

**PORTLAND PUBLIC SCHOOLS
ENROLLMENT FORECASTS
2017-18 to 2031-32**

Based on October 2016 Enrollments



Portland State
UNIVERSITY
**Population Research
Center**



NOVEMBER 2017

Forecasts prepared July 2017

**PORTLAND PUBLIC SCHOOLS
ENROLLMENT FORECASTS
2017-18 TO 2031-32**

Based on October 2016 Enrollments



NOVEMBER 2017

Forecasts prepared July 2017

Project Staff:

Charles Rynerson, Research Associate

Xi Yang, Graduate Research Assistant

CONTENTS

EXECUTIVE SUMMARY.....	1
Population and Housing Trends	1
Enrollment Trends.....	2
Enrollment Forecasts	2
INTRODUCTION	7
POPULATION AND HOUSING TRENDS	9
Population by Age Group	9
Births	10
Housing and Household Growth	14
School Enrollment and Characteristics of New Housing.....	17
ENROLLMENT TRENDS.....	19
District Capture Rate.....	21
Enrollment Trends by Place of Residence	23
ENROLLMENT FORECASTS.....	25
Forecast Process.....	25
District-wide Population and Enrollment Forecasts: Methodology.....	25
District-wide Population and Enrollment Forecasts: Results.....	28
Resident Enrollment Forecasts by High School Cluster: Methodology.....	34
Resident Enrollment Forecasts by High School Cluster: Results.....	34
Resident Enrollment Forecasts by Attendance Area: Methodology.....	36
Resident Enrollment Forecasts by Attendance Area: Results.....	36
Enrollment Forecasts for Individual Schools: Methodology	37
Enrollment Forecasts for Individual Schools: Results	38
FORECAST ACCURACY.....	39
APPENDIX A: DISTRICT-WIDE ENROLLMENT FORECASTS, 2017-18 to 2031-32.....	
APPENDIX B: ENROLLMENT FORECASTS <u>BY AREA OF RESIDENCE</u> , 2017-18 to 2031-32.....	
APPENDIX C: ENROLLMENT FORECASTS <u>BY SCHOOL</u> , 2017-18 to 2031-32.....	
APPENDIX D: POPULATION, HOUSING, SOCIAL AND ECONOMIC PROFILE.....	

TABLES, CHARTS, AND FIGURES

Table 1. PPS District-wide K-12 Enrollment Forecasts.....	4
Table 2. Births by High School Cluster.....	12
Table 3. PPS, Housing and Household Characteristics, 1990, 2000 and 2010.....	15
Table 4. Housing Units Permitted by High School Cluster, 2001 to 2016.....	16
Table 5. Affordable Multi-Family Homes Under Development, June 2017.....	18
Table 6. PPS, Historic K-12 Enrollment, 2006-07 to 2016-17.....	20
Table 7. Estimated PPS Capture Rates, 1999-2000 and 2009-2010.....	21
Table 8. School Enrollment by Type of School, 2006-10 and 2011-15.....	22
Table 9. PPS Historic Enrollment by Grade Level and High School Cluster of Residence.....	24
Table 10. PPS District-wide Forecasts by Grade Level.....	33
Table 11. PPS Forecast K-12 Enrollment by High School Cluster of Residence.....	35
Table 12. District-wide Forecast Accuracy.....	40
Table 13. Forecast Accuracy by Grade Level.....	41

Chart 1. PPS District-wide K-12 Enrollment Forecasts.....	4
Chart 2. PPS District-wide K-5 Enrollment Forecasts.....	5
Chart 3. PPS District-wide 6-8 Enrollment Forecasts.....	5
Chart 4. PPS District-wide 9-12 Enrollment Forecasts.....	6
Chart 5. Population by Age Group, PPS, 1990, 2000, and 2010.....	10
Chart 6. Age-Specific Fertility Rates, 1990, 2000, and 2010, Residents of PPS.....	11
Chart 7. Annual Births to PPS Residents, 2000 to 2015.....	12
Chart 8. Median Age of Mother at Birth of Child, by Place of Residence.....	14
Chart 9. Housing Units Authorized in PPS by City of Portland.....	15
Chart 10. Ratio of Kindergarten Enrollment to PPS Births, Historic and Forecast.....	28
Chart 11. PPS, Net Migration, 1990 to 2030.....	30
Chart 12. Population Change due to Net Migration, by Age Group, 2000 to 2020.....	31
Chart 13. Total Population, PPS District, 1970 to 2030.....	32

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 and annual forecasts of enrollment for a 15 year horizon, from 2017-18 to 2031-32. 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. The number of births has fallen since 2010, reaching a new low in 2015.
- 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 has increased each year. The annual average for the most recent three years from 2014 to 2016 is similar to the average during the previous peak from 2002 to 2007.
- More than 4,000 multiple family housing units were permitted within PPS each year between 2014 and 2016, bringing the total for the decade to nearly 20,000 in just seven years.

Enrollment Trends

- In fall 2016, Portland Public Schools (PPS) enrolled 48,309 students in grades K-12, an increase of 157 students from fall 2015.
- For the eight year period since 2008-09, PPS K-12 enrollment has grown by 3,285 students, or seven percent.
- Since reaching a low in 2006-07, elementary (K-5th) grades have added 3,398 students (16 percent); fall 2016 district-wide K-5th grade enrollment of 24,629 was the largest since 1999-2000.
- After six consecutive years of growth between 2009-10 and 2015-16 during which the District added 922 students, fall 2016 enrollment of 10,696 in 6th-8th grades was 51 students (0.5 percent) smaller than in fall 2015.
- Grades 9-12 reached a low enrollment of 12,584 in fall 2013, but grew in each of the three following years, adding 400 students by fall 2016. The largest growth occurred between fall 2015 and fall 2016, when grades 9-12 added 186 students (1.5 percent), reaching a total of 12,984 in fall 2016.
- Over the five year period between 2011-12 and 2016-17 the number of PPS K-12 students residing in the Madison and Roosevelt clusters declined by four and three percent, respectively. The largest K-12 PPS resident growth rates were in the Lincoln (16 percent) and Wilson (10 percent) clusters.

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 350 students annually over the 15 year forecast horizon, reaching 53,652 in 2031-32.
- Elementary growth declines slightly during the first four 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 200 students annually, reaching 51,271 in 2031-32.
- 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 2016.
- In the high scenario, K-12 enrollment growth averages about 500 students annually, reaching 55,890 in 2031-32.
- 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 2011-12, although there is less growth in elementary grades and more growth in secondary grades compared with the 2011-12 to 2016-17 period.

Table 1 contains recent and forecast enrollments by five year intervals. Following the table, Chart 1 depicts annual K-12 enrollment since 2006-07 and forecasts through 2031-32. 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).

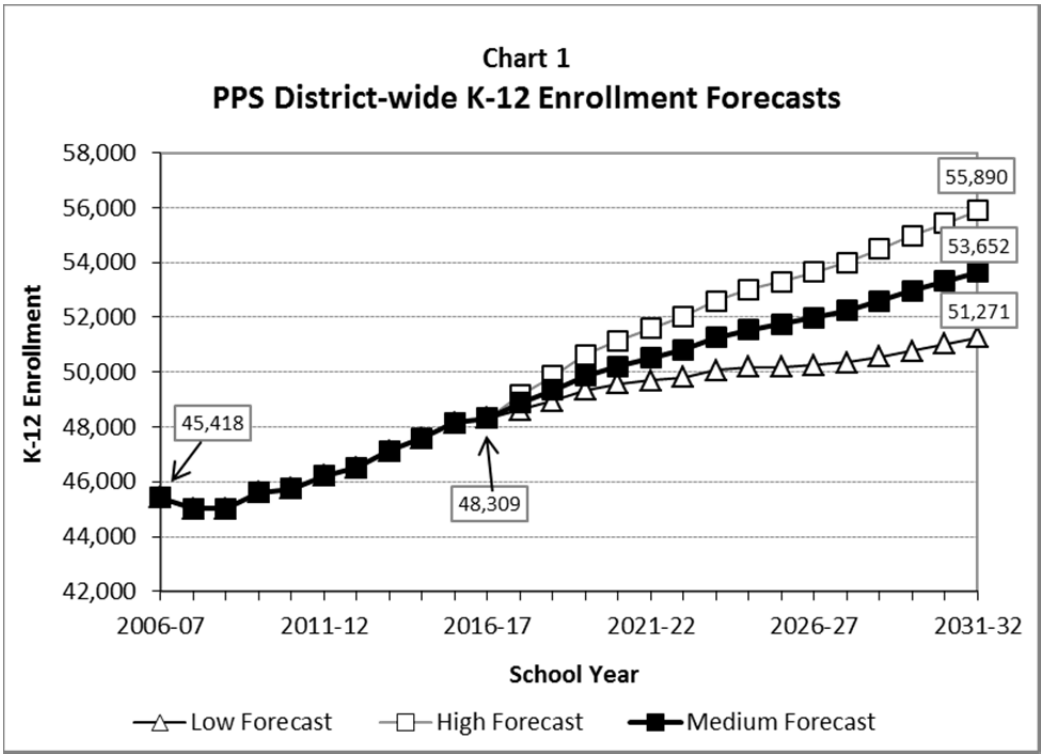
[Appendix A](#) contains annual district-wide enrollment forecasts by individual grade for each of the three scenarios. [Appendix B](#) contains forecasts of residents by high school cluster and school attendance areas, and [Appendix C](#) contains forecasts of students attending individual schools.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

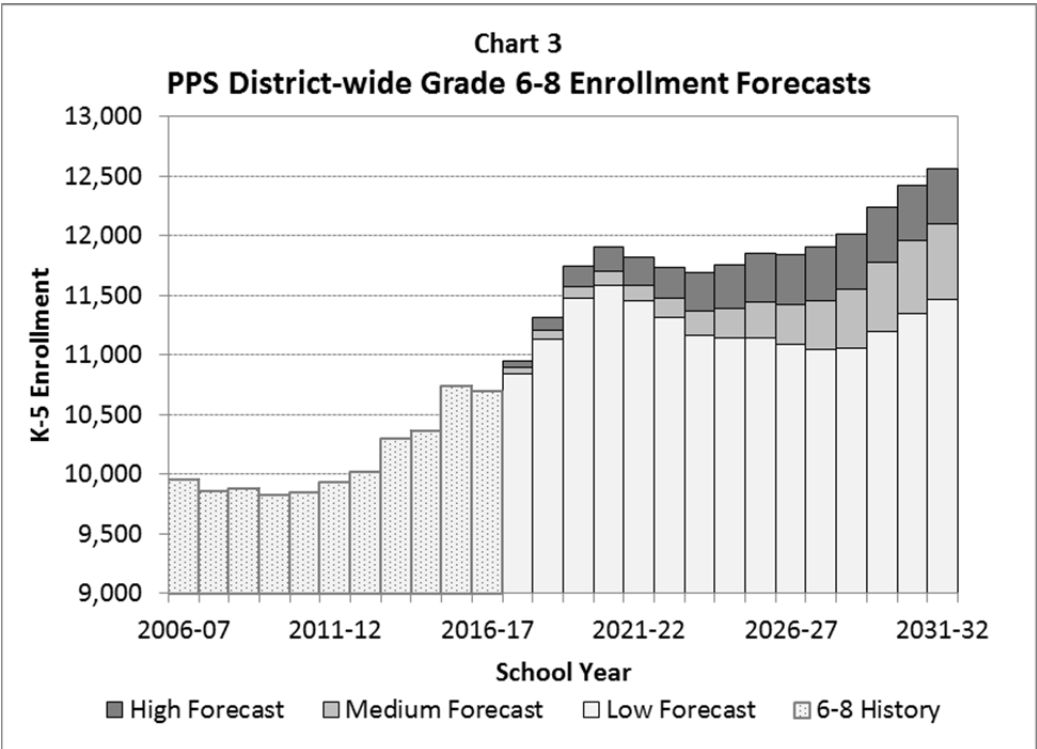
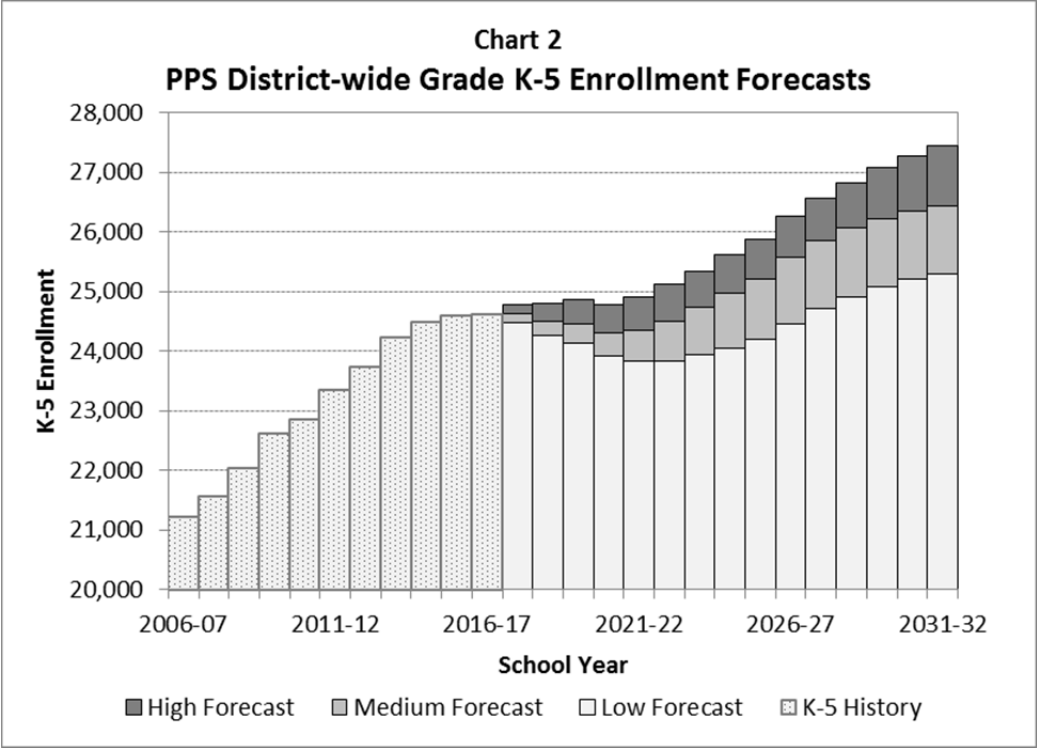
with the district-wide medium growth scenario. [Appendix D](#) includes a summary of selected estimates from the Census Bureau’s American Community Survey.

