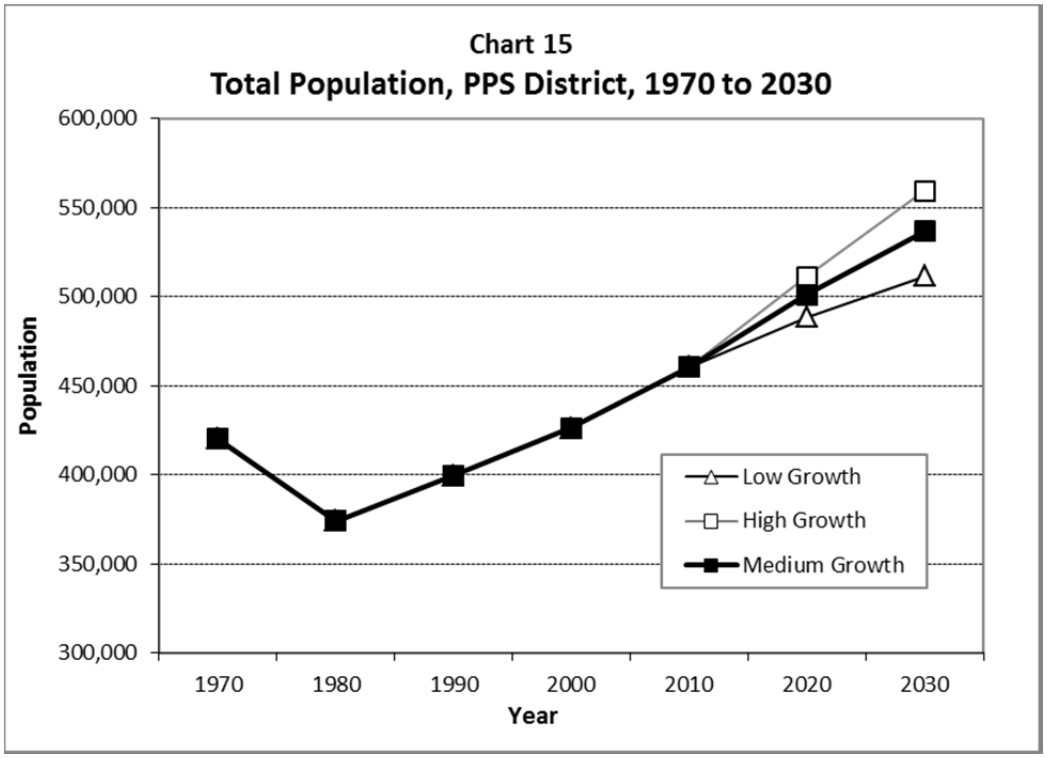
The high scenario includes future positive net migration levels about twice as large as in 2000 to 2010, increasing to more than 34,000 between 2010 and 2020, and over 36,000 between 2020 and 2030. Overall population growth increases to about 50,000 (11 percent) in the 2010s, and 48,000 (nine percent) in the 2020s. If future rates of household formation by age group remain at their 2010 levels, the high scenario would be consistent with an increase of about 52,000 households within PPS between 2010 and 2030.





The total population forecast under each scenario is illustrated in Chart 15. Population within the District fell between 1970 and 1980, a period of very little housing growth and declining

average household sizes. Since the 1980s, the District has grown, from 374,000 in 1980 to over 460,000 in 2010. Growth continues under all three scenarios, but at different rates. By 2030, the District's population is about 515,000 in the low forecast, 536,000 in the medium forecast, and 557,000 in the high forecast.



In the medium scenario, K-12 enrollment increases by an average of more than 400 students annually over the 15 year forecast horizon, reaching 54,383 in 2030-31. Elementary growth is slow during the first several years of the forecast, as incoming kindergarten classes remain close to or slightly below recent levels due to the local, state, and national birth downturn. Middle school and high school grade enrollments experience the largest growth initially, reflecting the larger cohorts attributable to the elementary growth that began in 2007.

In the low scenario, K-12 enrollment growth averages about 240 students annually, reaching 51,724 in 2030-31. Elementary enrollments decline during the first five years of the forecast; secondary enrollments increase due to the larger elementary cohorts already enrolled in PPS in fall 2015.

In the high scenario, K-12 enrollment growth averages about 560 students annually, reaching 56,600 in 2030-31. Growth is sustained at a level equal to or higher than the most recent five years since 2010-11, although there is less growth in elementary grades and more growth in secondary grades compared with the 2010-11 to 2015-16 period.

Enrollment forecasts in five year increments based on these three district-wide forecast scenarios are summarized in Table 10. Five years of history are included in the table for comparison. Detailed forecasts by year and by individual grade are in Appendix A.

Table 10
PPS District-wide Forecasts by Grade Level

MEDIUM Growth Scenario

	Historic		Forecast		
	2010-11	**2015-16**	**2020-21**	**2025-26**	**2030-31**
Grades K-5	22,868	24,607	24,710	25,976	26,900
5 year change		*1,739*	*103*	*1,266*	*924*
Grades 6-8	9,845	10,747	11,822	11,521	12,229
5 year change		*902*	*1,075*	*-301*	*708*
Grades 9-12	13,028	12,798	14,387	15,232	15,254
5 year change		*-230*	*1,589*	*845*	*22*
Total K-12	**45,741**	**48,152**	**50,919**	**52,729**	**54,383**
5 year change		***2,411***	***2,767***	***1,810***	***1,654***

LOW Growth Scenario

	Historic		Forecast		
	2010-11	**2015-16**	**2020-21**	**2025-26**	**2030-31**
Grades K-5	22,868	24,607	23,970	24,907	25,620
5 year change		*1,739*	*-637*	*937*	*713*
Grades 6-8	9,845	10,747	11,657	11,043	11,604
5 year change		*902*	*910*	*-614*	*561*
Grades 9-12	13,028	12,798	14,268	14,827	14,500
5 year change		*-230*	*1,470*	*559*	*-327*
Total K-12	**45,741**	**48,152**	**49,895**	**50,777**	**51,724**
5 year change		***2,411***	***1,743***	***882***	***947***

HIGH Growth Scenario

	Historic		Forecast		
	2010-11	**2015-16**	**2020-21**	**2025-26**	**2030-31**
Grades K-5	22,868	24,607	25,214	26,749	27,816
5 year change		*1,739*	*607*	*1,535*	*1,067*
Grades 6-8	9,845	10,747	12,012	11,915	12,763
5 year change		*902*	*1,265*	*-97*	*848*
Grades 9-12	13,028	12,798	14,627	15,735	16,021
5 year change		*-230*	*1,829*	*1,108*	*286*
Total K-12	**45,741**	**48,152**	**51,853**	**54,399**	**56,600**
5 year change		***2,411***	***3,701***	***2,546***	***2,201***

Source: Historic enrollment, Portland Public Schools; enrollment forecasts, Population Research Center, PSU. Does not include pre-kindergarten.

Resident Enrollment Forecasts by High School Cluster: Methodology

Grade progression models are used to forecast the number of PPS students residing in each of the District's eight high school clusters (HSCLs). The HSCL kindergarten forecasts utilize a combination of two methods: ratios of resident kindergarten students to corresponding births and HSCL shares of district-wide kindergarten, adjusted to reflect the expected geographic distribution of future housing development. For grades 1 to 12, GPRs account for the effects of mobility, capture rates, and dropout or retention rates. They are initially based on averages of the ratios from the past five years, and are adjusted as needed to mute the influence of extreme outliers or to incorporate assumptions about growth. Information from the City of Portland's Comprehensive Plan update provided guidance about the potential distribution of future growth.

Under the City of Portland 2035 Comprehensive Plan, the number of housing units within PPS could grow to about 314,000. That would be a significant increase over the 2010 housing stock of about 219,000 units. However, enrollment will grow at a much slower rate than the rate of housing growth due to decreases in household size and an increasing share of smaller housing units associated with changing demand and limited land supply. Given the expected mix of new housing under an average of the alternative scenarios, a housing-based model using SGRs specific to the 11 housing types depicted in the Comprehensive Plan's *Growth Scenarios Background Report* produced district-wide enrollment growth similar to the medium scenario cohort-component forecast.[9] Results of the housing model for each HSCL were not used explicitly in the model, but they influenced the final adjustments of GPRs as well as HSCL shares of district-wide births and kindergarten to birth ratios.

Resident Enrollment Forecasts by High School Cluster: Results

Resident growth is forecast in all clusters in each forecast increment. The Cleveland and Lincoln clusters are expected to contain the greatest number of new housing units; they are among the three HSCLs with the largest numeric and percentage enrollment growth. Both Cleveland and Lincoln are expected to gain 18 percent more K-12 residents in the 15 year horizon. The Wilson

[9] See Table 12 in *Growth Scenarios Background Report*, City of Portland, Bureau of Planning and Sustainability, July 2015. http://www.portlandoregon.gov/bps/article/531170.

HSCL has more capacity than Cleveland or Lincoln for single family housing growth, and leads all clusters with 21 percent K-12 resident growth.

Table 11 presents summaries of the resident forecasts for high school clusters for 2020-21, 2025-30, and 2030-31. Forecasts of PPS students by the high school cluster in which they reside are detailed by year and by grade level group (K-5, 6-8, 9-12) in Appendix Table B1.

Table 11
Portland Public Schools Forecast K-12 Enrollment
By High School Cluster of Residence

HS Cluster[1]	2015-16 Actual	2020-21 Forecast	2025-26 Forecast	2030-31 Forecast	15 to '30 Change		15 to '30 Average Annual Change	
Cleveland	6,839	7,555	7,734	8,036	1,197	*18%*	80	*1.1%*
Franklin	7,910	8,301	8,493	8,818	908	*11%*	61	*0.7%*
Grant[2]	5,355	5,703	5,838	5,955	600	*11%*	40	*0.7%*
Jefferson	5,651	6,010	6,305	6,525	874	*15%*	58	*1.0%*
Lincoln	5,246	5,640	5,941	6,184	938	*18%*	63	*1.1%*
Madison[2]	5,815	6,049	6,204	6,361	546	*9%*	36	*0.6%*
Roosevelt[2]	4,763	4,811	4,946	5,052	289	*6%*	19	*0.4%*
Wilson	5,132	5,639	6,029	6,235	1,103	*21%*	74	*1.3%*
Out of District	1,188	1,211	1,239	1,217	29	*2%*	2	*0.2%*
PPS Total	**47,899**	**50,919**	**52,729**	**54,383**	**6,484**	***14%***	**432**	***0.8%***

1. For all years, students are counted by 2015-16 cluster boundaries.
2. Jefferson Dual Assignment Zone residents are reported in the Jefferson cluster, and not included in the Grant, Madison, or Roosevelt attendance area totals.

Resident Enrollment Forecasts by Attendance Area: Methodology

Individual models specific to each HSCL include resident forecasts for each elementary school attendance area (ESAA) by grade for grades K-12. Several years of historic enrollment by residence are included to establish trends in kindergarten enrollment and grade progressions. Kindergarten forecasts are based on historic shares of HSCL kindergarten residents, with minor adjustments based on expected housing growth among ESAAs within each cluster. For residents in grades 1 to 12, initial GPRs are based on a weighted average of the most recent three years, adjusted as needed to account for outliers. These initial forecasts based on the GPR model are controlled to be consistent with the HSCL forecast for each grade in each year of the forecast.

Because middle school attendance areas (MSAAs) are composed of one or more ESAAs, the resident forecasts for MSAAs are simply the sum of component ESAA forecasts. High school attendance area (HSAA) forecasts are also the sum of ESAA forecasts, although the Jefferson-Madison and Jefferson-Roosevelt Dual Assignment Zones split the Faubion ESAA, requiring the Faubion ESAA forecast to be allocated to each zone. The Bridlemile ESAA forecast is also split, reflecting portions assigned to either the West Sylvan or Gray MSAAs and the Lincoln or Wilson HSAAs beginning in the 2017-18 school year.

Resident Enrollment Forecasts by Attendance Area: Results

Resident forecasts by attendance area are detailed in Appendix Tables B2 to B6 for the relevant grade levels. That is, K-5th grade for ESAAs, 6th-8th grade for MSAAs, and 9th-12th grade for HSAAs. Forecasts are tabulated for each year from 2016-17 to 2030-31, the same horizon as the district-wide forecasts. The history and forecasts in Tables B2 to B6 are tabulated by 2016-17 boundaries, with the exception of Lincoln and Wilson cluster secondary schools for which 2017 boundary changes have already been approved. Residents of those areas are reported in their new boundaries beginning in the 2017-18 school year.

Enrollment Forecasts for Individual Schools: Methodology

Historic figures for resident and non-resident enrollment for individual neighborhood schools are compiled within the same models for each HSCL as the attendance area resident forecasts.

The resident forecast for each neighborhood school relies on its attendance area resident forecast and assumptions about its capture rate of attendance area residents at the entry grade. These entry grade rates are based on recent trends. For example, an elementary school with a forecast of 100 PPS kindergarten residents and a kindergarten capture rate of 0.85 would be expected to enroll 85 neighborhood students. Forecasts of other grades are based on GPRs, in the manner of the resident forecasts in the same models. The share of residents attending their neighborhood school can change in the forecast, but the relationship between resident enrollment and total residents in an attendance area is monitored closely. Certainly, the number of residents at a school can't exceed the number of attendance area residents attending all PPS schools, by grade level.