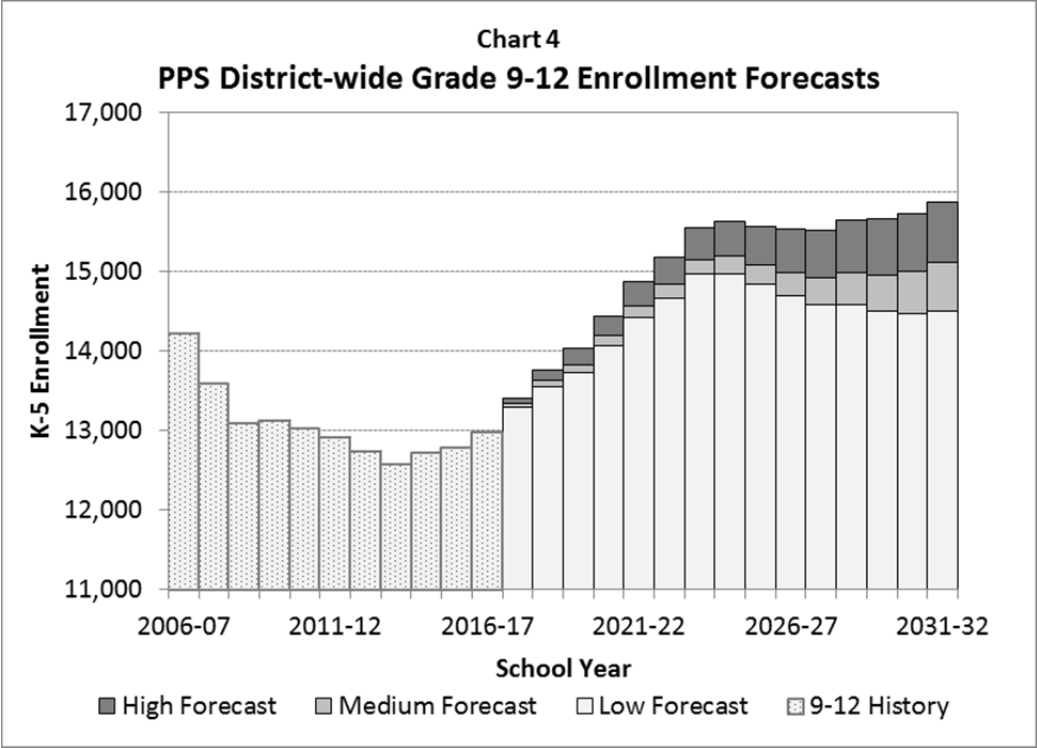
Table 1
PPS District-wide K-12 Enrollment Forecasts

	Historic		Forecast		
	2011-12	2016-17	2021-22	2026-27	2031-32
Medium Growth Scenario	46,206	48,309	50,511	51,986	53,652
5 year change		2,103	2,202	1,475	1,666
Low Growth Scenario	46,206	48,309	49,706	50,249	51,271
5 year change		2,103	1,397	543	1,022
High Growth Scenario	46,206	48,309	51,600	53,639	55,890
5 year change		2,103	3,291	2,039	2,251

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







INTRODUCTION

The Population Research Center (PRC) at Portland State University has prepared enrollment forecasts for Portland Public Schools (PPS) in each of the past 18 years. This new study updates the previous long-range forecasts 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 2017-18 to 2031-32 school years.

Primary data sources used to prepare these forecasts include historic PPS enrollments through 2016-17, U.S. Census Bureau 2000 and 2010 Decennial Censuses and 2011 to 2015 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 kindergarten and 1st grade capture rates (ratios of PPS enrollment to total residents).
- 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. Next are summaries 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, C) enrollment forecasts by individual school, and D) selected population, housing, social, and economic estimates from the Census Bureau’s American Community Survey.

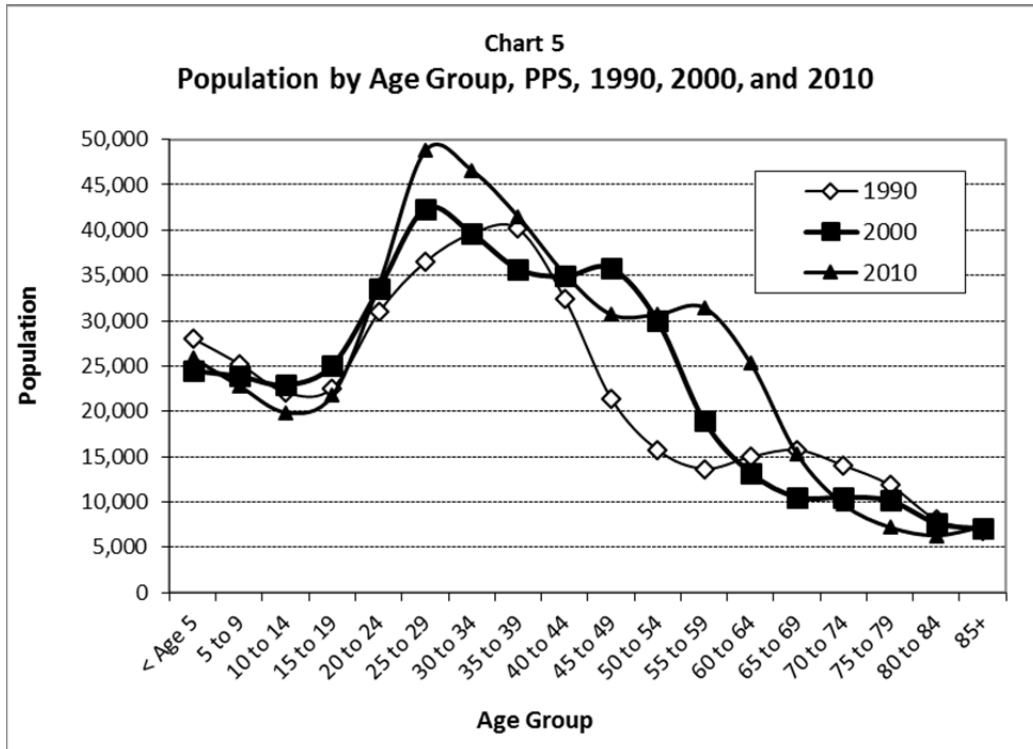
POPULATION AND HOUSING TRENDS

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.

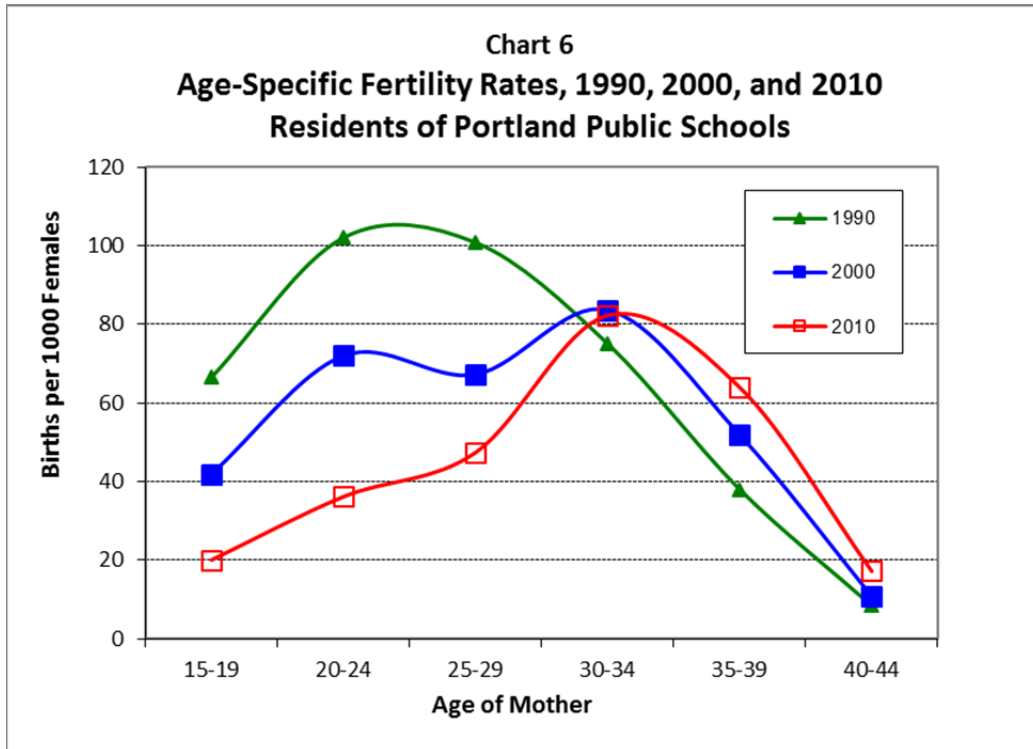
Chart 5 illustrates the growth of the young adult population. In 2000, 25 to 34 year-olds constituted the two largest age groups, with a population of about 82,000 accounting for nearly 18 percent of the District's total population. By 2010 the 95,000 PPS residents age 25 to 34 accounted for nearly 21 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 nationally and statewide. Previous reports also showed PPS births peak in 2007. After correction for a geographic error that overstated 2006 and 2007 PPS births, we found that PPS births peaked in 2008. In the U.S., in Oregon, and in PPS, the number of births in 2015 remained about eight percent below their 2007 level.

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, five of the six east side clusters recorded their highest recent birth totals during the middle period shown in the table, 2006 to 2010. Only the Wilson and Lincoln clusters had increases in each successive period.

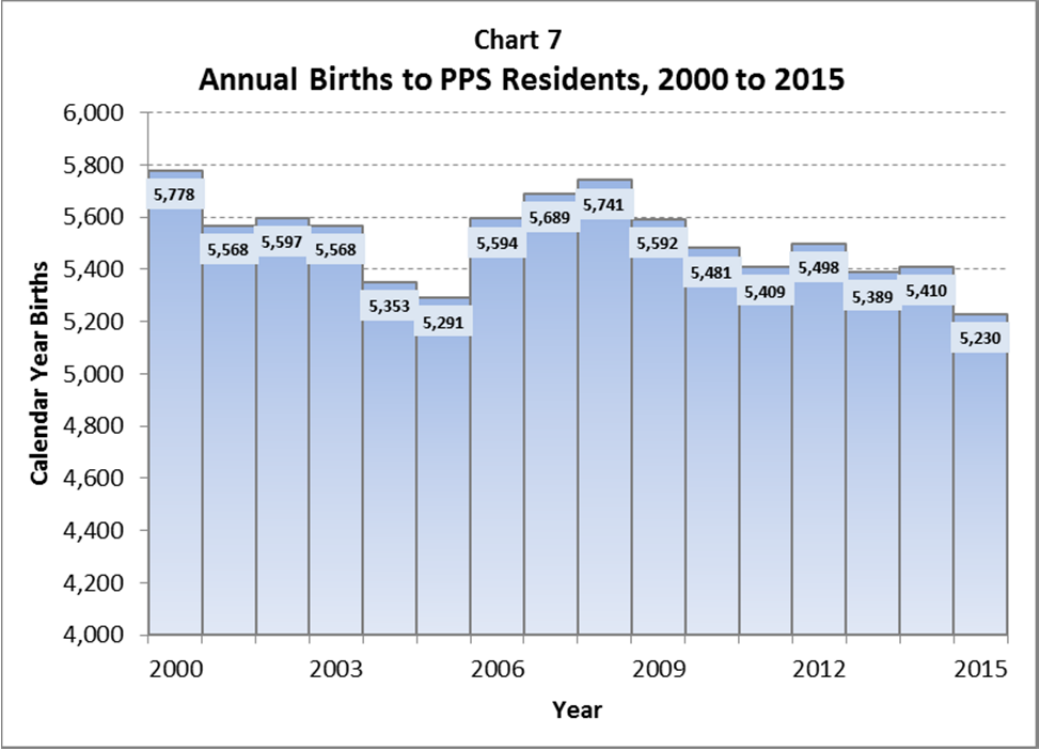


Table 2
Births by High School Cluster

HS Cluster ¹	Five Year Period			2001-05 to 2006-10 change	2006-10 to 2011-15 change
	2001-05	2006-10	2011-15		
Cleveland	4,043	4,187	3,899	4%	-7%
Franklin	4,885	4,902	4,676	0%	-5%
Grant ²	2,641	2,446	2,104	-7%	-14%
Jefferson	4,188	4,225	4,091	1%	-3%
Lincoln	1,984	2,091	2,220	5%	6%
Madison ²	3,458	3,679	3,409	6%	-7%
Roosevelt ²	2,816	3,166	2,964	12%	-6%
Wilson	3,362	3,401	3,573	1%	5%
PPS District Total	27,377	28,097	26,936	3%	-4%

1. High school cluster boundaries in 2017-18.
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 2017-18 high school cluster boundaries by Population Research Center, PSU.

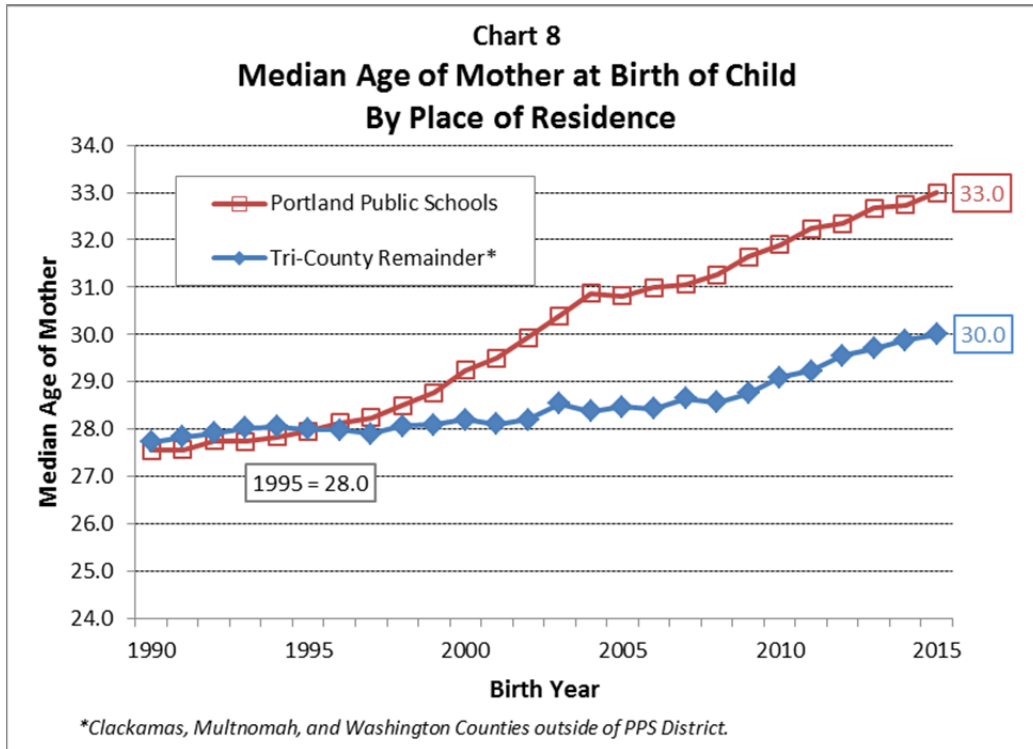
If no one moved into or out of the District, and all kindergarten-age residents attended PPS kindergartens, kindergarten enrollment trends would perfectly reflect cohort birth trends. In fact, the recent peak in kindergarten enrollment, fall 2012, aligned with the District’s peak

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 four years following 2012-13, kindergarten enrollment declined by five percent, similar to 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 2015, median age for PPS residents giving birth had risen by five years to 33.0, while median age in suburban areas increased only two years, to 30.0 (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, 2011-2015 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.

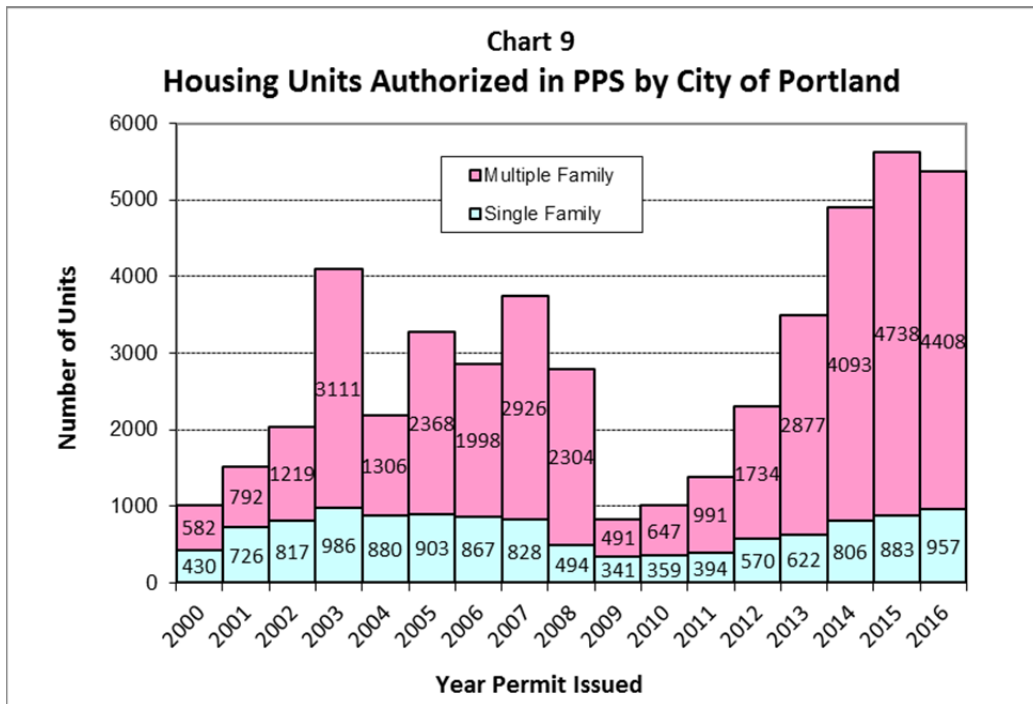
Chart 9 illustrates the variation in new residential development from year to year. The number of single family homes permitted within PPS was over 800 each year during the housing boom from 2002 to 2007, and fell to under 400 annually during the recession and slow recovery of 2009 to 2011. Multiple 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. Since 2014, single family construction has returned to mid-2000s peak levels, and the number of multiple-family units permitted within PPS has 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* <i>share of total</i>	116,411 64%	123,519 63%	130,774 60%	7,255	6%
Multiple Family* <i>share of total</i>	63,158 35%	71,613 36%	86,273 39%	14,660	20%
Mobile Home and Other* <i>share of total</i>	3,061 2%	2,120 1%	2,326 1%	206	10%
Households	172,254	185,822	205,054	19,232	10%
Households with children < 18 <i>share of total</i>	46,998 27%	46,876 25%	46,450 23%	-426	-1%
Households with no children < 18 <i>share of total</i>	125,256 73%	138,946 75%	158,604 77%	19,658	14%
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.



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 2001 to 2004 and 2005 to 2008, respectively, Table 4 shows that in the eight year period beginning in 2009, 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 65 percent in 2001-2004 to 31 percent in 2013-2016. The share of PPS multiple family units permitted within the Jefferson HSCL increased from three percent in 2001-2004 to 16 percent in 2013-2016, while the share in the Cleveland HSCL increased from eight to 25 percent.

Table 4
Housing Units Authorized by City of Portland Building Permits
PPS By High School Cluster, 2001 to 2016

<i>Single Family Units by Year Permit Issued</i>								
HS Cluster*	2001 to 2004	2005 to 2008	2009 to 2012	2013	2014	2015	2016	2013-16 Total
Cleveland	425	457	268	132	163	166	191	652
Franklin	453	463	286	120	155	136	157	568
Grant	91	62	78	44	64	47	59	214
Jefferson	447	316	393	96	154	192	223	665
Lincoln	599	245	79	46	38	36	38	158
Madison	371	371	160	25	50	95	83	253
Roosevelt	525	620	234	92	87	100	84	363
Wilson	498	558	166	67	95	111	122	395
PPS Total	3,409	3,092	1,664	622	806	883	957	3,268

<i>Multiple Family Units by Year Permit Issued</i>								
HS Cluster*	2001 to 2004	2005 to 2008	2009 to 2012	2013	2014	2015	2016	2013-16 Total
Cleveland	501	504	603	786	1,140	1,144	982	4,052
Franklin	307	299	152	318	132	285	669	1,404
Grant	136	152	236	312	145	95	259	811
Jefferson	192	1,185	521	576	568	584	870	2,598
Lincoln	4,175	3,815	1,833	432	1,737	1,722	1,098	4,989
Madison	580	414	31	6	12	29	30	77
Roosevelt	394	902	120	293	93	93	335	814
Wilson	143	2,325	367	154	266	786	165	1,371
PPS Total	6,428	9,596	3,863	2,877	4,093	4,738	4,408	16,116

**Note: Data for all years shown for 2017-18 high school cluster areas.*

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

School Enrollment and Characteristics of New Housing

Over 10,000 multiple family housing units were completed within PPS between 2010 and 2015. In fall 2016 these new developments were home to about 500 PPS K-12 students, just five students per 100 homes. For long-time residents, the visual impact of large new buildings lining major streets is evidence of the city's growth. However, single family homes built within PPS during the same period, a small fraction of the housing stock increase, contributed more to school enrollment growth than the new apartments. There were more than 700 PPS K-12 students in fall 2016 residing in the roughly 2,600 single family homes built between 2010 and 2015, an average of 28 students per 100 homes. Newer homes initially tend to house younger families; in every 100 new homes there were about 17 K-5th grade students and fewer than five high school students.

The average number of school-age children per apartment home is dependent on a variety of factors, the most important being unit size and affordability. By themselves, forecasts of future housing stock provide little indication of future enrollment growth. Anticipating the enrollment impact of new housing is only possible when specific characteristics of a development are known. In the 12 large apartment buildings built between 2010 and 2015 along Southeast Division Street between 30th and 48th avenues, most of the units are studio or one bedroom market-rate rentals. In fall 2016 these developments were home to about one PPS student for every 100 units. At the other extreme, there were four large income-restricted developments built between 2005 and 2013 in which at least half of the units had three or more bedrooms. These developments were home to 112 PPS students for every 100 units.

Developments in the pipeline with 10 or more units larger than one bedroom (Table 5) are those whose enrollment impacts are specifically factored into the school forecasts. Many of these benefit from the Multiple-Unit Limited Tax Exemption (MULTE) Program adopted by Portland's City Council in 2012, providing a ten year property tax exemption. Beginning in February 2017 all new applications for developments with 20 or more units are subject to the city's Inclusionary Housing Policy specifying affordability thresholds and minimum shares of affordable units.³

³ See Program-Specific Administrative Rules at <https://www.portlandoregon.gov/citycode/73403>.

Table 5
Affordable Multi-Family Homes under Development within PPS, June 2017¹

Elementary Area	Name	Total Units ²	Affordable Units with 2+ BRs		June 2017 status	Expected Completion
			2 BR	3 BR ³		
Ainsworth	Riverplace Parcel 3	380	47	5	Planned	June 2019
Arleta	72Foster	101	12	9	Planned	Dec 2018
Boise-Eliot-Humboldt	North Williams Center	61	32	18	Under construction	August 2019
Boise-Eliot-Humboldt	The Beatrice Morrow	80	32	12	Under construction	July 2018
Boise-Eliot-Humboldt	Miscellaneous ⁴	288	14	0	Under construction	2018
Bridger	The Jade	48	11	3	Planned	April 2019
Buckman	Block 45	240	43	0	Planned	Summer 2019
Chapman	Abigail Apartments	155	41	29	Complete	Fall 2016
Chapman	NW 14th and Raleigh	93	32	32	Under construction	Fall 2018
Chapman	Miscellaneous ⁴	1267	36	1	U.C. & Planned	2017-2019
Chief Joseph	Charlotte Rutherford Place	51	17	0	Under construction	June 2018
Kelly	Oliver Station	145	78	0	Under construction	Spring 2018
Lent	Woody Guthrie Place	64	10	7	Under construction	Nov 2018
Lent	Miscellaneous ⁴	54	2	3	Under construction	2018
Marysville	NAYA Generations ³	40	8	8	Complete	Feb 2017
Rigler	Holman 42	59	9	7	Planned	June 2019
Woodlawn	King Parks	70	38	12	Planned	Early 2019

1. Includes buildings with 10 or more income-restricted large units under construction or with design and financing nearly complete.