Nonresident enrollment at individual neighborhood schools is based on historic trends and information about the number of school choice lottery transfer slots or special programs such as language immersion. Some neighborhood schools that have limited classroom space are closed to new lottery transfers and will gradually reduce their non-resident enrollment.[10]

Forecasts for middle schools and high schools are similar to those for elementary and K-8 schools except that the entry grade for resident shares and non-resident totals is 6th or 9th grade instead of kindergarten. Some high schools have more than one resident enrollment component, due to past boundary changes or dual assignment zones.

The forecasts for eight schools and programs that do not have a neighborhood boundary also are grade progression models similar to the non-resident portion for the neighborhood schools. The "other schools and programs" category is computed as the residual of district-wide enrollment minus grade level enrollments at each of the neighborhood and non-neighborhood schools for which individual forecasts are prepared. As a check to prevent the residual from

[10] Information about school choice and the number of lottery transfer slots at each school is available at http://www.pps.net/Page/2343.

deviating substantially from historic norms and trends, it is compared with a grade progression forecast that utilizes enrollment history for the "other schools and programs" category. Final adjustments are made to forecasts for individual schools to minimize the differences between the residual and grade progression methods.

Enrollment Forecasts for Individual Schools: Results

The school forecasts maintain the 2016-17 boundaries and grade configurations for all neighborhood schools throughout the 15 year forecast horizon, with the exception of secondary schools in the Lincoln and Wilson clusters, which reflect new boundaries beginning in 2017-18. The Board approved a resolution to open two additional middle schools in north and northeast Portland in fall 2017.[11] However, boundaries have not yet been adopted; these forecasts maintain 2016-17 boundaries and grade configurations in those neighborhoods. While reduction in non-resident enrollment may occur due to fewer lottery transfers at many schools, school capacities do not constrain the forecasts.

Enrollments are stable at most of the non-neighborhood schools, with similar numbers of students at each grade year after year. An exception in these forecasts is Benson High School, where the number of freshman slots was raised from 275 in the 2015-16 school year to 300 in 2016-17 and 365 in 2017-18.[12]

Appendix C includes annual enrollment forecasts by grade level (K-2, 3-5, 6-8, and 9-12) for each of the District's neighborhood schools and eight schools and programs that do not have a neighborhood boundary (ACCESS, Benson High, Creative Science, da Vinci, Metropolitan Learning Center, Odyssey, Richmond, and Winterhaven). PPS students not attending any of the schools listed in the tables are combined in the "Other Schools and Programs" category. These include other focus/alternative programs, community based programs, special services, and public charter schools.

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[11] See http://www.pps.net/Page/8859.

[12] See January 12, 2016 Board report at http://www.pps.net/cms/lib8/OR01913224/Centricity/Domain/219/01-12-16%20Final%20Packet.pdf.

FORECAST ACCURACY

Enrollment forecasts are utilized as a school planning tool and as a basis for community discussions about future school facility needs. 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.

This is the 17th consecutive year that PRC has conducted enrollment forecasts for PPS. Table 12 compares the total K-12 forecasts from each of the past 10 series with the actual K-12 enrollments through 2015-16. The "base year" indicates the most recent actual enrollment that PRC researchers used when they prepared the forecasts.

The earliest forecasts shown in the table predicted that enrollment would fall each year until 2011-12 or 2012-13 and then increase slightly. The actual enrollment decline only persisted until 2008-09, and the subsequent increases were much greater than forecast, resulting in steadily increasing errors — as great as 11 percent for 2015-16 forecasts done nine and ten years previously. District-wide forecasts prepared over the most recent six years have been much more accurate. Actual K-12 enrollments have remained within one percent of every medium scenario forecast prepared since 2010.

Overall K-12 enrollment forecasts tend to be more accurate than forecasts for individual grades because of compensating errors. For example, if 9th grade forecasts are too high and 8th grade forecasts are too low, the errors may cancel each other out in the K-12 total. Table 13 reports grade level errors in the medium growth scenario forecasts for school year 2015-16 prepared in each of the four previous years. In this evaluation, the mean absolute percent error (MAPE) increases with the forecast horizon. The one year grade level MAPE was only 0.8 percent, while for four year MAPE was 2.4 percent. One year forecasts for eight of the 13 grades were within one percent of actual enrollments. One year forecasts for 7th grade (1.6 percent low) and 12th grade (1.7 percent high) were the least reliable.

Table 12
District-wide Forecast Error

School Year	Actual Enroll.[1]	K-12 Enrollment Forecasts by Base Year[2]									
		'05-'06	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15
2005-06	46,122										
2006-07	45,446	45,404									
2007-08	45,083	44,711	44,833								
2008-09	45,024	43,968	44,200	44,729							
2009-10	45,592	43,361	43,613	44,534	45,046						
2010-11	45,741	42,852	43,024	44,406	45,092	45,653					
2011-12	46,206	42,596	42,693	44,357	45,288	45,993	45,979				
2012-13	46,517	42,656	42,508	44,611	45,696	46,588	46,451	46,661			
2013-14	47,127	42,666	42,659	44,651	45,886	46,979	46,766	46,901	46,980		
2014-15	47,579	42,688	42,693	44,789	46,226	47,420	47,325	47,268	47,544	47,617	
2015-16	48,152	42,810	42,762	45,013	46,695	47,943	47,732	47,847	48,265	48,187	48,164

School Year	Percentage Error in K-12 Enrollment Forecasts by Base Year[2]									
	'05-'06	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15
2006-07	*-0.1%*									
2007-08	*-0.8%*	*-0.6%*								
2008-09	*-2.3%*	*-1.8%*	*-0.7%*							
2009-10	*-4.9%*	*-4.3%*	*-2.3%*	*-1.2%*						
2010-11	*-6.3%*	*-5.9%*	*-2.9%*	*-1.4%*	*-0.2%*					
2011-12	*-7.8%*	*-7.6%*	*-4.0%*	*-2.0%*	*-0.5%*	*-0.5%*				
2012-13	*-8.3%*	*-8.6%*	*-4.1%*	*-1.8%*	*0.2%*	*-0.1%*	*0.3%*			
2013-14	*-9.5%*	*-9.5%*	*-5.3%*	*-2.6%*	*-0.3%*	*-0.8%*	*-0.5%*	*-0.3%*		
2014-15	*-10.3%*	*-10.3%*	*-5.9%*	*-2.8%*	*-0.3%*	*-0.5%*	*-0.7%*	*-0.1%*	*0.1%*	
2015-16	*-11.1%*	*-11.2%*	*-6.5%*	*-3.0%*	*-0.4%*	*-0.9%*	*-0.6%*	*0.2%*	*0.1%*	*0.0%*

1. Includes ungraded, excludes pre-kindergarten.

2. Previous reports included either one or three alternative forecast series. Forecasts presented in this table are those characterized as "Medium" when more than one alternative was prepared.

Table 13

Forecast Error by Grade Level, 2015-16 Enrollments

Grade	2015-16 Enroll-ment	2015-16 Enrollment Forecasts by Base Year*							
		2014-15 (1 yr.)		2013-14 (2 yr.)		2012-13 (3 yr.)		2011-12 (4 yr.)	
		Fcst.	Error	Fcst.	Error	Fcst.	Error	Fcst.	Error
K	4,097	4,139	*1.0%*	4,142	*1.1%*	4,212	*2.8%*	4,053	*-1.1%*
1	4,266	4,213	*-1.2%*	4,260	*-0.1%*	4,306	*0.9%*	4,119	*-3.4%*
2	4,256	4,251	*-0.1%*	4,229	*-0.6%*	4,271	*0.4%*	4,122	*-3.1%*
3	4,233	4,243	*0.2%*	4,253	*0.5%*	4,217	*-0.4%*	4,052	*-4.3%*
4	3,983	3,995	*0.3%*	3,990	*0.2%*	3,940	*-1.1%*	3,964	*-0.5%*
5	3,772	3,822	*1.3%*	3,780	*0.2%*	3,758	*-0.4%*	3,837	*1.7%*
6	3,722	3,715	*-0.2%*	3,750	*0.8%*	3,681	*-1.1%*	3,763	*1.1%*
7	3,601	3,545	*-1.6%*	3,629	*0.8%*	3,601	*0.0%*	3,642	*1.1%*
8	3,424	3,394	*-0.9%*	3,477	*1.5%*	3,458	*1.0%*	3,466	*1.2%*
9	3,259	3,228	*-1.0%*	3,274	*0.5%*	3,307	*1.5%*	3,340	*2.5%*
10	3,131	3,150	*0.6%*	3,228	*3.1%*	3,252	*3.9%*	3,228	*3.1%*
11	2,981	2,983	*0.1%*	2,948	*-1.1%*	3,034	*1.8%*	3,046	*2.2%*
12	3,427	3,486	*1.7%*	3,227	*-5.8%*	3,228	*-5.8%*	3,215	*-6.2%*
Total	**48,152**	**48,164**	***0.0%***	**48,187**	***0.1%***	**48,265**	***0.2%***	**47,847**	***-0.6%***
Mean Absolute Pct. Error			***0.8%***		***1.3%***		***1.6%***		***2.4%***

**Note: Medium Growth Scenarios*

Finally, Table 14 compares actual 2015-16 enrollments by resident high school cluster and grade level group with the most recent HSCL forecasts, which were two year forecasts based on 2013-14 enrollments. K-12 forecasts for three of the District's eight clusters were within one percent of actual enrollments, while another two clusters differed by two percent or less. Larger errors are evident for the Roosevelt cluster, where the K-12 forecast was 5.2 percent high, the Lincoln cluster, where the K-12 forecast was 2.6 percent low, and the Wilson cluster, where the K-12 forecast was 4.1 percent low. An evaluation of forecast error by grade level group by high school cluster shows that forecasts were relatively reliable across all grade level groups for the Cleveland and Jefferson clusters, while forecasts for each grade level group were consistently low for the Wilson HSCL and high for the Roosevelt HSCL. The largest error for any grade level group was for K-2nd grade residents of the Lincoln cluster, where the forecasts were seven percent below actual enrollments.

Table 14

Two Year Forecast Error by High School Cluster of Residence

2015-16 Forecast based on Fall 2013 Enrollment

	K-12 Residents		K-12 Forecast Error	
HS Cluster	**Forecast**	**Actual**	**Number**	**Percent**
Cleveland	7,076	7,079	-3	*0.0%*
Franklin	8,078	7,923	155	*2.0%*
Grant[1]	5,351	5,355	-4	*-0.1%*
Jefferson	5,664	5,651	13	*0.2%*
Lincoln	5,108	5,246	-138	*-2.6%*
Madison[1]	5,909	5,815	94	*1.6%*
Roosevelt[1]	5,012	4,763	249	*5.2%*
Wilson	4,920	5,132	-212	*-4.1%*
Mean Absolute Percent Error (MAPE)				***2.0%***

Percent Forecast Error by Grade Level Groups [2]

HS Cluster	**K-2**	**3-5**	**6-8**	**9-12**
Cleveland	*-1.9%*	*1.6%*	*2.8%*	*-2.3%*
Franklin	*5.8%*	*2.1%*	*0.7%*	*-1.0%*
Grant[1]	*-2.8%*	*-2.5%*	*4.1%*	*1.5%*
Jefferson	*2.0%*	*-2.7%*	*0.1%*	*1.3%*
Lincoln	*-7.3%*	*2.0%*	*0.6%*	*-4.8%*
Madison[1]	*2.6%*	*3.0%*	*-1.0%*	*1.7%*
Roosevelt[1]	*6.0%*	*4.4%*	*5.9%*	*4.8%*
Wilson	*-5.2%*	*-3.4%*	*-1.1%*	*-6.5%*
MAPE	***4.2%***	***2.7%***	***2.0%***	***3.0%***

1. Jefferson Dual Assignment Zone residents are reported in the Jefferson cluster, and not included in the Grant, Madison, or Roosevelt attendance area totals.

2. Negative percentages indicate that actual enrollments were higher than forecast; positive percentages indicate that actual enrollments were lower than forecast.

APPENDIX A

DISTRICT-WIDE ENROLLMENT FORECASTS

2016-17 to 2030-31

Portland Public Schools, Enrollment Forecasts, 2016-17 to 2030-31

Table A1. Medium Growth Scenario, District-wide Enrollment by Grade and Year

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	**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**	**2026-27**	**2027-28**	**2028-29**	**2029-30**	**2030-31**
K	4,244	4,127	4,097	4,103	4,089	4,116	4,148	4,195	4,262	4,322	4,380	4,436	4,486	4,509	4,507	4,505	4,503	4,496
1	4,369	4,302	4,266	4,186	4,191	4,178	4,196	4,224	4,276	4,338	4,399	4,458	4,515	4,566	4,589	4,587	4,585	4,587
2	4,082	4,287	4,256	4,212	4,133	4,142	4,129	4,143	4,171	4,222	4,283	4,344	4,402	4,458	4,509	4,531	4,529	4,536
3	3,864	4,041	4,233	4,214	4,171	4,096	4,105	4,088	4,102	4,130	4,180	4,241	4,301	4,358	4,414	4,464	4,486	4,488
4	3,906	3,864	3,983	4,183	4,165	4,125	4,052	4,057	4,040	4,054	4,081	4,131	4,191	4,251	4,307	4,363	4,412	4,434
5	3,775	3,865	3,772	3,934	4,132	4,119	4,079	4,003	4,008	3,991	4,005	4,032	4,081	4,141	4,200	4,255	4,311	4,359
6	3,547	3,594	3,722	3,640	3,796	3,991	3,981	3,936	3,864	3,869	3,853	3,866	3,892	3,940	3,998	4,055	4,108	4,163
7	3,407	3,428	3,601	3,696	3,616	3,777	3,971	3,955	3,911	3,839	3,843	3,827	3,840	3,866	3,913	3,971	4,027	4,079
8	3,349	3,349	3,424	3,564	3,659	3,584	3,743	3,931	3,915	3,872	3,801	3,805	3,789	3,802	3,827	3,874	3,931	3,987
9	3,057	3,137	3,259	3,297	3,435	3,529	3,456	3,605	3,785	3,772	3,729	3,662	3,665	3,650	3,662	3,687	3,732	3,787
10	3,055	3,090	3,131	3,273	3,313	3,451	3,547	3,472	3,622	3,803	3,788	3,746	3,678	3,681	3,666	3,678	3,703	3,748
11	2,990	2,946	2,981	3,025	3,164	3,209	3,335	3,427	3,356	3,503	3,678	3,661	3,622	3,556	3,557	3,543	3,554	3,578
12	3,482	3,549	3,427	3,475	3,524	3,692	3,748	3,883	3,992	3,912	4,085	4,289	4,267	4,223	4,145	4,145	4,129	4,141
Total	47,127	47,579	48,152	48,802	49,388	50,009	50,490	50,919	51,304	51,627	52,105	52,498	52,729	53,001	53,294	53,658	54,010	54,383
K-2	12,695	12,716	12,619	12,501	12,413	12,436	12,473	12,562	12,709	12,882	13,062	13,238	13,403	13,533	13,605	13,623	13,617	13,619
3-5	11,545	11,770	11,988	12,331	12,468	12,340	12,236	12,148	12,150	12,175	12,266	12,404	12,573	12,750	12,921	13,082	13,209	13,281
6-8	10,303	10,371	10,747	10,900	11,071	11,352	11,695	11,822	11,690	11,580	11,497	11,498	11,521	11,608	11,738	11,900	12,066	12,229
9-12	12,584	12,722	12,798	13,070	13,436	13,881	14,086	14,387	14,755	14,990	15,280	15,358	15,232	15,110	15,030	15,053	15,118	15,254
K-12	47,127	47,579	48,152	48,802	49,388	50,009	50,490	50,919	51,304	51,627	52,105	52,498	52,729	53,001	53,294	53,658	54,010	54,383

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *July, 2016*

Portland Public Schools, Enrollment Forecasts, 2016-17 to 2030-31

Table A2. Low Growth Scenario, District-wide Enrollment by Grade and Year

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	**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**	**2026-27**	**2027-28**	**2028-29**	**2029-30**	**2030-31**
K	4,244	4,127	4,097	4,058	4,032	4,038	4,043	4,072	4,137	4,192	4,244	4,297	4,341	4,357	4,346	4,336	4,326	4,315
1	4,369	4,302	4,266	4,137	4,099	4,074	4,081	4,085	4,114	4,179	4,234	4,287	4,340	4,385	4,400	4,390	4,379	4,369
2	4,082	4,287	4,256	4,200	4,077	4,039	4,015	4,022	4,026	4,054	4,118	4,172	4,225	4,277	4,321	4,336	4,326	4,315
3	3,864	4,041	4,233	4,197	4,146	4,024	3,987	3,963	3,970	3,974	4,001	4,065	4,118	4,170	4,221	4,265	4,280	4,270
4	3,906	3,864	3,983	4,162	4,131	4,080	3,961	3,924	3,901	3,908	3,912	3,938	4,001	4,054	4,105	4,155	4,198	4,213
5	3,775	3,865	3,772	3,921	4,102	4,072	4,021	3,904	3,868	3,845	3,852	3,856	3,882	3,944	3,996	4,046	4,096	4,138
6	3,547	3,594	3,722	3,633	3,779	3,954	3,927	3,876	3,765	3,730	3,707	3,714	3,718	3,743	3,803	3,854	3,902	3,950
7	3,407	3,428	3,601	3,689	3,606	3,752	3,926	3,898	3,848	3,737	3,702	3,679	3,686	3,690	3,715	3,774	3,824	3,872
8	3,349	3,349	3,424	3,557	3,649	3,567	3,711	3,883	3,855	3,806	3,696	3,661	3,639	3,646	3,650	3,674	3,733	3,782
9	3,057	3,137	3,259	3,290	3,425	3,512	3,433	3,570	3,735	3,710	3,662	3,557	3,523	3,501	3,508	3,512	3,535	3,592
10	3,055	3,090	3,131	3,267	3,303	3,434	3,523	3,445	3,583	3,749	3,722	3,675	3,569	3,535	3,513	3,520	3,524	3,547
11	2,990	2,946	2,981	3,019	3,155	3,193	3,312	3,401	3,327	3,462	3,623	3,594	3,550	3,447	3,414	3,392	3,399	3,403
12	3,482	3,549	3,427	3,468	3,513	3,674	3,722	3,852	3,958	3,874	4,034	4,221	4,185	4,136	4,015	3,975	3,950	3,958
Total	47,127	47,579	48,152	48,598	49,017	49,413	49,662	49,895	50,087	50,220	50,507	50,716	50,777	50,885	51,007	51,229	51,472	51,724
K-2	12,695	12,716	12,619	12,395	12,208	12,151	12,139	12,179	12,277	12,425	12,596	12,756	12,906	13,019	13,067	13,062	13,031	12,999
3-5	11,545	11,770	11,988	12,280	12,379	12,176	11,969	11,791	11,739	11,727	11,765	11,859	12,001	12,168	12,322	12,466	12,574	12,621
6-8	10,303	10,371	10,747	10,879	11,034	11,273	11,564	11,657	11,468	11,273	11,105	11,054	11,043	11,079	11,168	11,302	11,459	11,604
9-12	12,584	12,722	12,798	13,044	13,396	13,813	13,990	14,268	14,603	14,795	15,041	15,047	14,827	14,619	14,450	14,399	14,408	14,500
K-12	47,127	47,579	48,152	48,598	49,017	49,413	49,662	49,895	50,087	50,220	50,507	50,716	50,777	50,885	51,007	51,229	51,472	51,724

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *July, 2016*

Portland Public Schools, Enrollment Forecasts, 2016-17 to 2030-31

Table A3. High Growth Scenario, District-wide Enrollment by Grade and Year

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	**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**	**2026-27**	**2027-28**	**2028-29**	**2029-30**	**2030-31**
K	4,244	4,127	4,097	4,151	4,136	4,183	4,218	4,287	4,364	4,425	4,484	4,538	4,589	4,621	4,628	4,634	4,640	4,646
1	4,369	4,302	4,266	4,225	4,245	4,230	4,274	4,314	4,379	4,456	4,518	4,578	4,633	4,685	4,718	4,724	4,731	4,737
2	4,082	4,287	4,256	4,225	4,184	4,204	4,189	4,229	4,268	4,332	4,409	4,470	4,529	4,584	4,635	4,668	4,674	4,681
3	3,864	4,041	4,233	4,229	4,198	4,157	4,177	4,158	4,198	4,236	4,300	4,376	4,437	4,495	4,550	4,601	4,633	4,639
4	3,906	3,864	3,983	4,199	4,196	4,164	4,124	4,140	4,121	4,161	4,199	4,262	4,338	4,398	4,456	4,511	4,561	4,593
5	3,775	3,865	3,772	3,950	4,164	4,162	4,129	4,086	4,102	4,083	4,123	4,161	4,223	4,299	4,358	4,416	4,470	4,520
6	3,547	3,594	3,722	3,655	3,826	4,034	4,034	3,996	3,956	3,972	3,953	3,992	4,029	4,090	4,163	4,221	4,277	4,330
7	3,407	3,428	3,601	3,711	3,646	3,817	4,025	4,019	3,982	3,942	3,957	3,938	3,976	4,013	4,074	4,146	4,204	4,259
8	3,349	3,349	3,424	3,578	3,688	3,624	3,794	3,997	3,990	3,954	3,914	3,929	3,910	3,948	3,985	4,045	4,116	4,174
9	3,057	3,137	3,259	3,310	3,462	3,567	3,505	3,665	3,861	3,855	3,820	3,782	3,796	3,778	3,815	3,850	3,909	3,977
10	3,055	3,090	3,131	3,286	3,340	3,488	3,596	3,531	3,693	3,890	3,883	3,848	3,809	3,823	3,805	3,842	3,877	3,937
11	2,990	2,946	2,981	3,037	3,189	3,244	3,380	3,485	3,423	3,582	3,773	3,764	3,731	3,692	3,705	3,687	3,723	3,757
12	3,482	3,549	3,427	3,488	3,551	3,732	3,799	3,946	4,071	4,001	4,189	4,412	4,399	4,362	4,315	4,329	4,308	4,350
Total	47,127	47,579	48,152	49,044	49,825	50,606	51,244	51,853	52,408	52,889	53,522	54,050	54,399	54,788	55,207	55,674	56,123	56,600
K-2	12,695	12,716	12,619	12,601	12,565	12,617	12,681	12,830	13,011	13,213	13,411	13,586	13,751	13,890	13,981	14,026	14,045	14,064
3-5	11,545	11,770	11,988	12,378	12,558	12,483	12,430	12,384	12,421	12,480	12,622	12,799	12,998	13,192	13,364	13,528	13,664	13,752
6-8	10,303	10,371	10,747	10,944	11,160	11,475	11,853	12,012	11,928	11,868	11,824	11,859	11,915	12,051	12,222	12,412	12,597	12,763
9-12	12,584	12,722	12,798	13,121	13,542	14,031	14,280	14,627	15,048	15,328	15,665	15,806	15,735	15,655	15,640	15,708	15,817	16,021
K-12	47,127	47,579	48,152	49,044	49,825	50,606	51,244	51,853	52,408	52,889	53,522	54,050	54,399	54,788	55,207	55,674	56,123	56,600

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *July, 2016*

APPENDIX B

ENROLLMENT FORECASTS BY AREA OF RESIDENCE

2016-17 to 2030-31

Enrollment forecasts by area of residence are consistent with the district-wide medium growth scenario.

1. *Based on 2016-17 elementary attendance area boundaries within each cluster.*
2. *Based on 2016-17 elementary attendance area boundaries.*
3. *Based on 2016-17 grade 6-8 boundaries and 2017-18 boundaries approved by the Board in April 2016.*
4. *Based on 2016-17 high school attendance area boundaries and 2017-18 boundaries approved by the Board in April 2016.*

Table B1
PPS Residents Forecast by Cluster and Grade Level, 2016-17 to 2030-31

		Forecast															Change 2015-16 to 2030-31	
Cluster	**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**	**2030-31**	**Number**	**Percent**
Cleveland Cluster																		
K-5	3,619	3,633	3,624	3,594	3,578	3,589	3,606	3,634	3,680	3,746	3,815	3,868	3,914	3,950	3,972	3,984	365	*10%*
6-8	1,626	1,690	1,691	1,710	1,736	1,735	1,716	1,704	1,700	1,684	1,675	1,693	1,722	1,758	1,785	1,817	191	*12%*
9-12	1,834	1,903	2,011	2,120	2,151	2,231	2,252	2,254	2,262	2,270	2,244	2,224	2,214	2,201	2,212	2,235	401	*22%*
Total	**7,079**	**7,226**	**7,326**	**7,424**	**7,465**	**7,555**	**7,574**	**7,592**	**7,642**	**7,700**	**7,734**	**7,785**	**7,850**	**7,909**	**7,969**	**8,036**	**957**	***14%***
Franklin Cluster																		
K-5	4,072	4,059	4,056	4,006	3,962	3,976	3,997	4,034	4,094	4,146	4,219	4,278	4,330	4,369	4,400	4,420	348	*9%*
6-8	1,799	1,832	1,837	1,886	1,918	1,925	1,869	1,829	1,820	1,823	1,815	1,840	1,854	1,893	1,922	1,953	154	*9%*
9-12	2,052	2,103	2,198	2,285	2,368	2,400	2,483	2,510	2,489	2,514	2,459	2,398	2,412	2,403	2,408	2,445	393	*19%*
Total	**7,923**	**7,994**	**8,091**	**8,177**	**8,248**	**8,301**	**8,349**	**8,373**	**8,403**	**8,483**	**8,493**	**8,516**	**8,596**	**8,665**	**8,730**	**8,818**	**895**	***11%***
Grant Cluster																		
K-5	2,783	2,768	2,777	2,734	2,694	2,670	2,676	2,692	2,716	2,764	2,811	2,845	2,867	2,883	2,894	2,898	115	*4%*
6-8	1,216	1,298	1,321	1,368	1,386	1,420	1,395	1,360	1,333	1,310	1,299	1,304	1,332	1,362	1,381	1,400	184	*15%*
9-12	1,356	1,376	1,444	1,495	1,557	1,613	1,674	1,729	1,738	1,754	1,728	1,699	1,656	1,641	1,645	1,657	301	*22%*
Total	**5,355**	**5,442**	**5,542**	**5,597**	**5,637**	**5,703**	**5,745**	**5,781**	**5,787**	**5,828**	**5,838**	**5,848**	**5,855**	**5,886**	**5,920**	**5,955**	**600**	***11%***
Jefferson Cluster																		
K-5	3,145	3,157	3,188	3,165	3,149	3,150	3,186	3,217	3,261	3,314	3,355	3,398	3,434	3,460	3,474	3,487	342	*11%*
6-8	1,148	1,226	1,252	1,305	1,350	1,393	1,363	1,330	1,314	1,318	1,333	1,346	1,369	1,383	1,407	1,430	282	*25%*
9-12	1,358	1,306	1,311	1,334	1,412	1,467	1,536	1,598	1,612	1,635	1,617	1,583	1,562	1,582	1,594	1,608	250	*18%*
Total	**5,651**	**5,689**	**5,751**	**5,804**	**5,911**	**6,010**	**6,085**	**6,145**	**6,187**	**6,267**	**6,305**	**6,327**	**6,365**	**6,425**	**6,475**	**6,525**	**874**	***15%***
Lincoln Cluster[1]																		
K-5	2,328	2,404	2,441	2,476	2,516	2,510	2,532	2,556	2,580	2,619	2,654	2,692	2,724	2,746	2,757	2,766	438	*19%*
6-8	1,179	1,160	1,163	1,164	1,191	1,231	1,255	1,289	1,283	1,284	1,287	1,289	1,309	1,330	1,356	1,377	198	*17%*
9-12	1,739	1,804	1,865	1,933	1,901	1,899	1,895	1,887	1,962	1,971	2,000	2,037	2,015	2,025	2,035	2,041	302	*17%*
Total	**5,246**	**5,368**	**5,469**	**5,573**	**5,608**	**5,640**	**5,682**	**5,732**	**5,825**	**5,874**	**5,941**	**6,018**	**6,048**	**6,101**	**6,148**	**6,184**	**938**	***18%***