2. All housing units in the specified development(s), whether affordable or market-rate, regardless of size.

3. NAYA Generations includes four 3BR and four 4BR units.

4. Individual developments in attendance areas with a significant cluster of large affordable units are included even if they do not meet the 10 unit threshold for this table.

Source: Documents and interviews gathered by Population Research Center, PSU.

ENROLLMENT TRENDS

In fall 2016, Portland Public Schools (PPS) enrolled 48,309 students in grades K-12, an increase of 157 students from fall 2015. This is the eighth consecutive year of enrollment growth, following 12 consecutive years of enrollment losses that occurred between 1996-97 and 2008-09. For the eight year period since 2008-09, PPS K-12 enrollment has grown by 3,285 students, or seven percent.

Fall 2016 also marked the 10th consecutive year of annual elementary (K-5th) enrollment growth. However, the net increase of 22 students (0.1%) was the smallest growth during the period. The plateau in K-5 enrollment is largely due to successively smaller incoming kindergarten classes in each of the four years since their 2012-13 peak. Overall, elementary grades have added 3,398 students (16 percent) since 2006-07, and fall 2016 district-wide K-5 enrollment of 24,629 was the largest since the 1999-2000 school year.

Enrollment in middle grades (6th-8th) remained close to its recent 2015-16 peak. After six consecutive years of growth between 2009-10 and 2015-16 during which the District added 922 students, fall 2016 enrollment of 10,696 in 6th-8th grades was 51 students (0.5 percent) smaller than in fall 2015.

Momentum from the years of growth in earlier grades has now reached high school grades (9th-12th). Grades 9-12 reached a low enrollment of 12,584 in fall 2013, but grew in each of the three following years, adding 400 students by fall 2016. The largest growth occurred between fall 2015 and fall 2016, when grades 9-12 added 186 students (1.5 percent), reaching a total of 12,984 in fall 2016.

On the next page, Table 6 summarizes the K-12 enrollment history for the District by grade level annually from 2006-07 to 2016-17.⁴

⁴ The "total" row in Table 6 differs from the district-wide totals published by PPS because Table 6 shows K-12 figures only; it does not include pre-kindergarten enrollment.

Table 6
Portland Public Schools, Historic K-12 Enrollment, 2006-07 to 2016-17

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
K	3,620	3,803	3,951	4,073	3,995	4,064	4,277	4,244	4,127	4,097	4,073
1	3,696	3,760	3,825	4,007	4,091	4,037	4,146	4,369	4,302	4,266	4,141
2	3,549	3,629	3,739	3,782	3,894	4,029	3,937	4,082	4,287	4,256	4,211
3	3,501	3,545	3,598	3,730	3,727	3,898	3,918	3,864	4,041	4,233	4,160
4	3,436	3,460	3,528	3,542	3,682	3,721	3,813	3,906	3,864	3,983	4,128
5	3,429	3,376	3,412	3,496	3,479	3,597	3,660	3,775	3,865	3,772	3,916
6	3,383	3,354	3,250	3,318	3,354	3,396	3,467	3,547	3,594	3,722	3,568
7	3,163	3,369	3,295	3,254	3,299	3,310	3,336	3,407	3,428	3,601	3,605
8	3,411	3,143	3,335	3,253	3,192	3,230	3,217	3,349	3,349	3,424	3,523
9	3,481	3,356	3,147	3,349	3,176	3,082	3,065	3,057	3,137	3,259	3,240
10	3,558	3,323	3,316	3,121	3,339	3,256	3,111	3,055	3,090	3,131	3,203
11	3,581	3,341	3,244	3,165	3,026	3,181	3,090	2,990	2,946	2,981	3,102
12	3,610	3,571	3,384	3,502	3,487	3,405	3,480	3,482	3,549	3,427	3,439
UN*	28	53	0	0	0	0	0	0	0	0	0
Total	45,446	45,083	45,024	45,592	45,741	46,206	46,517	47,127	47,579	48,152	48,309
<i>Annual change</i>		-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%	157 0.3%
K-5	21,231	21,573	22,053	22,630	22,868	23,346	23,751	24,240	24,486	24,607	24,629
6-8	9,957	9,866	9,880	9,825	9,845	9,936	10,020	10,303	10,371	10,747	10,696
9-12	14,230	13,591	13,091	13,137	13,028	12,924	12,746	12,584	12,722	12,798	12,984

	5 Year Change: 2006-07 to 2011-12		5 Year Change: 2011-12 to 2016-17		10 Year Change: 2006-07 to 2016-17	
	Change	Pct.	Change	Pct.	Change	Pct.
K-5	2,115	10%	1,283	5%	3,398	16%
6-8	-21	0%	760	8%	739	7%
9-12	-1,306	-9%	60	0%	-1,246	-9%
Total	760	2%	2,103	5%	2,863	6%

*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.⁵ School years 1999-2000 and 2009-2010 are used because they include the April 1 census date. Rates based on the 2000

Table 7
Estimated PPS Capture Rates, Resident Enrollment¹
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
<i>Capture Rate, 1999-2000⁵</i>	<i>84.5%</i>	<i>84.9%</i>	<i>85.5%</i>	<i>81.9%</i>	<i>84.0%</i>
2009-2010 Enrollment	11,576	10,472	9,601	12,738	44,387
<i>Capture Rate, 2009-2010⁶</i>	<i>83.8%</i>	<i>82.8%</i>	<i>81.4%</i>	<i>78.8%</i>	<i>81.6%</i>

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.

⁵ 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 7 of this report.

and 2010 censuses presented in Table 7 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 Census Bureau’s American Community Survey (ACS) includes questions about school enrollment by level and by type (public or private). The most recent estimate, from 2011 to 2015 responses, is that 14.7% (+/- 1.1%) of PPS residents enrolled in grades K-12 were enrolled in public schools. Compared with the previous period, 2006 to 2010, the number and share of high school students has increased in private schools and decreased in public schools. However, the ACS sample is not large enough to assert that the changes measured by the survey are statistically significant. Estimates of public and private school share for PPS based on the ACS are shown in Table 8.

	2006-10		2011-15	
	estimate	MOE*	estimate	MOE*
Enrolled in K-12 th grade	49,019	+/-1,313	50,537	+/-1,263
Public Schools	41,932	+/-1,270	43,089	+/-1,214
Private Schools	7,087	+/-525	7,448	+/-541
<i>Private Share</i>	14.5%	+/- 1.1%	14.7%	+/- 1.1%
Enrolled in 1 st -8 th grade	32,246	+/-1,054	35,092	+/-1,058
Public Schools	27,406	+/-0,999	30,071	+/-1,028
Private Schools	4,840	+/-427	5,021	+/-423
<i>Private Share</i>	15.0%	+/- 1.4%	14.3%	+/- 1.3%
Enrolled in 9 th -12 th grade	16,773	+/-784	15,445	+/-689
Public Schools	14,526	+/-784	13,018	+/-647
Private Schools	2,247	+/-305	2,427	+/-338
<i>Private Share</i>	13.4%	+/- 1.9%	15.7%	+/- 2.3%

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

Source: American Community Survey 5 year estimates, Table B14002. Data aggregated and MOEs recomputed by Portland State University Population Research Center.

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.

High school clusters (HSCLs) are composed of the elementary school attendance areas (ESAAs) in the high schools' feeder patterns. Beginning in 2017-18, the Bridlemile ESAA will be split between the Lincoln and Wilson HSAAs. However, HSCL tables in this report include the entire Bridlemile ESAA in the Wilson cluster.

District-wide K-12 enrollment increased by five percent between 2011-12 and 2016-17, with wide variation in growth rates among HSCLs. Table 9 reports the total number of residents of each high school cluster enrolled in PPS schools. Net losses in the Madison (minus four percent) and Roosevelt (minus three percent) HSCLs over the five year period contrast with the largest growth rates in the Lincoln (16 percent) and Wilson (10 percent) HSCLs.

**Table 9
Portland Public Schools Historic Enrollment
By Grade Level and High School Cluster of Residence**

HS Cluster (2017-18)*	Grades	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	5 year change	
								Number	Percent
Cleveland	K-5	3,491	3,594	3,625	3,593	3,619	3,664	173	5%
	6-8	1,367	1,403	1,501	1,554	1,626	1,628	261	19%
	9-12	1,768	1,794	1,713	1,782	1,834	1,867	99	6%
	Total	6,626	6,791	6,839	6,929	7,079	7,159	533	8%
Franklin	K-5	4,025	4,068	4,150	4,102	4,072	4,015	-10	0%
	6-8	1,711	1,728	1,772	1,709	1,799	1,814	103	6%
	9-12	2,041	1,987	1,988	2,060	2,052	2,115	74	4%
	Total	7,777	7,783	7,910	7,871	7,923	7,944	167	2%
Grant	K-5	2,588	2,600	2,711	2,736	2,783	2,707	119	5%
	6-8	1,075	1,138	1,187	1,173	1,216	1,265	190	18%
	9-12	1,350	1,365	1,318	1,353	1,356	1,352	2	0%
	Total	5,013	5,103	5,216	5,262	5,355	5,324	311	6%
Jefferson	K-5	2,799	2,908	2,921	3,009	3,032	2,986	187	7%
	6-8	1,151	1,110	1,066	1,073	1,098	1,165	14	1%
	9-12	1,471	1,489	1,411	1,415	1,324	1,296	-175	-12%
	Total	5,421	5,507	5,398	5,497	5,454	5,447	26	0%
Lincoln	K-5	1,629	1,673	1,725	1,804	1,778	1,763	134	8%
	6-8	701	712	770	841	877	866	165	24%
	9-12	1,085	1,172	1,193	1,227	1,340	1,329	244	22%
	Total	3,415	3,557	3,688	3,872	3,995	3,958	543	16%
Madison	K-5	2,931	2,995	3,004	3,003	2,955	2,942	11	0%
	6-8	1,311	1,289	1,329	1,335	1,346	1,266	-45	-3%
	9-12	1,678	1,619	1,547	1,529	1,514	1,471	-207	-12%
	Total	5,920	5,903	5,880	5,867	5,815	5,679	-241	-4%
Roosevelt	K-5	2,557	2,578	2,696	2,677	2,647	2,552	-5	0%
	6-8	1,119	1,103	1,075	1,029	1,037	1,050	-69	-6%
	9-12	1,354	1,330	1,339	1,264	1,276	1,252	-102	-8%
	Total	5,030	5,011	5,110	4,970	4,960	4,854	-176	-3%
Wilson	K-5	2,863	2,846	2,874	3,002	3,097	3,322	459	16%
	6-8	1,305	1,334	1,402	1,437	1,526	1,434	129	10%
	9-12	1,848	1,690	1,688	1,716	1,760	1,880	32	2%
	Total	6,016	5,870	5,964	6,155	6,383	6,636	620	10%
Out of District	K-5	463	489	534	560	624	678	215	46%
	6-8	196	203	201	220	222	208	12	6%
	9-12	329	300	387	376	342	422	93	28%
	Total	988	992	1,122	1,156	1,188	1,308	320	32%
PPS District Totals	K-5	23,346	23,751	24,240	24,486	24,607	24,629	1,283	5%
	6-8	9,936	10,020	10,303	10,371	10,747	10,696	760	8%
	9-12	12,924	12,746	12,584	12,722	12,798	12,984	60	0%
	Total	46,206	46,517	47,127	47,579	48,152	48,309	2,103	5%

**Note: Historical data reflects 2017-18 clusters. Specifically, Bridlemile is now included in the Wilson cluster, and the Roosevelt cluster has expanded to include the portion of the former Chief Joseph Elementary area now assigned to Peninsula Elementary. Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6.*

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 2015, 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. Increases in fertility rates for women age 30 and older are implemented in future years, reflecting long term trends. Steep declines in rates among women under 25 have continued since 2010, influencing the assumption that TFRs will decrease from 1.33 in 2010 to 1.26 in 2020.

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 0.845 for kindergarten and 0.861 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.