1. Bridlemile Elementary is primarily in the Wilson HS attendance area beginning in 2016-17. In this table, Bridlemile residents are included in the Lincoln Cluster for comparability with previous reports. Future reports will reassign the Bridlemile area to the Wilson Cluster.

Forecast: Population Research Center, Portland State University, July 2016.

Table B1 (continued)
PPS Residents Forecast by Cluster and Grade Level, 2016-17 to 2030-31

		Forecast															Change 2015-16 to 2030-31	
Cluster	**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**	**2030-31**	**Number**	**Percent**
Madison Cluster																		
K-5	2,955	2,997	3,001	3,000	3,009	3,018	3,031	3,057	3,068	3,070	3,087	3,119	3,143	3,160	3,170	3,176	221	*7%*
6-8	1,346	1,302	1,313	1,357	1,418	1,406	1,372	1,358	1,372	1,401	1,423	1,414	1,400	1,402	1,419	1,435	89	*7%*
9-12	1,514	1,551	1,611	1,622	1,609	1,625	1,663	1,678	1,731	1,728	1,694	1,694	1,720	1,738	1,747	1,750	236	*16%*
Total	**5,815**	**5,850**	**5,925**	**5,979**	**6,036**	**6,049**	**6,066**	**6,093**	**6,171**	**6,199**	**6,204**	**6,227**	**6,263**	**6,300**	**6,336**	**6,361**	**546**	***9%***
Roosevelt Cluster																		
K-5	2,534	2,522	2,498	2,478	2,426	2,421	2,440	2,457	2,490	2,528	2,566	2,592	2,609	2,620	2,628	2,635	101	*4%*
6-8	987	1,036	1,065	1,086	1,123	1,124	1,112	1,074	1,053	1,043	1,036	1,052	1,075	1,097	1,113	1,121	134	*14%*
9-12	1,242	1,210	1,182	1,202	1,210	1,266	1,292	1,343	1,356	1,346	1,344	1,301	1,277	1,273	1,276	1,296	54	*4%*
Total	**4,763**	**4,768**	**4,745**	**4,766**	**4,759**	**4,811**	**4,844**	**4,874**	**4,899**	**4,917**	**4,946**	**4,945**	**4,961**	**4,990**	**5,017**	**5,052**	**289**	***6%***
Wilson Cluster[1]																		
K-5	2,547	2,669	2,684	2,727	2,783	2,794	2,811	2,830	2,859	2,875	2,889	2,911	2,925	2,937	2,951	2,954	407	*16%*
6-8	1,224	1,148	1,190	1,216	1,306	1,322	1,353	1,384	1,380	1,396	1,414	1,431	1,438	1,436	1,444	1,457	233	*19%*
9-12	1,361	1,455	1,464	1,517	1,496	1,523	1,550	1,562	1,684	1,699	1,726	1,755	1,770	1,792	1,803	1,824	463	*34%*
Total	**5,132**	**5,272**	**5,338**	**5,460**	**5,585**	**5,639**	**5,714**	**5,776**	**5,923**	**5,970**	**6,029**	**6,097**	**6,133**	**6,165**	**6,198**	**6,235**	**1,103**	***21%***
Out of District																		
K-5	624	623	612	596	592	582	580	580	580	580	580	580	580	580	580	580	-44	*-7%*
6-8	222	208	239	260	267	266	255	252	242	239	239	239	239	239	239	239	17	*8%*
9-12	342	362	350	373	382	363	410	429	446	441	420	419	404	398	398	398	56	*16%*
Total	**1,188**	**1,193**	**1,201**	**1,229**	**1,241**	**1,211**	**1,245**	**1,261**	**1,268**	**1,260**	**1,239**	**1,238**	**1,223**	**1,217**	**1,217**	**1,217**	**29**	***2%***
Total	**48,152**	**48,802**	**49,388**	**50,009**	**50,490**	**50,919**	**51,304**	**51,627**	**52,105**	**52,498**	**52,729**	**53,001**	**53,294**	**53,658**	**54,010**	**54,383**	**5,506**	***11%***

1. Bridlemile Elementary is primarily in the Wilson HS attendance area beginning in 2016-17. In this table, Bridlemile residents are included in the Lincoln Cluster for comparability with previous reports. Future reports will reassign the Bridlemile area to the Wilson Cluster.

Forecast: Population Research Center, Portland State University, July 2016.

Table B2. PPS Grades K-2 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	323	307	322	325	315	314	307	309	314	320	324	329	331	333	334	335	335	335
CLE	Buckman	146	140	156	155	165	167	171	176	182	188	194	198	203	208	212	214	215	215
CLE	Duniway	254	282	282	275	256	261	258	260	263	267	269	275	280	284	286	287	287	287
CLE	Grout	263	244	266	250	255	250	254	257	262	268	274	279	284	287	290	292	293	293
CLE	Lewis	171	171	172	182	183	176	176	178	181	184	186	190	193	196	197	198	198	198
CLE	Llewellyn	262	226	237	233	239	227	226	228	232	236	240	245	249	251	251	251	250	249
CLE	Whitman	227	210	177	174	174	178	177	178	181	184	186	189	193	195	195	194	194	194
CLE	Woodstock	207	212	209	216	216	216	217	216	219	221	224	228	234	237	237	234	232	232
FRA	Arleta	246	239	211	207	208	211	210	212	214	217	219	222	225	228	229	229	227	226
FRA	Atkinson	168	174	170	168	169	162	162	166	168	172	175	178	181	183	184	184	184	184
FRA	Bridger	189	182	194	205	196	196	197	200	201	205	208	211	214	217	220	222	224	225
FRA	Creston	167	169	181	173	175	169	171	174	176	179	183	187	191	195	198	200	201	202
FRA	Glencoe	336	334	331	330	330	326	324	327	330	338	346	352	357	361	364	368	371	372
FRA	Kelly	275	270	245	232	231	242	241	245	246	252	255	259	262	265	267	268	268	268
FRA	Lent	204	206	194	171	173	182	182	184	185	189	192	196	199	202	203	203	203	203
FRA	Marysville	223	201	195	185	187	191	189	192	194	199	203	207	209	210	211	212	213	213
FRA	Sunnyside	162	172	163	166	153	155	155	157	157	159	161	164	167	169	170	170	170	170
FRA	Woodmere	203	185	182	184	188	183	183	182	185	190	193	195	197	199	201	201	200	201
GRA	Alameda	363	381	394	378	364	359	354	353	359	365	369	373	378	380	379	377	376	376
GRA	Beverly Cleary	347	359	341	321	318	324	322	323	331	340	345	350	351	353	354	355	355	355
GRA	Irvington	174	155	151	154	163	153	154	156	161	165	168	171	173	177	178	179	178	179
GRA	Laurelhurst	237	255	249	241	237	231	230	232	237	240	242	243	245	247	248	247	247	249
GRA	Sabin	250	250	261	268	251	246	245	245	250	256	261	268	275	279	279	280	280	278
JEF	Beach	233	235	234	227	227	230	234	238	240	241	245	249	255	258	261	263	264	264
JEF	Boise-Eliot-Humboldt	227	263	259	269	258	263	265	269	273	278	282	285	290	293	296	296	295	295
JEF	Chief Joseph	279	290	284	269	269	270	272	273	278	280	287	293	296	299	300	300	300	301
JEF	Faubion	246	260	239	229	224	227	229	231	236	238	241	244	249	252	254	252	252	253
JEF	King	132	139	140	141	134	134	137	140	144	145	147	149	151	153	155	157	158	158
JEF	Vernon	264	256	262	255	263	255	258	260	264	266	270	273	276	278	277	275	274	275
JEF	Woodlawn	274	273	248	237	238	244	245	244	249	252	257	263	265	265	265	267	268	270

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Table B2 (continued). PPS Grades K-2 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	224	214	262	273	277	265	266	267	272	278	285	291	295	298	301	304	304	304
LIN	Bridlemile	250	256	269	285	282	278	278	280	284	289	293	294	294	296	299	301	300	298
LIN	Chapman	304	344	322	339	342	360	364	365	371	376	384	391	398	404	410	413	414	416
LIN	Forest Park	240	205	206	209	203	205	203	202	205	208	210	213	216	215	214	212	209	208
LIN	Skyline	78	98	94	92	89	90	89	89	91	93	94	95	95	97	98	99	99	99
MAD	Harrison Park	379	375	353	352	356	358	362	361	358	359	363	368	372	376	377	377	376	375
MAD	Lee	208	209	213	221	221	214	219	217	215	215	217	219	222	224	225	224	224	224
MAD	Rigler	314	306	291	293	293	311	315	314	313	315	319	322	324	328	332	334	333	331
MAD	Roseway Heights	200	209	198	188	195	197	200	199	196	196	198	200	203	205	206	206	205	204
MAD	Scott	260	245	240	234	241	246	249	248	245	245	248	251	253	255	256	257	256	255
MAD	Vestal	244	249	233	223	223	238	241	238	235	236	239	241	242	244	245	245	244	246
ROO	Astor	191	199	231	216	219	210	208	210	215	221	224	226	227	227	227	227	227	226
ROO	Cesar Chavez	169	157	156	153	148	146	146	150	153	155	158	160	163	164	166	166	166	165
ROO	James John	311	308	288	279	274	272	272	276	281	286	290	292	296	298	300	299	300	300
ROO	Peninsula	152	159	143	140	135	138	137	140	142	145	147	150	151	152	152	152	152	151
ROO	Rosa Parks	271	245	234	216	209	216	215	219	224	227	230	231	233	235	237	236	235	233
ROO	Sitton	319	273	269	268	263	257	252	255	264	271	272	273	276	280	281	279	279	282
WIL	Capitol Hill	190	229	224	231	233	242	249	256	259	260	262	265	268	270	270	270	267	267
WIL	Hayhurst	194	234	254	263	266	257	262	266	268	268	270	272	274	276	276	276	279	279
WIL	Maplewood	197	197	219	236	230	222	222	223	223	224	225	226	228	229	229	228	226	227
WIL	Markham	283	285	271	268	262	278	280	282	282	281	282	283	285	286	286	285	283	284
WIL	Rieke	215	204	214	211	213	217	223	227	228	227	230	232	234	236	237	237	238	238
WIL	Stephenson	166	182	173	181	182	181	180	177	177	177	180	182	185	188	190	190	193	191
Grade K-2 residing in PPS		12,411	12,422	12,306	12,191	12,115	12,140	12,177	12,266	12,413	12,586	12,766	12,942	13,107	13,237	13,309	13,327	13,321	13,323
Grade K-2 residing outside PPS		284	294	313	310	298	296	296	296	296	296	296	296	296	296	296	296	296	296
Grade K-2 Totals		**12,695**	**12,716**	**12,619**	**12,501**	**12,413**	**12,436**	**12,473**	**12,562**	**12,709**	**12,882**	**13,062**	**13,238**	**13,403**	**13,533**	**13,605**	**13,623**	**13,617**	**13,619**

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Table B3. PPS Grades 3-5 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	308	315	305	316	326	323	328	320	319	311	312	315	321	326	331	333	335	336
CLE	Buckman	110	125	135	143	149	159	155	166	169	172	176	181	187	192	196	201	206	210
CLE	Duniway	288	297	290	296	312	307	299	280	286	282	284	287	292	295	301	306	310	312
CLE	Grout	257	273	251	259	252	257	240	246	240	244	247	252	258	264	269	274	277	280
CLE	Lewis	155	144	177	180	179	175	185	186	179	179	181	184	187	189	193	196	198	198
CLE	Llewellyn	253	253	254	252	237	239	235	240	228	227	229	233	237	242	247	251	253	253
CLE	Whitman	226	216	196	190	181	161	157	157	161	160	161	164	167	169	172	176	178	178
CLE	Woodstock	175	178	190	187	185	184	193	192	190	191	193	197	199	200	203	208	211	214
FRA	Arleta	165	167	197	210	209	188	185	185	186	185	188	189	192	194	197	200	203	204
FRA	Atkinson	158	151	176	172	173	168	167	165	160	160	164	166	169	172	175	178	180	181
FRA	Bridger	176	170	179	162	182	188	198	188	188	189	192	193	197	199	201	203	206	209
FRA	Creston	171	172	158	163	158	171	165	165	161	163	166	168	171	175	177	181	184	187
FRA	Glencoe	313	315	336	346	350	343	342	341	336	332	335	340	349	358	363	369	373	377
FRA	Kelly	255	260	259	262	261	237	225	224	234	233	237	238	244	247	251	254	257	259
FRA	Lent	203	187	191	215	215	199	176	179	189	189	191	192	196	199	203	206	209	210
FRA	Marysville	172	166	164	178	180	171	163	165	169	167	170	172	177	181	184	186	187	188
FRA	Sunnyside	143	158	157	151	164	157	160	149	150	150	151	151	152	154	157	160	162	163
FRA	Woodmere	221	224	189	179	154	167	167	176	168	166	165	166	170	170	175	175	178	178
GRA	Alameda	376	367	350	373	392	397	383	369	364	358	357	364	370	373	377	383	384	383
GRA	Beverly Cleary	327	330	352	372	381	363	342	339	343	339	341	349	359	364	368	371	372	374
GRA	Irvington	192	180	178	170	160	154	157	165	154	155	156	161	165	168	171	173	177	178
GRA	Laurelhurst	227	231	244	249	254	249	240	236	230	229	231	235	239	240	242	245	248	247
GRA	Sabin	218	228	263	242	257	258	267	252	247	245	246	250	256	264	271	273	277	279
JEF	Beach	192	192	188	196	206	210	203	203	206	209	212	213	214	217	223	227	229	231
JEF	Boise-Eliot-Humboldt	204	202	217	212	246	244	254	243	248	249	252	256	258	262	269	272	274	275
JEF	Chief Joseph	260	252	241	259	259	253	240	240	241	243	244	248	251	257	261	266	268	269
JEF	Faubion	199	214	225	233	244	234	225	221	224	226	228	230	233	237	241	245	248	249
JEF	King	103	112	133	139	148	144	146	138	138	141	144	148	150	151	153	156	158	160
JEF	Vernon	198	216	233	247	240	244	237	244	236	239	242	245	249	250	253	257	259	258
JEF	Woodlawn	223	235	242	244	232	213	204	206	209	210	210	218	218	226	226	227	227	229

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Table B3 (continued). PPS Grades 3-5 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	248	233	235	226	248	280	289	293	282	282	285	292	299	307	314	317	320	322
LIN	Bridlemile	266	234	257	262	288	291	308	305	300	299	301	307	312	317	320	319	321	323
LIN	Chapman	252	302	286	323	336	335	345	349	363	369	366	370	374	383	389	398	405	410
LIN	Forest Park	289	323	289	268	242	235	240	230	233	232	232	234	237	240	243	247	247	247
LIN	Skyline	90	85	84	100	105	106	103	100	102	101	101	103	105	106	107	107	109	110
MAD	Harrison Park	328	320	343	352	347	334	332	338	338	341	341	338	339	342	347	351	355	356
MAD	Lee	180	188	200	195	203	213	218	221	214	219	216	215	215	217	219	222	223	224
MAD	Rigler	281	285	274	279	279	273	273	273	290	294	294	292	294	298	301	303	307	310
MAD	Roseway Heights	181	180	177	196	192	183	175	183	184	187	186	184	184	186	187	189	190	191
MAD	Scott	223	226	232	237	215	217	210	219	222	224	223	221	221	223	226	228	230	231
MAD	Vestal	206	211	201	227	236	216	215	207	221	226	224	219	218	221	222	224	227	229
ROO	Astor	165	172	156	167	174	207	196	198	186	183	186	191	197	200	202	203	203	204
ROO	Cesar Chavez	167	154	172	170	174	163	160	154	152	153	157	160	162	165	167	170	171	174
ROO	James John	250	250	256	266	272	261	252	249	248	248	251	255	259	263	265	269	272	273
ROO	Peninsula	105	118	114	120	125	122	123	121	124	124	123	125	125	127	130	130	130	130
ROO	Rosa Parks	259	247	254	259	261	239	220	213	220	217	221	227	231	234	235	237	240	242
ROO	Sitton	224	265	261	268	244	247	245	236	231	227	231	238	246	247	247	252	253	255
WIL	Capitol Hill	165	175	162	186	202	212	218	220	229	235	241	244	245	247	249	252	255	253
WIL	Hayhurst	167	204	218	244	242	261	271	276	267	272	276	278	278	280	281	283	287	288
WIL	Maplewood	157	175	193	196	209	229	247	241	233	233	234	234	235	236	236	238	240	238
WIL	Markham	237	241	242	267	265	253	250	245	261	263	265	265	264	265	265	266	268	266
WIL	Rieke	187	199	209	228	214	220	216	217	222	229	233	234	233	236	238	239	245	247
WIL	Stephenson	200	187	192	185	195	186	196	194	191	190	190	189	189	191	197	202	199	205
Grade 3-5 residing in PPS		11,295	11,504	11,677	12,018	12,154	12,040	11,940	11,862	11,866	11,891	11,982	12,120	12,289	12,466	12,637	12,798	12,925	12,997
Grade 3-5 residing outside PPS		250	266	311	313	314	300	296	286	284	284	284	284	284	284	284	284	284	284
Grade 3-5 Totals		**11,545**	**11,770**	**11,988**	**12,331**	**12,468**	**12,340**	**12,236**	**12,148**	**12,150**	**12,175**	**12,266**	**12,404**	**12,573**	**12,750**	**12,921**	**13,082**	**13,209**	**13,281**

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Table B4. PPS Grades K-5 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	631	622	627	641	641	637	635	629	633	631	636	644	652	659	665	668	670	671
CLE	Buckman	256	265	291	298	314	326	326	342	351	360	370	379	390	400	408	415	421	425
CLE	Duniway	542	579	572	571	568	568	557	540	549	549	553	562	572	579	587	593	597	599
CLE	Grout	520	517	517	509	507	507	494	503	502	512	521	531	542	551	559	566	570	573
CLE	Lewis	326	315	349	362	362	351	361	364	360	363	367	374	380	385	390	394	396	396
CLE	Llewellyn	515	479	491	485	476	466	461	468	460	463	469	478	486	493	498	502	503	502
CLE	Whitman	453	426	373	364	355	339	334	335	342	344	347	353	360	364	367	370	372	372
CLE	Woodstock	382	390	399	403	401	400	410	408	409	412	417	425	433	437	440	442	443	446
FRA	Arleta	411	406	408	417	417	399	395	397	400	402	407	411	417	422	426	429	430	430
FRA	Atkinson	326	325	346	340	342	330	329	331	328	332	339	344	350	355	359	362	364	365
FRA	Bridger	365	352	373	367	378	384	395	388	389	394	400	404	411	416	421	425	430	434
FRA	Creston	338	341	339	336	333	340	336	339	337	342	349	355	362	370	375	381	385	389
FRA	Glencoe	649	649	667	676	680	669	666	668	666	670	681	692	706	719	727	737	744	749
FRA	Kelly	530	530	504	494	492	479	466	469	480	485	492	497	506	512	518	522	525	527
FRA	Lent	407	393	385	386	388	381	358	363	374	378	383	388	395	401	406	409	412	413
FRA	Marysville	395	367	359	363	367	362	352	357	363	366	373	379	386	391	395	398	400	401
FRA	Sunnyside	305	330	320	317	317	312	315	306	307	309	312	315	319	323	327	330	332	333
FRA	Woodmere	424	409	371	363	342	350	350	358	353	356	358	361	367	369	376	376	378	379
GRA	Alameda	739	748	744	751	756	756	737	722	723	723	726	737	748	753	756	760	760	759
GRA	Beverly Cleary	674	689	693	693	699	687	664	662	674	679	686	699	710	717	722	726	727	729
GRA	Irvington	366	335	329	324	323	307	311	321	315	320	324	332	338	345	349	352	355	357
GRA	Laurelhurst	464	486	493	490	491	480	470	468	467	469	473	478	484	487	490	492	495	496
GRA	Sabin	468	478	524	510	508	504	512	497	497	501	507	518	531	543	550	553	557	557
JEF	Beach	425	427	422	423	433	440	437	441	446	450	457	462	469	475	484	490	493	495
JEF	Boise-Eliot-Humboldt	431	465	476	481	504	507	519	512	521	527	534	541	548	555	565	568	569	570
JEF	Chief Joseph	539	542	525	528	528	523	512	513	519	523	531	541	547	556	561	566	568	570
JEF	Faubion	445	474	464	462	468	461	454	452	460	464	469	474	482	489	495	497	500	502
JEF	King	235	251	273	280	282	278	283	278	282	286	291	297	301	304	308	313	316	318
JEF	Vernon	462	472	495	502	503	499	495	504	500	505	512	518	525	528	530	532	533	533
JEF	Woodlawn	497	508	490	481	470	457	449	450	458	462	467	481	483	491	491	494	495	499

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Table B4 (continued). PPS Grades K-5 Enrollment by Attendance Area Residing

(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >														
		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	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	472	447	497	499	525	545	555	560	554	560	570	583	594	605	615	621	624	626
LIN	Bridlemile	516	490	526	547	570	569	586	585	584	588	594	601	606	613	619	620	621	621
LIN	Chapman	556	646	608	662	678	695	709	714	734	745	750	761	772	787	799	811	819	826
LIN	Forest Park	529	528	495	477	445	440	443	432	438	440	442	447	453	455	457	459	456	455
LIN	Skyline	168	183	178	192	194	196	192	189	193	194	195	198	200	203	205	206	208	209
MAD	Harrison Park	707	695	696	704	703	692	694	699	696	700	704	706	711	718	724	728	731	731
MAD	Lee	388	397	413	416	424	427	437	438	429	434	433	434	437	441	444	446	447	448
MAD	Rigler	595	591	565	572	572	584	588	587	603	609	613	614	618	626	633	637	640	641
MAD	Roseway Heights	381	389	375	384	387	380	375	382	380	383	384	384	387	391	393	395	395	395
MAD	Scott	483	471	472	471	456	463	459	467	467	469	471	472	474	478	482	485	486	486
MAD	Vestal	450	460	434	450	459	454	456	445	456	462	463	460	460	465	467	469	471	475
ROO	Astor	356	371	387	383	393	417	404	408	401	404	410	417	424	427	429	430	430	430
ROO	Cesar Chavez	336	311	328	323	322	309	306	304	305	308	315	320	325	329	333	336	337	339
ROO	James John	561	558	544	545	546	533	524	525	529	534	541	547	555	561	565	568	572	573
ROO	Peninsula	257	277	257	260	260	260	260	261	266	269	270	275	276	279	282	282	282	281
ROO	Rosa Parks	530	492	488	475	470	455	435	432	444	444	451	458	464	469	472	473	475	475
ROO	Sitton	543	538	530	536	507	504	497	491	495	498	503	511	522	527	528	531	532	537
WIL	Capitol Hill	355	404	386	417	435	454	467	476	488	495	503	509	513	517	519	522	522	520
WIL	Hayhurst	361	438	472	507	508	518	533	542	535	540	546	550	552	556	557	559	566	567
WIL	Maplewood	354	372	412	432	439	451	469	464	456	457	459	460	463	465	465	466	466	465
WIL	Markham	520	526	513	535	527	531	530	527	543	544	547	548	549	551	551	551	551	550
WIL	Rieke	402	403	423	439	427	437	439	444	450	456	463	466	467	472	475	476	483	485
WIL	Stephenson	366	369	365	366	377	367	376	371	368	367	370	371	374	379	387	392	392	396
Grade K-5 residing in PPS		23,706	23,926	23,983	24,209	24,269	24,180	24,117	24,128	24,279	24,477	24,748	25,062	25,396	25,703	25,946	26,125	26,246	26,320
Grade K-5 residing outside PPS		534	560	624	623	612	596	592	582	580	580	580	580	580	580	580	580	580	580
Grade K-5 Totals		**24,240**	**24,486**	**24,607**	**24,832**	**24,881**	**24,776**	**24,709**	**24,710**	**24,859**	**25,057**	**25,328**	**25,642**	**25,976**	**26,283**	**26,526**	**26,705**	**26,826**	**26,900**

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Table B5. PPS Grades 6-8 Enrollment by Attendance Area Residing