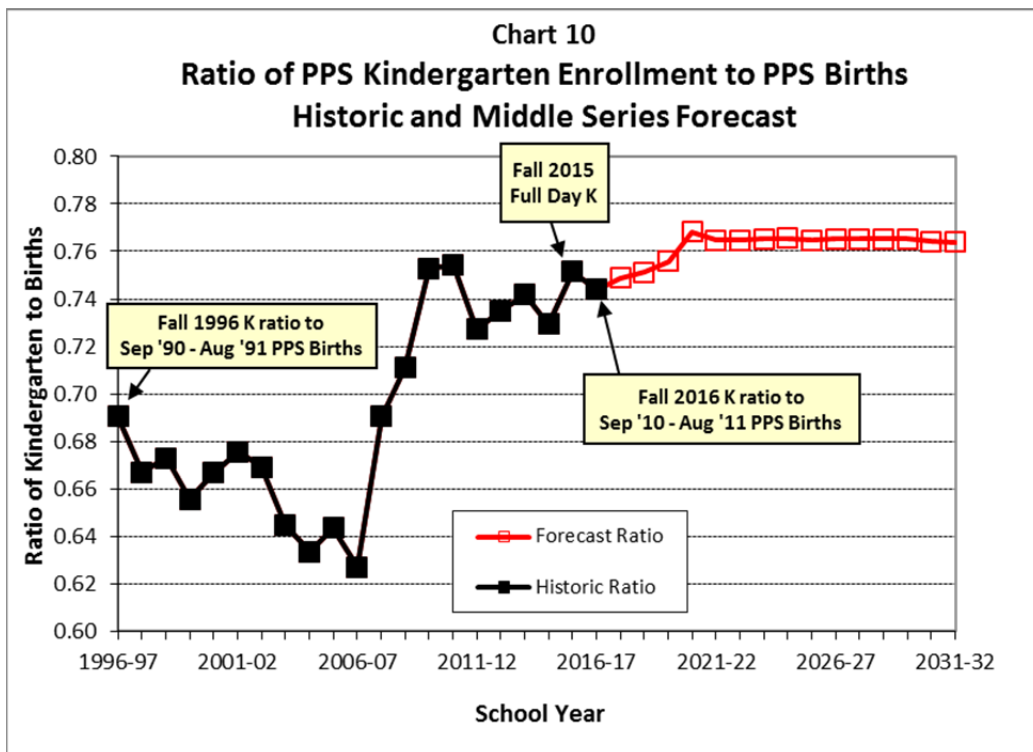
Grade Progression Model for PPS Students Residing Outside of the District.

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.

The number of out-of-district PPS kindergarten students is held constant at the 2016-17 level. 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 10. 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 eight years. This ratio is not explicitly used in the forecast models, but it may provide a helpful context to explain enrollment growth. The ratio increased slightly in 2015-16, when tuition-free full-day kindergarten became standard throughout the District. Future ratios calculated by comparing kindergarten enrollment forecasts and births in the medium forecast scenario are included in the chart.



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 2015, unforeseen shifts in fertility could impact enrollments beginning with the 2021-22 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 11 show the increase from about 9,000 to over 17,000 net migrants.

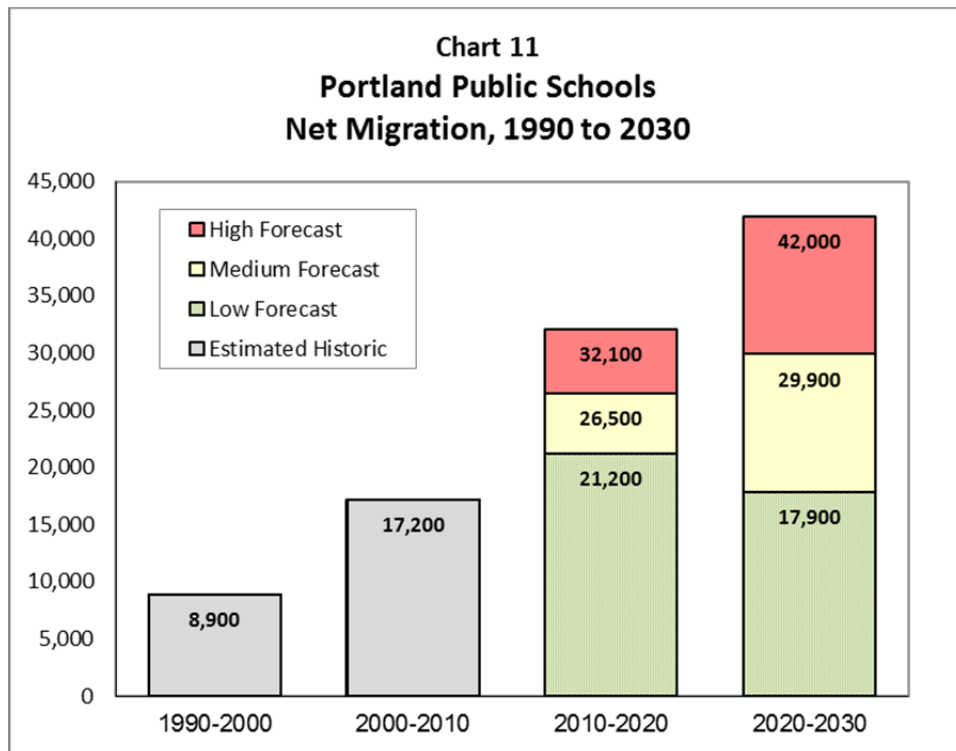
While the overall level of net migration drives growth in total population, assumptions about the age distribution of future migrants are critical drivers of school-age population. The columns in Chart 12 show net migration by age group between 2000 and 2010, with large inflows among cohorts who were 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.

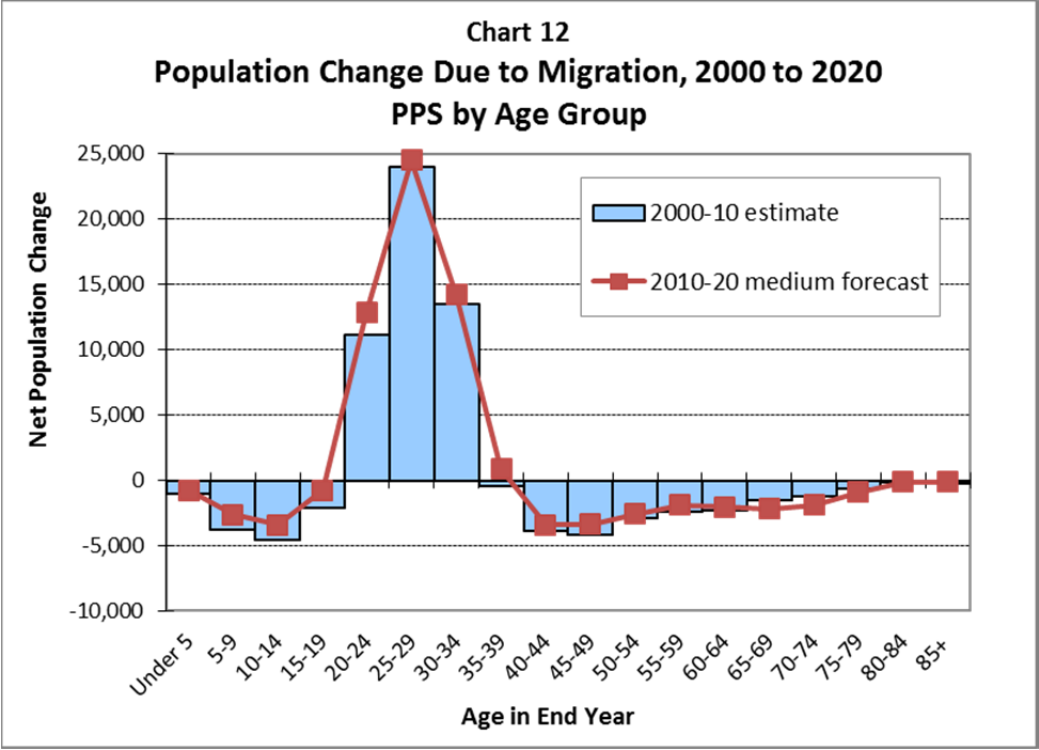
The medium scenario includes future net migration levels even greater than in the 2000 to 2010 decade. Chart 11 shows the increase from about 17,000 estimated in the 2000s to about 26,500 forecast in the 2010s and nearly 30,000 forecast in the 2020s. The age distribution of net migration in the 2010s, depicted by the line in Chart 12, 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 40,200 (nine percent) in the 2010s, but slows to about 39,000 (eight 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 45,000 households within PPS between 2010 and 2030.

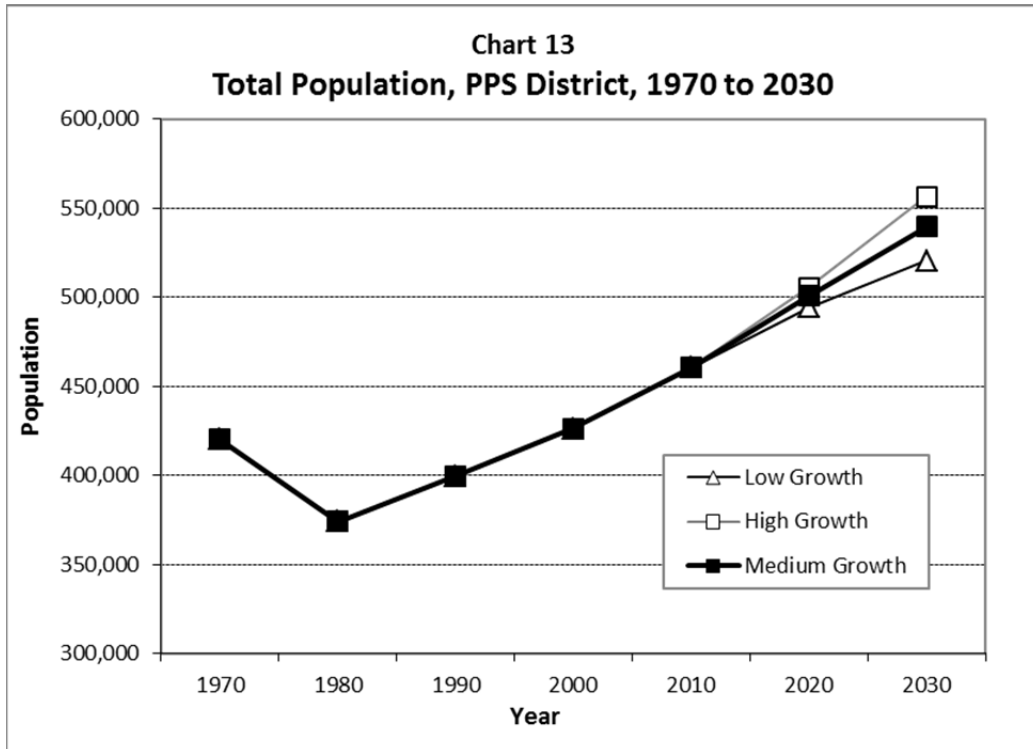
The low scenario includes less growth due to net migration each decade than was observed between 2000 and 2010. With net migration of about 21,000 in the 2010s and 18,000 in the 2020s, overall population growth slows to 34,000 (seven percent) in the 2010s, and 26,000 (five percent) in the 2020s. If future rates of household formation by age group remain at their 2010 levels, the low scenario would be consistent with an increase of about 36,000 households within PPS between 2010 and 2030.

The high scenario includes future positive net migration levels increasing to more than 32,000 between 2010 and 2020, and 42,000 between 2020 and 2030. Overall population growth increases to about 45,000 (10 percent) in the 2010s, and 51,000 (10 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 13. 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 520,000 in the low forecast, 539,500 in the medium forecast, and 556,000 in the high forecast.



In the medium scenario, K-12 enrollment increases by an average of more than 350 students annually over the 15 year forecast horizon, reaching 53,652 in 2031-32. Elementary enrollment declines slightly during the first four 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. The number of K-5th grade students doesn't surpass its fall 2016 level until 2023-24. 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 200 students annually, reaching 51,271 in 2031-32. 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 2016.

In the high scenario, K-12 enrollment growth averages about 500 students annually, reaching 55,890 in 2031-32. Growth is sustained at a level equal to or higher than the most recent five years since 2011-12, although there is less growth in elementary grades and more growth in secondary grades compared with the 2011-12 to 2016-17 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

<i>MEDIUM Growth Scenario</i>					
	Historic		Forecast		
	2011-12	2016-17	2021-22	2026-27	2031-32
Grades K-5	23,346	24,629	24,356	25,578	26,434
<i>5 year change</i>		1,283	-273	1,222	856
Grades 6-8	9,936	10,696	11,582	11,422	12,095
<i>5 year change</i>		760	886	-160	673
Grades 9-12	12,924	12,984	14,573	14,986	15,123
<i>5 year change</i>		60	1,589	413	137
Total K-12	46,206	48,309	50,511	51,986	53,652
<i>5 year change</i>		2,103	2,202	1,475	1,666

<i>LOW Growth Scenario</i>					
	Historic		Forecast		
	2011-12	2016-17	2021-22	2026-27	2031-32
Grades K-5	23,346	24,629	23,827	24,464	25,302
<i>5 year change</i>		1,283	-802	637	838
Grades 6-8	9,936	10,696	11,452	11,085	11,467
<i>5 year change</i>		760	756	-367	382
Grades 9-12	12,924	12,984	14,427	14,700	14,502
<i>5 year change</i>		60	1,443	273	-198
Total K-12	46,206	48,309	49,706	50,249	51,271
<i>5 year change</i>		2,103	1,397	543	1,022

<i>HIGH Growth Scenario</i>					
	Historic		Forecast		
	2011-12	2016-17	2021-22	2026-27	2031-32
Grades K-5	23,346	24,629	24,911	26,256	27,454
<i>5 year change</i>		1,283	282	1,345	1,198
Grades 6-8	9,936	10,696	11,818	11,846	12,560
<i>5 year change</i>		760	1,122	28	714
Grades 9-12	12,924	12,984	14,871	15,537	15,876
<i>5 year change</i>		60	1,887	666	339
Total K-12	46,206	48,309	51,600	53,639	55,890
<i>5 year change</i>		2,103	3,291	2,039	2,251

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.⁶ 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. The Wilson HSCL leads all clusters with 20 percent K-12 resident growth, while the Jefferson and Lincoln HSCLs also grow faster than the District average.