*(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)**

H.S. Clust.	Grades 6-8 Attendance Area	< History 2013-14	2014-15	2015-16	Forecast > 2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Hosford Middle 6-8	744	721	772	810	838	839	860	864	873	864	872	869	865	877	894	912	927	942
CLE	Sellwood Middle 6-8	568	652	677	701	690	705	716	719	708	708	696	680	676	681	690	705	715	729
FRA	Arleta K-8	154	144	140	141	146	174	185	183	164	162	162	164	163	165	165	167	169	172
FRA	Bridger K-8	155	146	142	149	151	159	145	163	166	175	168	168	169	171	172	175	176	178
FRA	Creston K-8	125	127	151	161	156	146	150	145	158	152	154	150	151	153	155	157	160	162
FRA	Lane Middle 6-8	644	592	599	610	581	569	560	531	501	485	491	494	490	496	502	514	520	528
FRA	Lent K-8	159	162	192	178	184	183	206	204	189	168	170	181	181	183	184	188	191	195
FRA	Marysville K-8	174	166	154	149	143	147	158	162	155	147	148	151	149	152	154	158	161	164
FRA	Mt. Tabor Middle 6-8	420	438	460	483	486	521	527	531	519	517	514	504	500	508	513	527	538	547
FRA	Sunnyside K-8	130	115	138	140	153	153	147	158	152	155	145	146	146	147	147	148	150	153
GRA	Beaumont Middle 6-8	581	609	642	649	649	625	654	670	666	653	638	654	654	654	655	661	669	678
GRA	Beverly Cleary K-8	297	300	310	338	347	370	391	399	377	354	351	356	352	355	363	372	377	383
GRA	Irvington K-8	165	161	168	169	158	160	150	144	137	139	147	135	136	137	142	146	149	151
GRA	Laurelhurst K-8	220	209	210	231	233	241	247	250	245	237	233	226	224	227	232	236	237	240
GRA	Sabin K-8	202	180	181	205	226	256	235	249	253	262	247	241	240	238	243	252	259	261
JEF	Boise-Eliot-Humboldt K-8*	160	163	173	190	196	205	201	232	229	237	228	231	232	236	240	244	247	252
JEF	Faubion K-8	172	188	180	193	191	210	216	227	219	210	206	209	210	211	214	217	220	224
JEF	King K-8	82	92	102	112	121	136	142	150	147	148	141	140	142	144	150	151	153	155
JEF	Ockley Green Middle 6-8	637	626	646	673	673	674	706	710	685	661	659	667	675	678	687	692	709	719
JEF	Vernon K-8	185	160	149	166	180	191	201	195	202	193	198	192	195	197	200	201	202	206

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Table B5 (continued). PPS Grades 6-8 Enrollment by Attendance Area Residing

*(students attending all PPS schools tabulated by the 2016-17 attendance area boundary in which they reside)**

H.S. Clust.	Grades 6-8 Attendance Area	< History 2013-14	2014-15	2015-16	Forecast > 2016-17	2017-18*	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Sylvan Middle 6-8*	991	1,051	1,077	1,071	899	889	908	925	940	959	962	967	971	973	988	1,003	1,025	1,042
LIN	Skyline K-8	94	102	102	89	88	87	104	109	109	107	104	106	105	105	107	109	110	111
MAD	Harrison Park K-8	322	339	320	307	300	323	332	327	313	314	319	321	324	322	318	320	323	328
MAD	Lee K-8	175	139	155	158	170	187	185	194	203	206	207	200	204	202	202	203	204	204
MAD	Roseway Heights K-8	160	177	186	179	172	176	195	190	185	175	182	182	185	184	182	182	184	185
MAD	Scott K-8	199	196	191	193	206	207	215	195	197	191	196	198	200	200	197	197	199	202
MAD	Vestal K-8	195	198	199	171	173	180	200	208	191	187	185	198	203	199	198	195	199	203
ROO	Astor K-8	121	140	122	139	146	137	149	154	184	173	174	164	162	165	169	174	177	178
ROO	Cesar Chavez K-8	156	126	140	151	154	163	160	164	154	151	145	143	144	148	151	153	156	158
ROO	George Middle 6-8	628	607	623	638	656	675	698	685	655	631	616	615	609	619	633	648	656	659
WIL	Gray Middle 6-8*	517	554	585	551	617	637	678	674	706	728	728	720	733	742	748	751	761	769
WIL	Jackson Middle 6-8*	570	571	639	597	749	767	807	845	853	879	869	887	892	900	904	903	904	912
Grade 6-8 residing in PPS		10,102	10,151	10,525	10,692	10,832	11,092	11,428	11,556	11,435	11,328	11,255	11,259	11,282	11,369	11,499	11,661	11,827	11,990
Grade 6-8 residing outside PPS		201	220	222	208	239	260	267	266	255	252	242	239	239	239	239	239	239	239
Grade 6-8 Totals		**10,303**	**10,371**	**10,747**	**10,900**	**11,071**	**11,352**	**11,695**	**11,822**	**11,690**	**11,580**	**11,497**	**11,498**	**11,521**	**11,608**	**11,738**	**11,900**	**12,066**	**12,229**

**Note: Gray, Jackson, and Sylvan history and 2016-17 forecasts are for current boundaries; forecasts for 2017-18 and beyond are for new 2017-18 boundaries.*

Table B6. PPS Grades 9-12 Enrollment by Attendance Area Residing

*(students attending all PPS schools tabulated by the 2016-17 high school attendance area boundary in which they reside)**

Grades 9-12 Attendance Area	< History			Forecast >													
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Cleveland	1,713	1,782	1,834	1,903	2,011	2,120	2,151	2,231	2,252	2,254	2,262	2,270	2,244	2,224	2,214	2,201	2,212	2,235
Franklin	1,988	2,060	2,052	2,103	2,198	2,285	2,368	2,400	2,483	2,510	2,489	2,514	2,459	2,398	2,412	2,403	2,408	2,445
Grant total	1,699	1,744	1,709	1,718	1,794	1,873	1,971	2,044	2,143	2,217	2,252	2,286	2,251	2,233	2,165	2,158	2,171	2,191
Grant	*1,318*	*1,353*	*1,356*	*1,376*	*1,444*	*1,495*	*1,557*	*1,613*	*1,674*	*1,729*	*1,738*	*1,754*	*1,728*	*1,699*	*1,656*	*1,641*	*1,645*	*1,657*
*Jefferson-Grant***	*381*	*391*	*353*	*342*	*350*	*378*	*414*	*431*	*469*	*488*	*514*	*532*	*523*	*534*	*509*	*517*	*526*	*534*
Jefferson total	1,445	1,453	1,358	1,306	1,311	1,334	1,412	1,467	1,536	1,598	1,612	1,635	1,617	1,583	1,562	1,582	1,594	1,608
*Jefferson-Grant***	*381*	*391*	*353*	342	*350*	*378*	*414*	*431*	*469*	*488*	*514*	*532*	*523*	*534*	*509*	*517*	*526*	*534*
*Jefferson-Madison***	*328*	*329*	*308*	*296*	*280*	*256*	*263*	*283*	*311*	*341*	*341*	*360*	*346*	*338*	*345*	*341*	*343*	*345*
*Jefferson-Roosevelt***	*736*	*733*	*697*	*668*	*679*	*699*	*734*	*753*	*755*	*769*	*757*	*743*	*747*	*711*	*707*	*724*	*723*	*728*
Lincoln*	*1,580*	*1,608*	*1,739*	1,804	1,603	1,677	1,661	1,664	1,662	1,658	1,715	1,711	1,739	1,754	1,745	1,760	1,769	1,774
Madison total	*1,875*	*1,858*	*1,822*	*1,847*	*1,891*	*1,878*	*1,872*	*1,908*	*1,974*	*2,019*	*2,072*	*2,088*	*2,040*	*2,032*	*2,065*	*2,079*	*2,090*	*2,095*
Madison	*1,547*	*1,529*	*1,514*	*1,551*	*1,611*	*1,622*	*1,609*	*1,625*	*1,663*	*1,678*	*1,731*	*1,728*	*1,694*	*1,694*	*1,720*	*1,738*	*1,747*	*1,750*
*Jefferson-Madison***	*328*	*329*	*308*	*296*	*280*	*256*	*263*	*283*	*311*	*341*	*341*	*360*	*346*	*338*	*345*	*341*	*343*	*345*
Roosevelt total	*2,041*	*1,959*	*1,939*	*1,878*	*1,861*	*1,901*	*1,944*	*2,019*	*2,047*	*2,112*	*2,113*	*2,089*	*2,091*	*2,012*	*1,984*	*1,997*	*1,999*	*2,024*
Roosevelt	*1,305*	*1,226*	*1,242*	*1,210*	*1,182*	*1,202*	*1,210*	*1,266*	*1,292*	*1,343*	*1,356*	*1,346*	*1,344*	*1,301*	*1,277*	*1,273*	*1,276*	*1,296*
*Jefferson-Roosevelt***	*736*	*733*	*697*	*668*	*679*	*699*	*734*	*753*	*755*	*769*	*757*	*743*	*747*	*711*	*707*	*724*	*723*	*728*
Wilson*	1,301	1,335	1,361	1,455	1,726	1,773	1,736	1,758	1,783	1,791	1,931	1,959	1,987	2,038	2,040	2,057	2,069	2,091
Grade 9-12 residing in PPS	12,197	12,346	12,456	12,708	13,086	13,508	13,704	14,024	14,345	14,561	14,834	14,917	14,812	14,691	14,626	14,655	14,720	14,856
Grade 9-12 residing outside PPS	387	376	342	362	350	373	382	363	410	429	446	441	420	419	404	398	398	398
Grade 9-12 Totals	**12,584**	**12,722**	**12,798**	**13,070**	**13,436**	**13,881**	**14,086**	**14,387**	**14,755**	**14,990**	**15,280**	**15,358**	**15,232**	**15,110**	**15,030**	**15,053**	**15,118**	**15,254**

**Note: Lincoln and Wilson history and 2016-17 forecasts are for current boundaries; forecasts for 2017-18 and beyond are for new 2017-18 boundaries.*

***Note: Dual Assignment Zone.*

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APPENDIX C

ENROLLMENT FORECASTS BY SCHOOL

2016-17 to 2030-31

School forecasts are consistent with the district-wide medium growth scenario.

Table C1. Grades K-2 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Abernethy	272	254	274	262	263	254	250	254	260	265	270	275	278	280	281	282	282	282
Ainsworth	275	290	307	307	306	310	315	318	322	326	332	337	341	345	349	351	351	351
Alameda	368	375	368	351	344	341	334	332	339	347	352	356	360	361	361	360	360	354
Arleta	191	179	164	156	154	158	158	159	161	163	166	169	173	175	176	176	175	175
Astor	183	185	206	180	181	177	176	178	183	187	190	191	192	192	192	192	192	191
Atkinson	223	215	214	211	218	211	210	212	214	218	221	224	227	230	231	231	231	231
Beach	247	243	261	265	276	278	281	283	285	286	289	293	297	299	301	302	303	303
Beverly Cleary	312	314	307	289	286	289	287	288	294	302	308	312	315	317	318	319	319	319
Boise-Eliot-Humboldt	218	230	225	216	213	221	224	231	236	239	242	245	248	249	251	252	252	252
Bridger	191	197	210	232	230	231	231	233	233	236	238	242	246	249	251	252	254	255
Bridlemile	217	231	257	278	275	269	269	271	275	280	283	284	284	286	289	291	290	288
Buckman	234	216	237	233	241	242	245	249	255	260	265	269	274	278	282	283	283	283
Capitol Hill	224	260	237	239	233	234	238	245	247	246	249	251	255	257	259	258	258	256
Cesar Chavez	183	187	196	194	188	185	184	187	189	191	193	194	196	197	199	194	189	183
Chapman	334	341	329	318	302	307	308	307	311	317	324	329	334	338	342	344	345	346
Chief Joseph/Ock. Green	280	249	231	216	211	209	209	209	213	217	223	227	230	231	231	231	231	232
Creston	142	130	152	154	160	156	158	160	161	163	166	170	174	177	178	179	179	179
Duniway	219	260	251	251	229	234	232	233	235	238	240	246	253	260	262	263	263	263
Faubion	195	215	179	179	166	172	176	181	189	191	194	193	192	190	191	191	191	191
Forest Park	222	187	192	197	190	198	197	198	201	204	206	207	207	207	207	205	203	201
Glencoe	258	256	238	239	242	239	236	239	241	247	253	258	264	270	274	276	277	278
Grout	211	206	217	201	205	201	205	207	210	214	218	223	228	233	236	237	237	237
Harrison Park	264	256	229	230	230	240	246	249	247	248	250	254	256	259	259	259	258	258
Hayhurst	107	147	159	177	192	187	193	195	200	195	199	201	203	204	205	206	206	207
Hayhurst-Odyssey	70	75	76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Humboldt	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Irvington	162	147	154	166	182	173	175	176	179	180	180	182	184	188	189	190	189	190
James John	264	247	218	206	195	196	195	197	201	207	214	219	222	222	222	221	223	223
Kelly	362	345	317	298	288	298	298	300	302	306	308	310	314	318	321	323	323	323
King	140	173	181	167	182	216	248	247	246	247	249	250	252	253	255	257	258	258
Laurelhurst	225	237	239	231	225	218	216	218	222	225	226	227	229	230	230	230	230	230
Lee	186	174	168	165	165	160	166	167	166	166	169	170	172	173	174	173	173	173

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PSU Population Research Center, August 2016

Table C1 (continued). Grades K-2 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Lent	220	208	190	173	172	181	181	183	185	189	191	195	200	205	207	207	207	207
Lewis	194	185	190	195	194	188	190	193	197	200	203	208	211	214	215	216	216	216
Llewellyn	274	224	239	238	247	236	235	237	241	244	247	251	255	258	258	258	257	256
Maplewood	177	170	179	188	185	178	179	180	180	181	182	183	184	183	183	182	182	182
Markham	217	217	206	211	214	224	225	227	226	226	226	227	229	229	229	228	228	228
Marysville	167	162	155	153	158	159	158	159	160	164	166	172	176	180	181	182	183	183
Peninsula	153	154	145	141	140	140	141	144	146	148	149	151	152	153	153	153	153	152
Rieke	199	193	197	193	186	188	194	198	198	198	199	201	202	203	202	202	204	205
Rigler	245	263	235	239	234	249	252	251	249	251	255	257	258	261	264	266	265	264
Rosa Parks	197	172	149	140	138	148	151	155	158	160	161	162	163	164	165	165	164	163
Roseway Heights	196	241	261	266	267	267	269	270	266	266	267	269	272	275	276	276	275	274
Sabin	221	236	235	238	222	218	216	217	220	225	229	234	239	243	245	245	245	244
Scott	220	215	198	187	193	196	198	197	195	196	197	199	200	202	203	204	203	202
Sitton	227	203	206	214	213	209	206	212	219	226	226	227	230	233	234	233	233	234
Skyline	89	108	103	99	93	94	93	93	95	97	98	99	99	101	102	104	104	104
Stephenson	137	147	160	184	185	185	185	185	185	186	188	191	195	198	200	200	198	197
Sunnyside Environm.	176	184	183	181	169	175	174	178	178	180	182	185	187	188	188	188	188	188
Vernon	176	178	181	180	190	186	188	189	190	192	194	197	199	200	199	197	196	197
Vestal	140	140	153	147	145	156	158	158	156	157	159	161	162	163	164	164	164	164
Whitman	171	154	125	126	139	144	146	147	150	151	152	155	159	160	160	159	159	159
Woodlawn	190	196	173	166	162	165	171	175	179	181	183	186	188	190	190	190	189	189
Woodmere	191	161	152	144	153	146	147	150	151	154	156	161	165	169	170	171	171	170
Woodstock	263	259	262	268	267	268	268	270	274	278	282	287	293	296	296	293	291	290
ACCESS	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Creative Science	168	160	150	148	147	149	149	149	149	149	149	149	149	149	149	149	149	149
Metro. Learning Ctr	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
Richmond	337	335	332	333	330	330	330	330	330	330	330	330	330	330	330	330	330	330
Winterhaven	80	76	78	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Other Schools & Programs[1]	589	652	688	688	645	600	556	539	562	589	621	640	653	665	673	680	685	707
TOTAL K-2	**12,695**	**12,716**	**12,619**	**12,501**	**12,413**	**12,436**	**12,473**	**12,562**	**12,709**	**12,882**	**13,062**	**13,238**	**13,403**	**13,533**	**13,605**	**13,623**	**13,617**	**13,619**

PSU Population Research Center, August 2016

1. Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.

Table C2. Grades 3-5 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Abernethy	256	257	239	255	253	265	249	252	240	236	240	247	252	257	262	265	267	268
Ainsworth	301	292	293	283	316	322	320	320	321	326	328	335	341	349	353	357	361	364
Alameda	405	385	362	361	377	368	352	341	337	331	331	337	344	349	353	357	358	352
Arleta	140	145	163	175	170	152	144	141	145	145	145	146	148	151	154	157	159	160
Astor	150	155	144	166	172	191	166	166	163	163	165	169	172	175	176	177	177	177
Atkinson	218	213	221	219	211	211	209	214	208	207	209	211	214	216	219	222	225	226
Beach	218	229	221	216	219	233	238	248	249	251	253	253	256	258	261	263	265	267
Beverly Cleary	272	288	299	316	326	318	300	296	296	294	295	302	310	317	322	325	327	328
Boise-Eliot-Humboldt	177	171	171	175	180	175	176	168	176	179	185	188	191	193	193	195	196	198
Bridger	156	137	151	146	171	179	195	195	196	196	198	198	201	203	206	209	211	213
Bridlemile	233	211	223	235	257	270	289	288	283	283	286	290	295	298	299	299	301	304
Buckman	218	228	244	252	262	264	260	265	266	269	273	278	283	288	291	295	299	302
Capitol Hill	181	200	200	213	221	227	231	223	223	228	232	235	234	237	239	244	246	248
Cesar Chavez	160	140	167	180	195	191	188	182	179	179	182	184	186	188	189	191	192	194
Chapman	312	333	314	330	333	329	318	308	313	315	315	319	325	331	335	342	347	352
Chief Joseph/Ock. Green	243	243	218	204	175	165	154	150	149	149	149	152	154	158	162	163	163	163
Creston	112	130	132	125	119	141	141	148	144	145	146	147	149	152	156	159	162	163
Duniway	218	245	243	250	268	263	265	242	247	245	246	248	251	253	260	268	275	277
Faubion	150	158	167	163	178	154	153	142	145	150	156	163	165	169	167	165	162	162
Forest Park	268	299	257	244	222	217	224	215	223	222	223	226	229	232	234	234	234	234
Glencoe	244	247	262	261	256	240	243	246	243	240	243	246	252	258	263	270	275	278
Grout	166	183	159	178	184	189	175	180	178	181	183	185	188	191	195	201	206	209
Harrison Park	228	227	259	266	253	228	229	230	239	245	249	247	247	249	254	256	259	259
Hayhurst	75	109	118	152	158	180	188	199	194	203	204	207	204	210	212	214	217	217
Hayhurst-Odyssey	78	76	75	79	80	82	81	81	81	81	81	81	81	81	81	81	81	81
Humboldt	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Irvington	178	183	185	173	161	164	178	194	186	188	189	192	193	193	195	197	201	202
James John	197	198	211	223	218	200	188	177	178	178	180	183	189	196	201	203	203	203
Kelly	260	286	293	300	294	268	251	244	252	252	254	255	256	257	259	263	266	268
King	105	107	132	162	193	198	186	201	231	258	257	256	258	261	264	267	268	270
Laurelhurst	231	230	240	248	258	258	250	244	237	235	237	241	244	245	246	248	249	249
Lee	161	155	167	164	163	157	153	152	150	155	155	155	155	158	159	160	161	162

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Table C2 (continued). Grades 3-5 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Lent	213	189	194	203	198	179	163	163	171	171	173	174	177	179	183	188	193	195
Lewis	220	197	192	196	195	189	195	194	188	190	192	194	197	200	205	209	213	214
Llewellyn	296	294	292	282	256	253	253	264	253	252	254	258	261	264	268	272	275	275
Maplewood	156	159	180	185	187	190	203	200	192	193	194	195	196	198	197	197	196	196
Markham	176	169	171	185	191	187	193	197	206	205	208	208	208	208	208	209	209	209
Marysville	117	118	117	131	141	145	143	146	146	145	146	146	149	151	157	161	165	166
Peninsula	114	124	123	128	137	140	135	132	132	133	135	137	139	140	141	141	141	141
Rieke	189	195	205	214	210	208	198	186	189	195	199	199	199	200	202	202	205	206
Rigler	218	217	216	224	230	220	224	218	233	236	235	233	235	239	241	242	245	248
Rosa Parks	187	169	180	175	178	150	142	137	148	147	152	156	158	159	160	161	162	163
Roseway Heights	199	211	209	236	255	269	277	275	276	278	277	275	275	276	279	282	283	283
Sabin	152	186	231	229	246	239	245	227	223	221	221	224	229	234	239	244	248	250
Scott	155	146	163	177	170	162	156	162	164	166	166	164	164	165	167	168	170	171
Sitton	149	196	184	189	170	178	186	186	182	179	185	191	197	197	198	201	204	205
Skyline	95	104	95	112	114	116	111	104	107	105	104	108	110	111	112	112	115	117
Stephenson	183	161	162	145	160	167	185	186	184	183	183	183	185	188	191	195	198	200
Sunnyside Environm.	188	194	199	199	209	200	199	187	196	196	199	199	201	203	205	207	208	208
Vernon	130	139	162	174	169	169	170	180	176	177	178	179	181	183	186	188	189	188
Vestal	127	124	124	148	156	157	151	151	163	164	164	162	163	165	167	168	169	170
Whitman	178	162	146	136	116	98	100	112	116	118	118	119	119	120	122	124	125	125
Woodlawn	141	150	161	167	171	159	152	151	154	160	164	167	168	170	173	175	177	177
Woodmere	180	177	160	154	136	140	136	144	137	138	141	142	145	147	151	154	157	158
Woodstock	242	228	234	238	241	241	247	246	247	247	249	253	256	259	262	267	268	268
ACCESS	103	136	164	164	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Creative Science	179	170	177	172	166	154	152	151	153	153	153	153	153	153	153	153	153	153
Metro. Learning Ctr	78	76	76	77	76	77	77	77	77	77	77	77	77	77	77	77	77	77
Richmond	300	299	297	306	304	302	303	300	300	300	300	300	300	300	300	300	300	300
Winterhaven	90	86	86	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Other Schools & Programs[1]	479	534	558	583	591	600	594	568	513	465	458	480	512	539	565	586	599	616
TOTAL 3-5	**11,545**	**11,770**	**11,988**	**12,331**	**12,468**	**12,340**	**12,236**	**12,148**	**12,150**	**12,175**	**12,266**	**12,404**	**12,573**	**12,750**	**12,921**	**13,082**	**13,209**	**13,281**

PSU Population Research Center, August 2016

1. Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.

Table C3. Grades 6-8 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Arleta K-8	145	130	129	129	128	147	157	152	135	127	125	129	129	129	130	132	134	136
Astor K-8	167	157	143	137	137	130	152	156	166	148	148	146	146	147	151	154	156	157
Beach K-8[1]	155	135	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beverly Cleary K-8	230	232	253	282	290	302	315	323	312	294	290	290	288	289	296	304	311	316
Boise-Eliot-Humboldt K-8	92	119	125	129	138	138	142	146	142	142	139	144	146	151	155	157	159	159
Bridger K-8	88	81	115	120	112	112	110	127	133	146	145	146	146	148	148	151	153	155
Cesar Chavez K-8	140	124	159	171	161	174	183	201	194	192	187	184	184	188	190	192	194	195
Chief Joseph/Ock. Gr. K-8[1]	119	135	155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Creston K-8	96	90	108	128	136	128	127	123	147	148	157	152	153	154	155	157	160	164
Faubion K-8	123	118	113	132	134	152	145	161	141	139	126	131	136	139	146	147	150	149
Harrison Park K-8	250	259	241	223	228	255	259	243	223	223	222	232	239	242	239	240	243	247
Hayhurst-Odyssey	85	77	71	67	66	65	68	69	71	71	71	71	71	71	71	71	71	71
Irvington K-8	138	155	154	145	144	145	132	119	122	132	145	140	142	143	145	145	145	147
King K-8	66	70	67	86	94	123	147	173	172	167	171	183	196	199	201	202	205	209
Laurelhurst K-8	217	204	212	221	218	227	234	243	243	236	231	225	223	225	229	232	233	234
Lee K-8	146	102	121	125	132	139	135	135	132	129	128	127	132	131	131	132	134	135
Lent K-8	171	163	180	177	181	179	186	181	165	151	150	157	157	159	160	163	165	169
Marysville K-8	132	125	118	110	105	110	120	131	136	133	137	139	138	139	139	141	142	146
Peninsula K-8[1]	109	118	106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Roseway Heights K-8	211	216	227	205	211	208	233	254	272	283	279	279	281	281	279	279	280	282
Sabin K-8	112	92	102	116	147	182	181	195	190	193	179	177	177	177	179	183	188	192
Scott K-8	132	120	112	117	123	133	140	136	128	124	128	129	131	131	130	130	131	132
Skyline K-8	81	97	102	94	95	89	105	108	107	104	99	100	99	99	103	105	106	107
Sunnyside Env. K-8	223	208	192	197	206	212	213	221	210	210	197	208	208	211	211	212	213	215
Vernon K-8	88	69	64	89	96	108	112	108	113	112	117	114	115	116	117	119	120	122
Vestal K-8	135	135	135	116	119	116	137	142	142	140	141	150	150	150	149	150	151	152
Woodlawn K-8[1]	98	79	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Table C3 (continued). Grades 6-8 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Beaumont MS	584	554	571	578	582	556	573	585	584	562	548	560	564	564	566	571	576	583
Sylvan MS	945	958	966	947	925	884	873	880	892	908	912	918	921	923	936	949	966	980
George MS	373	359	369	383	416	430	444	438	417	403	393	393	389	395	405	414	418	420
Gray MS	464	527	566	543	559	581	610	611	639	662	660	651	660	668	672	676	682	690
Hosford MS	576	591	640	676	697	678	692	695	703	697	701	699	698	706	716	729	739	749
Jackson MS	533	548	606	582	601	643	714	754	757	780	770	784	791	797	799	798	802	807
Lane MS	505	471	481	497	509	511	505	488	471	462	466	468	465	470	475	485	488	495
Ockley Green MS	--	--	--	518	544	554	579	585	570	557	558	564	567	568	575	580	589	595
Mt. Tabor MS	628	662	694	721	730	757	762	765	757	754	749	740	736	741	747	756	765	773
Sellwood MS	483	545	560	578	562	572	578	579	572	572	563	549	545	549	559	570	578	588
ACCESS	107	143	157	158	161	164	164	165	165	165	165	165	165	165	165	165	165	165
Creative Science	78	114	149	170	172	173	172	170	163	161	160	162	162	162	162	162	162	162
da Vinci	468	465	458	458	457	461	461	461	461	461	461	461	461	461	461	461	461	461
Metro. Learning Ctr.	156	154	154	154	155	155	155	155	155	155	155	155	155	155	155	155	155	155
Winterhaven	186	184	186	187	186	186	186	186	186	186	186	186	186	186	186	186	186	186
Other Schools & Programs[2]	468	486	464	434	414	473	494	458	402	351	338	290	269	279	305	345	390	429
TOTAL 6-8	**10,303**	**10,371**	**10,747**	**10,900**	**11,071**	**11,352**	**11,695**	**11,822**	**11,690**	**11,580**	**11,497**	**11,498**	**11,521**	**11,608**	**11,738**	**11,900**	**12,066**	**12,229**