⁶ 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>.

Table 11 presents summaries of the resident forecasts for high school clusters for 2021-22, 2026-27, and 2031-32. 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	2016-17 Actual	2021-22 Forecast	2026-27 Forecast	2031-32 Forecast	'16 to '31 Change		'16 to '31 Average Annual Change	
Cleveland	7,159	7,520	7,725	7,980	821	11%	55	0.7%
Franklin	7,944	8,072	8,151	8,507	563	7%	38	0.5%
Grant ²	5,324	5,422	5,520	5,709	385	7%	26	0.5%
Jefferson	5,447	5,911	6,096	6,293	846	16%	56	1.0%
Lincoln	3,958	4,248	4,377	4,485	527	13%	35	0.8%
Madison ²	5,679	5,787	6,008	6,274	595	10%	40	0.7%
Roosevelt ²	4,854	4,810	4,855	5,019	165	3%	11	0.2%
Wilson	6,636	7,317	7,833	7,952	1,316	20%	88	1.2%
Out of District	1,308	1,424	1,421	1,433	125	10%	8	0.6%
PPS Total	48,309	50,511	51,986	53,652	5,343	11%	356	0.7%

1. For all years, students are counted by 2017-18 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 ESAs 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 ESAs, the resident forecasts for MSAAs are simply the sum of component ESAA forecasts. High school attendance area (HSA) 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 HSAs 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 ESAs, 6th-8th grade for MSAAs, and 9th-12th grade for HSAs. Forecasts are tabulated for each year from 2017-18 to 2031-32, the same horizon as the district-wide forecasts. The history and forecasts in Tables B2 to B6 are tabulated by 2017-18 boundaries.

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.⁷

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

⁷ 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 2017-18 boundaries and grade configurations for all neighborhood schools throughout the 15 year forecast horizon. 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.

[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.

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 18th 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 2016-17. The “base year” indicates the most recent actual enrollment that PRC researchers used when they prepared the forecasts.

Forecasts based on 2006-07 and 2007-08 enrollment 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 2016-17 forecasts done ten years previously. District-wide forecasts prepared over the most recent seven years have been much more accurate, although actual K-12 enrollments in 2016-17 fell about one percent short of each medium scenario forecast prepared since 2012-13.

Forecasts of total K-12 enrollment 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 2016-17 prepared in each of the four previous years. The one year grade level mean absolute percentage error (MAPE) was 1.4 percent, only slightly lower than the earlier forecasts. The largest one year errors were in grades 6, 7, and 10, in which actual enrollments fell short of the forecasts, and grade 11, where actual enrollment exceeded the forecast.

Table 12
District-wide Forecast Accuracy

School Year	Actual Enroll. ¹	K-12 Enrollment Forecasts by Base Year ²									
		'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16
2006-07	45,446										
2007-08	45,083	44,833									
2008-09	45,024	44,200	44,729								
2009-10	45,592	43,613	44,534	45,046							
2010-11	45,741	43,024	44,406	45,092	45,653						
2011-12	46,206	42,693	44,357	45,288	45,993	45,979					
2012-13	46,517	42,508	44,611	45,696	46,588	46,451	46,661				
2013-14	47,127	42,659	44,651	45,886	46,979	46,766	46,901	46,980			
2014-15	47,579	42,693	44,789	46,226	47,420	47,325	47,268	47,544	47,617		
2015-16	48,152	42,762	45,013	46,695	47,943	47,732	47,847	48,265	48,187	48,164	
2016-17	48,309	42,830	45,246	47,191	48,480	48,269	48,266	48,816	48,850	48,790	48,802

School Year	Percentage Error in K-12 Enrollment Forecasts by Base Year ²									
	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16
2007-08	-0.6%									
2008-09	-1.8%	-0.7%								
2009-10	-4.3%	-2.3%	-1.2%							
2010-11	-5.9%	-2.9%	-1.4%	-0.2%						
2011-12	-7.6%	-4.0%	-2.0%	-0.5%	-0.5%					
2012-13	-8.6%	-4.1%	-1.8%	0.2%	-0.1%	0.3%				
2013-14	-9.5%	-5.3%	-2.6%	-0.3%	-0.8%	-0.5%	-0.3%			
2014-15	-10.3%	-5.9%	-2.8%	-0.3%	-0.5%	-0.7%	-0.1%	0.1%		
2015-16	-11.2%	-6.5%	-3.0%	-0.4%	-0.9%	-0.6%	0.2%	0.1%	0.0%	
2016-17	-11.3%	-6.3%	-2.3%	0.4%	-0.1%	-0.1%	1.0%	1.1%	1.0%	1.0%

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 Accuracy by Grade Level, 2016-17 Enrollments

Grade	2016-17 Enroll- ment	2016-17 Enrollment Forecasts by Base Year*							
		2015-16 (1 yr.)		2014-15 (2 yr.)		2013-14 (3 yr.)		2012-13 (4 yr.)	
		Fcst.	Error	Fcst.	Error	Fcst.	Error	Fcst.	Error
K	4,073	4,103	0.7%	4,161	2.2%	4,167	2.3%	4,150	1.9%
1	4,141	4,186	1.1%	4,181	1.0%	4,193	1.3%	4,229	2.1%
2	4,211	4,212	0.0%	4,163	-1.1%	4,192	-0.5%	4,232	0.5%
3	4,160	4,214	1.3%	4,208	1.2%	4,179	0.5%	4,203	1.0%
4	4,128	4,183	1.3%	4,195	1.6%	4,203	1.8%	4,143	0.4%
5	3,916	3,934	0.5%	3,952	0.9%	3,950	0.9%	3,887	-0.7%
6	3,568	3,640	2.0%	3,674	3.0%	3,664	2.7%	3,643	2.1%
7	3,605	3,696	2.5%	3,663	1.6%	3,712	3.0%	3,636	0.9%
8	3,523	3,564	1.2%	3,510	-0.4%	3,591	1.9%	3,556	0.9%
9	3,240	3,297	1.8%	3,270	0.9%	3,370	4.0%	3,382	4.4%
10	3,203	3,273	2.2%	3,240	1.2%	3,289	2.7%	3,336	4.2%
11	3,102	3,025	-2.5%	3,040	-2.0%	3,087	-0.5%	3,108	0.2%
12	3,439	3,475	1.0%	3,533	2.7%	3,253	-5.4%	3,311	-3.7%
Total	48,309	48,802	1.0%	48,790	1.0%	48,850	1.1%	48,816	1.0%
Mean Absolute Pct. Error			1.4%		1.5%		2.1%		1.8%

*Note: Medium Growth Scenarios

APPENDIX A

DISTRICT-WIDE ENROLLMENT FORECASTS

2017-18 to 2031-32

Portland Public Schools, Enrollment Forecasts, 2017-18 to 2031-32

Table A1. Middle Series Forecast, District-wide Enrollment by Grade and Year

Grade	Historic Enrollment			---- Forecast Enrollment ----														
	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	2031-32
K	4,127	4,097	4,073	4,057	4,083	4,128	4,031	4,125	4,221	4,275	4,327	4,373	4,402	4,414	4,427	4,439	4,446	4,447
1	4,302	4,266	4,141	4,128	4,111	4,142	4,184	4,088	4,182	4,279	4,333	4,386	4,432	4,461	4,474	4,486	4,502	4,509
2	4,287	4,256	4,211	4,095	4,081	4,068	4,097	4,139	4,044	4,137	4,232	4,286	4,338	4,384	4,412	4,425	4,443	4,459
3	4,041	4,233	4,160	4,165	4,050	4,040	4,029	4,058	4,099	4,005	4,097	4,191	4,245	4,296	4,342	4,370	4,384	4,402
4	3,864	3,983	4,128	4,110	4,116	4,006	4,000	3,989	4,018	4,058	3,965	4,056	4,149	4,203	4,253	4,299	4,326	4,340
5	3,865	3,772	3,916	4,080	4,062	4,073	3,963	3,957	3,946	3,975	4,014	3,922	4,012	4,104	4,158	4,207	4,250	4,277
6	3,594	3,722	3,568	3,781	3,936	3,926	3,913	3,825	3,821	3,811	3,839	3,877	3,787	3,875	3,964	4,016	4,062	4,104
7	3,428	3,601	3,605	3,541	3,754	3,913	3,897	3,886	3,798	3,793	3,783	3,811	3,849	3,760	3,847	3,935	3,986	4,032
8	3,349	3,424	3,523	3,578	3,516	3,733	3,890	3,871	3,852	3,765	3,768	3,758	3,786	3,823	3,735	3,821	3,909	3,959
9	3,137	3,259	3,240	3,386	3,438	3,382	3,589	3,740	3,722	3,704	3,620	3,623	3,613	3,640	3,676	3,591	3,672	3,756
10	3,090	3,131	3,203	3,255	3,401	3,456	3,402	3,612	3,757	3,736	3,718	3,634	3,646	3,636	3,663	3,699	3,611	3,692
11	2,946	2,981	3,102	3,133	3,184	3,327	3,382	3,331	3,531	3,671	3,650	3,633	3,553	3,564	3,555	3,581	3,612	3,527
12	3,549	3,427	3,439	3,568	3,604	3,667	3,826	3,890	3,826	4,045	4,203	4,192	4,174	4,084	4,098	4,087	4,113	4,148
Total	47,579	48,152	48,309	48,877	49,336	49,861	50,203	50,511	50,817	51,254	51,549	51,742	51,986	52,244	52,604	52,956	53,316	53,652
K-2	12,716	12,619	12,425	12,280	12,275	12,338	12,312	12,352	12,447	12,691	12,892	13,045	13,172	13,259	13,313	13,350	13,391	13,415
3-5	11,770	11,988	12,204	12,355	12,228	12,119	11,992	12,004	12,063	12,038	12,076	12,169	12,406	12,603	12,753	12,876	12,960	13,019
6-8	10,371	10,747	10,696	10,900	11,206	11,572	11,700	11,582	11,471	11,369	11,390	11,446	11,422	11,458	11,546	11,772	11,957	12,095
9-12	12,722	12,798	12,984	13,342	13,627	13,832	14,199	14,573	14,836	15,156	15,191	15,082	14,986	14,924	14,992	14,958	15,008	15,123
K-12	47,579	48,152	48,309	48,877	49,336	49,861	50,203	50,511	50,817	51,254	51,549	51,742	51,986	52,244	52,604	52,956	53,316	53,652

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

July, 2017

Portland Public Schools, Enrollment Forecasts, 2017-18 to 2031-32

Table A2. Low Series Forecast, District-wide Enrollment by Grade and Year

Grade	Historic Enrollment			---- Forecast Enrollment ----														
	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	2031-32
K	4,127	4,097	4,073	4,009	4,024	4,054	3,959	3,992	4,062	4,113	4,156	4,196	4,228	4,247	4,265	4,284	4,294	4,290
1	4,302	4,266	4,141	4,102	4,059	4,078	4,097	4,002	4,035	4,106	4,157	4,200	4,241	4,273	4,292	4,310	4,327	4,337
2	4,287	4,256	4,211	4,075	4,047	4,009	4,028	4,046	3,953	3,985	4,055	4,106	4,148	4,188	4,220	4,239	4,256	4,273
3	4,041	4,233	4,160	4,144	4,022	3,998	3,961	3,980	3,997	3,906	3,937	4,006	4,056	4,098	4,137	4,169	4,188	4,205
4	3,864	3,983	4,128	4,090	4,087	3,970	3,947	3,910	3,929	3,946	3,856	3,886	3,954	4,004	4,045	4,084	4,115	4,134
5	3,865	3,772	3,916	4,060	4,035	4,036	3,920	3,897	3,861	3,880	3,896	3,808	3,837	3,904	3,954	3,994	4,033	4,063
6	3,594	3,722	3,568	3,762	3,909	3,892	3,873	3,779	3,759	3,725	3,743	3,758	3,673	3,701	3,766	3,815	3,853	3,891
7	3,428	3,601	3,605	3,523	3,728	3,879	3,860	3,842	3,749	3,728	3,695	3,713	3,727	3,643	3,671	3,735	3,784	3,821
8	3,349	3,424	3,523	3,561	3,491	3,700	3,852	3,831	3,805	3,713	3,700	3,667	3,685	3,699	3,616	3,644	3,707	3,755
9	3,137	3,259	3,240	3,371	3,417	3,353	3,554	3,700	3,680	3,655	3,567	3,554	3,522	3,539	3,553	3,473	3,500	3,561
10	3,090	3,131	3,203	3,243	3,382	3,432	3,370	3,574	3,713	3,690	3,666	3,578	3,574	3,542	3,559	3,573	3,493	3,520
11	2,946	2,981	3,102	3,120	3,170	3,305	3,355	3,297	3,491	3,624	3,601	3,579	3,495	3,491	3,460	3,476	3,490	3,412
12	3,549	3,427	3,439	3,554	3,586	3,647	3,797	3,856	3,783	3,995	4,145	4,132	4,109	4,014	4,010	3,975	3,993	4,009
Total	47,579	48,152	48,309	48,614	48,957	49,353	49,573	49,706	49,817	50,066	50,174	50,183	50,249	50,343	50,548	50,771	51,033	51,271
K-2	12,716	12,619	12,425	12,186	12,130	12,141	12,084	12,040	12,050	12,204	12,368	12,502	12,617	12,708	12,777	12,833	12,877	12,900
3-5	11,770	11,988	12,204	12,294	12,144	12,004	11,828	11,787	11,787	11,732	11,689	11,700	11,847	12,006	12,136	12,247	12,336	12,402
6-8	10,371	10,747	10,696	10,846	11,128	11,471	11,585	11,452	11,313	11,166	11,138	11,138	11,085	11,043	11,053	11,194	11,344	11,467
9-12	12,722	12,798	12,984	13,288	13,555	13,737	14,076	14,427	14,667	14,964	14,979	14,843	14,700	14,586	14,582	14,497	14,476	14,502
K-12	47,579	48,152	48,309	48,614	48,957	49,353	49,573	49,706	49,817	50,066	50,174	50,183	50,249	50,343	50,548	50,771	51,033	51,271