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1. *Formerly a K-8 school; attendance area for grades 6 to 8 assigned to Ockley Green Middle School beginning in 2016-17.*
2. *Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.*

Table C4. Grades 9-12 Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Benson	830	879	914	978	1,087	1,170	1,248	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Cleveland	1,523	1,516	1,600	1,630	1,723	1,779	1,790	1,840	1,862	1,869	1,872	1,874	1,860	1,847	1,840	1,828	1,838	1,858
Franklin	1,460	1,552	1,570	1,636	1,714	1,758	1,793	1,796	1,850	1,868	1,853	1,857	1,822	1,786	1,795	1,789	1,796	1,821
Grant	1,486	1,503	1,481	1,491	1,539	1,589	1,673	1,725	1,808	1,858	1,876	1,884	1,861	1,838	1,801	1,793	1,801	1,816
Jefferson	511	493	524	548	570	634	655	673	692	705	721	722	718	713	704	712	717	724
Lincoln	1,565	1,583	1,696	1,726	1,721	1,744	1,674	1,643	1,616	1,601	1,652	1,652	1,675	1,692	1,682	1,696	1,701	1,711
Madison	1,066	1,077	1,134	1,180	1,218	1,200	1,178	1,186	1,222	1,243	1,267	1,264	1,242	1,240	1,255	1,265	1,270	1,273
Roosevelt	914	947	940	910	910	937	968	1,016	1,034	1,071	1,073	1,063	1,058	1,025	1,010	1,008	1,013	1,029
Wilson	1,230	1,257	1,324	1,464	1,528	1,610	1,612	1,677	1,725	1,756	1,876	1,901	1,927	1,963	1,968	1,986	2,000	2,018
Metro. Learning Ctr.[1]	130	130	120	113	106	105	107	106	106	106	106	106	106	106	106	106	106	106
Other Schools & Programs[2]	1,869	1,785	1,495	1,394	1,320	1,355	1,388	1,425	1,540	1,613	1,684	1,735	1,663	1,600	1,569	1,570	1,576	1,598
TOTAL 9-12	**12,584**	**12,722**	**12,798**	**13,070**	**13,436**	**13,881**	**14,086**	**14,387**	**14,755**	**14,990**	**15,280**	**15,358**	**15,232**	**15,110**	**15,030**	**15,053**	**15,118**	**15,254**

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1. Metropolitan Learning Center also includes students in grades K-8. Figures in this table are for grades 9-12 only.

2. Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.

Table C5. Total Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Abernethy ES	528	511	513	517	516	519	499	506	500	501	510	522	530	537	543	547	549	550
Ainsworth ES	576	582	600	590	622	632	635	638	643	652	660	672	682	694	702	708	712	715
Alameda ES	773	760	730	712	721	709	686	673	676	678	683	693	704	710	714	717	718	706
Arleta K-8	476	454	456	460	452	457	459	452	441	435	436	444	450	455	460	465	468	471
Astor K-8	500	497	493	483	490	498	494	500	512	498	503	506	510	514	519	523	525	525
Atkinson ES	441	428	435	430	429	422	419	426	422	425	430	435	441	446	450	453	456	457
Beach ES[1]	620	607	631	481	495	511	519	531	534	537	542	546	553	557	562	565	568	570
Beverly Cleary K-8	814	834	859	887	902	909	902	907	902	890	893	904	913	923	936	948	957	963
Boise-Eliot-Humboldt K-8	487	520	521	520	531	534	542	545	554	560	566	577	585	593	599	604	607	609
Bridger K-8	435	415	476	498	513	522	536	555	562	578	581	586	593	600	605	612	618	623
Bridlemile ES	450	442	480	513	532	539	558	559	558	563	569	574	579	584	588	590	591	592
Buckman ES	452	444	481	485	503	506	505	514	521	529	538	547	557	566	573	578	582	585
Capitol Hill ES	405	460	437	452	454	461	469	468	470	474	481	486	489	494	498	502	504	504
Cesar Chavez K-8	483	451	522	545	544	550	555	570	562	562	562	562	566	573	578	577	575	572
Chapman ES	646	674	643	648	635	636	626	615	624	632	639	648	659	669	677	686	692	698
Chief Joseph ES[1]	642	627	604	420	386	374	363	359	362	366	372	379	384	389	393	394	394	395
Creston K-8	350	350	392	407	415	425	426	431	452	456	469	469	476	483	489	495	501	506
Duniway ES	437	505	494	501	497	497	497	475	482	483	486	494	504	513	522	531	538	540
Faubion K-8	468	491	459	474	478	478	474	484	475	480	476	487	493	498	504	503	503	502
Forest Park ES	490	486	449	441	412	415	421	413	424	426	429	433	436	439	441	439	437	435
Glencoe ES	502	503	500	500	498	479	479	485	484	487	496	504	516	528	537	546	552	556
Grout ES	377	389	376	379	389	390	380	387	388	395	401	408	416	424	431	438	443	446
Harrison Park K-8	742	742	729	719	711	723	734	722	709	716	721	733	742	750	752	755	760	764
Hayhurst ES	182	256	277	329	350	367	381	394	394	398	403	408	407	414	417	420	423	424
Hayhurst-Odyssey K-8	233	228	222	221	221	222	224	225	227	227	227	227	227	227	227	227	227	227
Irvington K-8	478	485	493	484	487	482	485	489	487	500	514	514	519	524	529	532	535	539
James John ES	461	445	429	429	413	396	383	374	379	385	394	402	411	418	423	424	426	426
Kelly ES	622	631	610	598	582	566	549	544	554	558	562	565	570	575	580	586	589	591
King K-8	311	350	380	415	469	537	581	621	649	672	677	689	706	713	720	726	731	737
Laurelhurst K-8	673	671	691	700	701	703	700	705	702	696	694	693	696	700	705	710	712	713

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PSU Population Research Center, August 2016

Table C5 (continued). Total Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Lee K-8	493	431	456	454	460	456	454	454	448	450	452	452	459	462	464	465	468	470
Lent K-8	604	560	564	553	551	539	530	527	521	511	514	526	534	543	550	558	565	571
Lewis ES	414	382	382	391	389	377	385	387	385	390	395	402	408	414	420	425	429	430
Llewellyn ES	570	518	531	520	503	489	488	501	494	496	501	509	516	522	526	530	532	531
Maplewood ES	333	329	359	373	372	368	382	380	372	374	376	378	380	381	380	379	378	378
Markham ES	393	386	377	396	405	411	418	424	432	431	434	435	437	437	437	437	437	437
Marysville K-8	416	405	390	394	404	414	421	436	442	442	449	457	463	470	477	484	490	495
Peninsula ES[1]	376	396	374	269	277	280	276	276	278	281	284	288	291	293	294	294	294	293
Rieke ES	388	388	402	407	396	396	392	384	387	393	398	400	401	403	404	404	409	411
Rigler ES	463	480	451	463	464	469	476	469	482	487	490	490	493	500	505	508	510	512
Rosa Parks ES	384	341	329	315	316	298	293	292	306	307	313	318	321	323	325	326	326	326
Roseway Heights K-8	606	668	697	707	733	744	779	799	814	827	823	823	828	832	834	837	838	839
Sabin K-8	485	514	568	583	615	639	642	639	633	639	629	635	645	654	663	672	681	686
Scott K-8	507	481	473	481	486	491	494	495	487	486	491	492	495	498	500	502	504	505
Sitton ES	376	399	390	403	383	387	392	398	401	405	411	418	427	430	432	434	437	439
Skyline K-8	265	309	300	305	302	299	309	305	309	306	301	307	308	311	317	321	325	328
Stephenson ES	320	308	322	329	345	352	370	371	369	369	371	374	380	386	391	395	396	397
Sunnyside Environm. K-8	587	586	574	577	584	587	586	586	584	586	578	592	596	602	604	607	609	611
Vernon K-8	394	386	407	443	455	463	470	477	479	481	489	490	495	499	502	504	505	507
Vestal K-8	402	399	412	411	420	429	446	451	461	461	464	473	475	478	480	482	484	486
Whitman ES	349	316	271	262	255	242	246	259	266	269	270	274	278	280	282	283	284	284
Woodlawn ES[1]	429	425	407	333	333	324	323	326	333	341	347	353	356	360	363	365	366	366
Woodmere ES	371	338	312	298	289	286	283	294	288	292	297	303	310	316	321	325	328	328
Woodstock ES	505	487	496	506	508	509	515	516	521	525	531	540	549	555	558	560	559	558

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Table C5 (continued). Total Enrollment by School

School	< History			Forecast >														
	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	2026-27	2027-28	2028-29	2029-30	2030-31
Beaumont MS	584	554	571	578	582	556	573	585	584	562	548	560	564	564	566	571	576	583
Sylvan MS	945	958	966	947	925	884	873	880	892	908	912	918	921	923	936	949	966	980
George MS	373	359	369	383	416	430	444	438	417	403	393	393	389	395	405	414	418	420
Gray MS	464	527	566	543	559	581	610	611	639	662	660	651	660	668	672	676	682	690
Hosford MS	576	591	640	676	697	678	692	695	703	697	701	699	698	706	716	729	739	749
Jackson MS	533	548	606	582	601	643	714	754	757	780	770	784	791	797	799	798	802	807
Lane MS	505	471	481	497	509	511	505	488	471	462	466	468	465	470	475	485	488	495
Mt. Tabor MS	628	662	694	721	730	757	762	765	757	754	749	740	736	741	747	756	765	773
Ockley Green MS	--	--	--	518	544	554	579	585	570	557	558	564	567	568	575	580	589	595
Sellwood MS	483	545	560	578	562	572	578	579	572	572	563	549	545	549	559	570	578	588
Benson HS	830	879	914	978	1,087	1,170	1,248	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Cleveland HS	1,523	1,516	1,600	1,630	1,723	1,779	1,790	1,840	1,862	1,869	1,872	1,874	1,860	1,847	1,840	1,828	1,838	1,858
Franklin HS	1,460	1,552	1,570	1,636	1,714	1,758	1,793	1,796	1,850	1,868	1,853	1,857	1,822	1,786	1,795	1,789	1,796	1,821
Grant HS	1,486	1,503	1,481	1,491	1,539	1,589	1,673	1,725	1,808	1,858	1,876	1,884	1,861	1,838	1,801	1,793	1,801	1,816
Jefferson HS	511	493	524	548	570	634	655	673	692	705	721	722	718	713	704	712	717	724
Lincoln HS	1,565	1,583	1,696	1,726	1,721	1,744	1,674	1,643	1,616	1,601	1,652	1,652	1,675	1,692	1,682	1,696	1,701	1,711
Madison HS	1,066	1,077	1,134	1,180	1,218	1,200	1,178	1,186	1,222	1,243	1,267	1,264	1,242	1,240	1,255	1,265	1,270	1,273
Roosevelt HS	914	947	940	910	910	937	968	1,016	1,034	1,071	1,073	1,063	1,058	1,025	1,010	1,008	1,013	1,029
Wilson HS	1,230	1,257	1,324	1,464	1,528	1,610	1,612	1,677	1,725	1,756	1,876	1,901	1,927	1,963	1,968	1,986	2,000	2,018
ACCESS	236	305	346	347	351	354	354	355	355	355	355	355	355	355	355	355	355	355
Creative Science K-8	425	444	476	490	485	476	473	470	465	463	462	464	464	464	464	464	464	464
da Vinci MS	468	465	458	458	457	461	461	461	461	461	461	461	461	461	461	461	461	461
Metro. Learning Ctr. K-12	440	436	426	420	413	413	415	414	414	414	414	414	414	414	414	414	414	414
Richmond ES	637	634	629	639	634	632	633	630	630	630	630	630	630	630	630	630	630	630
Winterhaven K-8	356	346	350	352	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Other Schools & Programs[2]	3,405	3,457	3,205	3,099	2,970	3,028	3,032	2,990	3,017	3,018	3,101	3,145	3,097	3,083	3,112	3,181	3,250	3,350
TOTAL K-12	**47,127**	**47,579**	**48,152**	**48,802**	**49,388**	**50,009**	**50,490**	**50,919**	**51,304**	**51,627**	**52,105**	**52,498**	**52,729**	**53,001**	**53,294**	**53,658**	**54,010**	**54,383**

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1. Formerly a K-8 school; attendance area for grades 6 to 8 assigned to Ockley Green Middle School beginning in 2016-17.

2. Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.