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

July, 2017

Portland Public Schools, Enrollment Forecasts, 2017-18 to 2031-32

Table A3. High Series Forecast, District-wide Enrollment by Grade and Year

Grade	Historic Enrollment			---- Forecast Enrollment ----														
	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	2031-32
K	4,127	4,097	4,073	4,109	4,144	4,199	4,112	4,214	4,305	4,358	4,409	4,459	4,506	4,534	4,567	4,600	4,629	4,643
1	4,302	4,266	4,141	4,151	4,180	4,210	4,269	4,182	4,280	4,373	4,426	4,477	4,528	4,575	4,603	4,637	4,668	4,698
2	4,287	4,256	4,211	4,114	4,123	4,156	4,174	4,233	4,146	4,244	4,336	4,388	4,439	4,489	4,536	4,564	4,593	4,623
3	4,041	4,233	4,160	4,183	4,087	4,100	4,127	4,145	4,203	4,117	4,214	4,305	4,357	4,407	4,457	4,504	4,530	4,558
4	3,864	3,983	4,128	4,131	4,154	4,062	4,071	4,098	4,116	4,173	4,088	4,184	4,275	4,326	4,376	4,425	4,472	4,498
5	3,865	3,772	3,916	4,100	4,103	4,130	4,030	4,039	4,066	4,084	4,140	4,056	4,151	4,241	4,292	4,342	4,388	4,434
6	3,594	3,722	3,568	3,799	3,975	3,986	3,980	3,901	3,912	3,939	3,956	4,011	3,929	4,021	4,109	4,159	4,205	4,250
7	3,428	3,601	3,605	3,558	3,790	3,971	3,968	3,964	3,885	3,895	3,922	3,939	3,993	3,912	4,003	4,091	4,140	4,186
8	3,349	3,424	3,523	3,596	3,550	3,787	3,959	3,953	3,941	3,862	3,880	3,907	3,924	3,978	3,897	3,988	4,075	4,124
9	3,137	3,259	3,240	3,403	3,472	3,431	3,652	3,817	3,812	3,800	3,724	3,741	3,767	3,784	3,836	3,758	3,843	3,927
10	3,090	3,131	3,203	3,271	3,434	3,507	3,461	3,686	3,845	3,837	3,826	3,749	3,776	3,802	3,819	3,871	3,789	3,874
11	2,946	2,981	3,102	3,148	3,215	3,376	3,441	3,399	3,614	3,767	3,759	3,749	3,675	3,701	3,727	3,743	3,790	3,711
12	3,549	3,427	3,439	3,585	3,639	3,720	3,893	3,969	3,914	4,152	4,325	4,329	4,319	4,236	4,266	4,296	4,310	4,364
Total	47,579	48,152	48,309	49,148	49,866	50,635	51,137	51,600	52,039	52,601	53,005	53,294	53,639	54,006	54,488	54,978	55,432	55,890
K-2	12,716	12,619	12,425	12,374	12,447	12,565	12,555	12,629	12,731	12,975	13,171	13,324	13,473	13,598	13,706	13,801	13,890	13,964
3-5	11,770	11,988	12,204	12,414	12,344	12,292	12,228	12,282	12,385	12,374	12,442	12,545	12,783	12,974	13,125	13,271	13,390	13,490
6-8	10,371	10,747	10,696	10,953	11,315	11,744	11,907	11,818	11,738	11,696	11,758	11,857	11,846	11,911	12,009	12,238	12,420	12,560
9-12	12,722	12,798	12,984	13,407	13,760	14,034	14,447	14,871	15,185	15,556	15,634	15,568	15,537	15,523	15,648	15,668	15,732	15,876
K-12	47,579	48,152	48,309	49,148	49,866	50,635	51,137	51,600	52,039	52,601	53,005	53,294	53,639	54,006	54,488	54,978	55,432	55,890

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

July, 2017

APPENDIX B

ENROLLMENT FORECASTS BY AREA OF RESIDENCE

2017-18 to 2031-32

Enrollment forecasts by area of residence are consistent with the district-wide middle series forecast.

Table B1. Enrollment by High School Cluster Residing¹

Table B2. Grades K-2 Enrollment by Attendance Area Residing²

Table B3. Grades 3-5 Enrollment by Attendance Area Residing²

Table B4. Grades K-5 Enrollment by Attendance Area Residing²

Table B5. Grades 6-8 Enrollment by Attendance Area Residing³

Table B6. Grades 9-12 Enrollment by Attendance Area Residing⁴

1. Based on 2017-18 elementary attendance area boundaries within each cluster.

2. Based on 2017-18 elementary attendance area boundaries.

3. Based on 2017-18 K-8 and middle school attendance area boundaries.

4. Based on 2017-18 high school attendance area boundaries.

Table B1
PPS Residents Forecast by Cluster and Grade Level, 2017-18 to 2031-32

Cluster	2016-17	Forecast															Change 2016-17 to 2031-32	
		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	2031-32	Number	Percent
Cleveland Cluster																		
K-5	3,664	3,652	3,638	3,640	3,637	3,640	3,654	3,681	3,725	3,762	3,819	3,863	3,895	3,922	3,943	3,956	292	8%
6-8	1,628	1,668	1,683	1,718	1,702	1,705	1,708	1,715	1,705	1,705	1,695	1,706	1,720	1,754	1,783	1,805	177	11%
9-12	1,867	1,943	2,028	2,043	2,143	2,175	2,189	2,219	2,210	2,211	2,211	2,210	2,211	2,196	2,195	2,219	352	19%
Total	7,159	7,263	7,349	7,401	7,482	7,520	7,551	7,615	7,640	7,678	7,725	7,779	7,826	7,872	7,921	7,980	821	11%
Franklin Cluster																		
K-5	4,015	3,967	3,919	3,874	3,861	3,868	3,901	3,952	3,998	4,060	4,125	4,184	4,229	4,266	4,296	4,317	302	8%
6-8	1,814	1,827	1,869	1,894	1,897	1,849	1,792	1,768	1,767	1,764	1,772	1,777	1,809	1,849	1,886	1,914	100	6%
9-12	2,115	2,174	2,201	2,271	2,293	2,355	2,399	2,378	2,377	2,321	2,254	2,246	2,234	2,231	2,254	2,276	161	8%
Total	7,944	7,968	7,989	8,039	8,051	8,072	8,092	8,098	8,142	8,145	8,151	8,207	8,272	8,346	8,436	8,507	563	7%
Grant Cluster																		
K-5	2,707	2,717	2,669	2,627	2,571	2,583	2,604	2,630	2,675	2,720	2,779	2,808	2,828	2,844	2,856	2,864	157	6%
6-8	1,265	1,271	1,304	1,313	1,351	1,320	1,286	1,254	1,241	1,236	1,218	1,239	1,268	1,311	1,333	1,349	84	7%
9-12	1,352	1,402	1,410	1,444	1,477	1,519	1,558	1,569	1,575	1,547	1,523	1,480	1,473	1,458	1,464	1,496	144	11%
Total	5,324	5,390	5,383	5,384	5,399	5,422	5,448	5,453	5,491	5,503	5,520	5,527	5,569	5,613	5,653	5,709	385	7%
Jefferson Cluster																		
K-5	2,986	3,018	3,016	3,026	3,004	2,998	3,013	3,026	3,054	3,075	3,132	3,171	3,201	3,221	3,242	3,256	270	9%
6-8	1,165	1,202	1,250	1,309	1,344	1,335	1,306	1,307	1,303	1,320	1,297	1,299	1,297	1,331	1,352	1,371	206	18%
9-12	1,296	1,307	1,346	1,438	1,493	1,578	1,633	1,666	1,698	1,685	1,667	1,660	1,670	1,661	1,651	1,666	370	29%
Total	5,447	5,527	5,612	5,773	5,841	5,911	5,952	5,999	6,055	6,080	6,096	6,130	6,168	6,213	6,245	6,293	846	16%
Lincoln Cluster																		
K-5	1,763	1,762	1,807	1,841	1,817	1,827	1,833	1,850	1,856	1,858	1,879	1,914	1,937	1,955	1,970	1,981	218	12%
6-8	866	902	871	893	913	934	957	922	942	956	968	954	944	953	975	987	121	14%
9-12	1,329	1,411	1,486	1,468	1,502	1,487	1,455	1,528	1,497	1,523	1,530	1,491	1,522	1,523	1,520	1,517	188	14%
Total	3,958	4,075	4,164	4,202	4,232	4,248	4,245	4,300	4,295	4,337	4,377	4,359	4,403	4,431	4,465	4,485	527	13%

Forecast: Population Research Center, Portland State University, July 2017.

Table B1 (continued)
PPS Residents Forecast by Cluster and Grade Level, 2017-18 to 2031-32

Cluster	2016-17	Forecast															Change 2016-17 to 2031-32	
		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	2031-32	Number	Percent
Madison Cluster																		
K-5	2,942	2,931	2,909	2,890	2,882	2,892	2,951	2,992	3,026	3,070	3,128	3,167	3,195	3,211	3,218	3,222	280	10%
6-8	1,266	1,261	1,317	1,378	1,378	1,351	1,298	1,291	1,301	1,341	1,336	1,337	1,356	1,398	1,429	1,448	182	14%
9-12	1,471	1,499	1,502	1,488	1,518	1,544	1,588	1,625	1,633	1,578	1,544	1,555	1,555	1,577	1,593	1,604	133	9%
Total	5,679	5,691	5,728	5,756	5,778	5,787	5,837	5,908	5,960	5,989	6,008	6,059	6,106	6,186	6,240	6,274	595	10%
Roosevelt Cluster																		
K-5	2,552	2,519	2,474	2,416	2,391	2,417	2,433	2,465	2,497	2,535	2,577	2,596	2,607	2,620	2,629	2,635	83	3%
6-8	1,050	1,072	1,097	1,115	1,106	1,065	1,032	1,019	1,025	1,012	1,007	1,026	1,049	1,077	1,085	1,096	46	4%
9-12	1,252	1,223	1,230	1,254	1,292	1,328	1,368	1,355	1,336	1,317	1,271	1,253	1,262	1,252	1,270	1,288	36	3%
Total	4,854	4,814	4,801	4,785	4,789	4,810	4,833	4,839	4,858	4,864	4,855	4,875	4,918	4,949	4,984	5,019	165	3%
Wilson Cluster																		
K-5	3,322	3,391	3,415	3,489	3,520	3,526	3,516	3,528	3,532	3,529	3,534	3,554	3,569	3,582	3,592	3,598	276	8%
6-8	1,434	1,459	1,531	1,642	1,685	1,707	1,784	1,797	1,816	1,822	1,839	1,830	1,813	1,809	1,824	1,835	401	28%
9-12	1,880	1,967	2,009	2,007	2,042	2,084	2,122	2,286	2,340	2,387	2,460	2,495	2,527	2,522	2,523	2,519	639	34%
Total	6,636	6,817	6,955	7,138	7,247	7,317	7,422	7,611	7,688	7,738	7,833	7,879	7,909	7,913	7,939	7,952	1,316	20%
Out of District																		
K-5	678	678	656	654	621	605	605	605	605	605	605	605	605	605	605	605	-73	-11%
6-8	208	238	284	310	324	316	308	296	290	290	290	290	290	290	290	290	82	39%
9-12	422	416	415	419	439	503	524	530	525	513	526	534	538	538	538	538	116	27%
Total	1,308	1,332	1,355	1,383	1,384	1,424	1,437	1,431	1,420	1,408	1,421	1,429	1,433	1,433	1,433	1,433	125	10%
Total	48,309	48,877	49,336	49,861	50,203	50,511	50,817	51,254	51,549	51,742	51,986	52,244	52,604	52,956	53,316	53,652	4,647	10%

*Note: Historical data reflects 2017-18 clusters. Specifically, Bridlemile is now included in the Wilson cluster, and the Roosevelt cluster has expanded to include the portion of the former Chief Joseph Elementary area now assigned to Peninsula Elementary. Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6.

Forecast: Population Research Center, Portland State University, July 2017.

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

(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History			Forecast >														
		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	2031-32
CLE	Abernethy	307	322	310	298	292	297	295	297	299	304	308	310	310	310	310	310	310	311
CLE	Buckman	140	156	146	157	151	153	155	159	162	168	173	178	182	186	189	192	193	193
CLE	Duniway	282	282	282	268	277	273	266	264	265	269	273	277	280	281	281	282	283	284
CLE	Grout	244	266	268	278	276	275	276	278	281	286	290	292	296	298	301	302	304	306
CLE	Lewis	171	172	213	221	223	216	215	217	218	222	225	228	230	231	232	233	234	234
CLE	Llewellyn	226	237	236	244	233	234	235	238	241	247	252	254	255	255	254	254	254	256
CLE	Whitman	210	177	174	170	167	170	168	168	169	172	174	176	178	180	180	180	180	180
CLE	Woodstock	212	209	215	214	214	214	212	214	215	218	222	225	230	234	236	235	237	235
FRA	Arleta	239	211	204	199	200	200	199	198	202	206	209	211	214	216	217	217	216	215
FRA	Atkinson	174	170	164	158	151	152	152	154	158	161	164	166	168	170	171	172	172	172
FRA	Bridger	182	194	201	189	188	186	188	189	192	195	198	200	202	204	205	207	209	211
FRA	Creston	169	181	164	167	166	167	171	173	177	180	184	188	191	194	196	198	198	198
FRA	Glencoe	334	331	316	306	299	300	301	300	304	311	319	324	328	330	333	336	340	341
FRA	Kelly	270	245	241	235	241	244	248	250	255	262	267	270	272	274	275	277	278	279
FRA	Lent	206	194	159	158	169	168	170	171	174	178	182	184	187	189	192	193	194	194
FRA	Marysville	201	195	178	173	171	171	171	171	175	179	183	186	187	188	188	189	190	191
FRA	Sunnyside	172	163	179	175	182	177	178	178	179	182	186	188	190	191	193	194	195	195
FRA	Woodmere	185	182	195	204	196	202	201	201	204	208	211	215	217	220	223	223	223	223
GRA	Alameda	381	394	375	361	356	349	341	346	351	364	371	376	378	380	381	382	383	384
GRA	Beverly Cleary	359	341	327	320	330	319	315	323	333	343	349	353	357	358	359	359	361	363
GRA	Irvington	155	151	146	156	146	146	143	146	150	155	157	158	160	160	161	161	162	162
GRA	Laurelhurst	255	249	230	223	217	225	223	229	235	245	248	251	254	255	256	256	257	257
GRA	Sabin	250	261	266	251	246	249	245	248	249	258	262	266	269	270	271	272	274	273
JEF	Beach	235	234	225	218	219	220	218	220	219	223	227	232	236	238	240	241	243	244
JEF	Boise-Eliot-Humboldt	263	259	247	236	243	265	260	261	260	268	274	279	282	284	286	287	288	289
JEF	Chief Joseph	223	229	204	207	202	206	203	203	203	208	214	218	222	225	227	229	231	233
JEF	Faubion	260	239	223	233	238	233	229	231	232	236	238	240	244	247	249	249	250	250
JEF	King	139	140	133	130	127	136	133	133	134	138	140	141	142	143	143	144	146	147
JEF	Vernon	256	262	278	292	289	281	273	272	270	276	279	282	283	283	282	281	282	283
JEF	Woodlawn	273	248	234	229	231	239	236	231	231	238	242	246	248	249	250	249	248	248

continued on next page

PSU Population Research Center, July 2017

Table B2 (continued). PPS Grades K-2 Enrollment by Attendance Area Residing
(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History			Forecast >														
		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	2031-32
LIN	Ainsworth	214	262	239	240	240	240	241	238	234	238	244	248	253	259	264	266	266	266
LIN	Chapman	344	322	330	314	320	339	352	350	347	350	358	364	371	375	379	382	385	387
LIN	Forest Park	205	206	230	227	239	225	221	216	213	212	217	219	221	221	220	216	215	213
LIN	Skyline	98	94	83	73	72	78	79	78	77	77	78	79	80	82	83	84	85	86
MAD	Harrison Park	375	353	331	331	324	336	340	343	352	365	375	381	384	386	386	385	384	384
MAD	Lee	209	213	203	189	192	208	214	214	215	220	223	226	230	231	232	231	231	231
MAD	Rigler	306	291	308	300	307	305	299	296	303	312	318	321	324	328	332	334	334	333
MAD	Roseway Heights	209	198	171	171	172	186	191	192	193	197	202	206	210	211	211	211	211	211
MAD	Scott	245	240	239	242	238	243	241	241	242	248	252	255	257	258	258	258	258	258
MAD	Vestal	249	233	223	231	240	236	227	225	225	230	235	239	241	241	241	241	244	244
ROO	Astor	199	231	188	188	189	191	191	194	198	203	204	205	206	207	206	207	207	208
ROO	Cesar Chavez	157	156	144	143	144	137	135	136	139	143	144	146	146	147	147	148	146	145
ROO	James John	308	288	268	265	263	263	262	266	273	282	286	289	291	293	293	294	294	295
ROO	Peninsula	226	198	200	196	201	197	196	198	201	206	209	211	211	213	212	213	214	216
ROO	Rosa Parks	245	234	226	223	227	220	219	222	226	232	235	237	241	243	246	246	246	245
ROO	Sitton	273	269	258	243	241	240	239	245	253	261	262	263	265	267	267	268	268	270
WIL	Bridlemile	256	269	286	272	260	264	264	262	260	261	265	267	268	268	269	271	272	274
WIL	Capitol Hill	229	224	249	257	268	264	271	272	273	274	275	280	282	283	282	284	285	286
WIL	Hayhurst	234	254	267	287	286	283	283	277	272	271	273	273	276	278	278	279	281	281
WIL	Maplewood	197	219	255	264	265	262	262	260	259	260	260	262	262	261	261	262	262	262
WIL	Markham	285	271	256	246	253	261	266	265	264	263	261	262	262	261	261	261	262	262
WIL	Rieke	204	214	222	227	234	230	236	235	233	232	234	235	237	238	237	237	238	239
WIL	Stephenson	182	173	185	182	177	180	180	181	175	171	178	180	179	182	184	185	185	185
Grade K-2 residing in PPS		12,422	12,306	12,094	11,981	11,992	12,055	12,029	12,069	12,164	12,408	12,609	12,762	12,889	12,976	13,030	13,067	13,108	13,132
Grade K-2 residing outside PPS		294	313	331	299	283	283	283	283	283	283	283	283	283	283	283	283	283	283
Grade K-2 Totals		12,716	12,619	12,425	12,280	12,275	12,338	12,312	12,352	12,447	12,691	12,892	13,045	13,172	13,259	13,313	13,350	13,391	13,415

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

(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >														
		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	2031-32
CLE	Abernethy	315	305	315	322	324	312	303	297	302	300	304	304	309	314	316	317	317	318
CLE	Buckman	125	135	132	139	151	144	150	144	146	148	152	155	161	166	171	174	178	181
CLE	Duniway	297	290	291	299	294	288	274	283	279	272	270	271	275	279	283	286	288	289
CLE	Grout	273	251	250	237	243	250	260	259	259	260	261	263	267	271	273	279	281	285
CLE	Lewis	144	177	189	196	204	235	244	246	238	237	239	240	244	247	251	255	256	259
CLE	Llewellyn	253	254	257	232	229	225	234	226	226	226	229	233	238	242	244	247	247	247
CLE	Whitman	216	196	187	175	161	151	147	144	147	145	145	146	149	151	153	155	157	157
CLE	Woodstock	178	190	199	202	199	203	203	206	207	207	208	210	215	218	221	221	224	221
FRA	Arleta	167	197	214	220	204	191	189	191	189	187	187	191	195	198	200	202	204	205
FRA	Atkinson	151	176	173	174	170	163	158	151	152	152	153	156	159	162	164	166	168	169
FRA	Bridger	170	179	171	178	183	196	186	185	181	183	185	189	193	197	199	201	203	204
FRA	Creston	172	158	153	143	151	145	149	149	149	151	153	156	159	163	167	169	172	174
FRA	Glencoe	315	336	342	339	325	314	303	298	299	299	297	302	308	315	321	325	327	331
FRA	Kelly	260	259	258	254	244	234	231	237	240	244	245	251	258	261	265	267	269	270
FRA	Lent	187	191	197	186	164	143	145	153	152	154	155	158	162	166	168	171	173	176
FRA	Marysville	166	164	179	181	178	162	158	156	156	156	156	160	164	168	171	172	173	173
FRA	Sunnyside	158	157	147	162	158	173	168	175	170	171	171	173	176	180	182	184	185	187
FRA	Woodmere	224	189	180	166	179	186	195	188	193	193	193	192	195	198	199	203	207	209
GRA	Alameda	367	350	372	391	387	374	361	357	350	342	346	353	364	370	374	377	379	380
GRA	Beverly Cleary	330	352	369	382	357	345	339	350	341	337	344	352	362	369	374	379	380	381
GRA	Irvington	180	178	152	143	140	139	148	139	138	136	139	143	147	149	150	152	152	153
GRA	Laurelhurst	231	244	237	243	237	223	216	209	218	216	223	229	240	242	244	246	247	249
GRA	Sabin	228	263	233	247	253	258	240	236	239	234	236	239	248	255	258	260	261	262
JEF	Beach	192	188	204	212	210	206	202	203	204	202	204	203	206	209	213	217	220	222
JEF	Boise-Eliot-Humboldt	202	217	226	256	252	256	248	249	262	257	258	257	265	272	278	282	284	286
JEF	Chief Joseph	189	183	190	192	189	175	180	176	179	176	177	177	181	186	189	192	195	197
JEF	Faubion	214	225	218	213	208	206	214	218	217	216	218	219	223	224	226	229	232	233
JEF	King	112	133	130	139	137	129	124	123	133	131	131	132	135	137	138	139	140	140
JEF	Vernon	216	233	231	231	244	253	266	261	254	248	247	247	251	254	257	259	259	258
JEF	Woodlawn	235	242	243	230	227	221	218	217	215	209	205	202	214	220	223	223	224	226

continued on next page

PSU Population Research Center, July 2017

Table B3 (continued). PPS Grades 3-5 Enrollment by Attendance Area Residing
(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >														
		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	2031-32
LIN	Ainsworth	233	235	212	223	228	228	226	223	224	223	221	218	222	229	233	239	244	248
LIN	Chapman	302	286	303	336	361	370	353	362	386	401	398	393	394	405	411	417	421	426
LIN	Forest Park	323	289	264	240	235	264	260	276	260	256	248	246	247	251	254	257	258	258
LIN	Skyline	85	84	102	109	112	97	85	84	92	93	92	91	91	92	93	94	96	97
MAD	Harrison Park	320	343	346	339	324	296	294	290	305	309	313	322	334	343	348	350	352	351
MAD	Lee	188	200	201	207	209	200	194	191	200	202	203	204	209	212	215	219	220	220
MAD	Rigler	285	274	285	302	306	305	294	303	304	301	299	305	313	319	322	325	329	332
MAD	Roseway Heights	180	177	190	182	179	162	166	166	178	180	182	183	186	191	195	199	200	199
MAD	Scott	226	232	243	236	230	226	231	225	233	233	233	234	240	244	248	251	252	251
MAD	Vestal	211	201	202	201	188	187	191	206	201	195	191	194	200	203	207	207	203	208
ROO	Astor	172	156	164	171	186	168	168	169	170	170	173	177	181	182	183	184	185	184
ROO	Cesar Chavez	154	172	179	178	156	147	147	147	141	139	140	143	146	147	149	149	150	150
ROO	James John	250	256	247	247	237	230	227	225	226	225	229	235	243	245	247	249	251	251
ROO	Peninsula	181	172	173	177	172	175	172	177	174	174	176	179	183	184	185	185	187	187
ROO	Rosa Parks	247	254	237	237	224	218	215	218	212	211	214	218	223	226	228	232	234	237
ROO	Sitton	265	261	268	251	234	230	220	220	220	219	225	232	241	242	244	245	247	247
WIL	Bridlemile	234	257	271	298	306	313	298	287	288	289	288	286	289	293	294	295	296	297
WIL	Capitol Hill	175	162	191	205	212	231	239	252	250	255	257	258	259	261	265	267	267	266
WIL	Hayhurst	204	218	229	224	232	257	274	276	275	273	267	262	261	263	264	266	268	269
WIL	Maplewood	175	193	196	212	233	264	275	277	276	274	273	271	271	272	274	275	272	272
WIL	Markham	241	242	281	281	262	247	236	245	254	258	258	257	256	255	255	255	253	253
WIL	Rieke	199	209	232	218	217	224	229	237	234	239	238	237	236	238	240	241	241	243
WIL	Stephenson	187	192	202	218	210	209	207	200	203	208	205	199	196	201	205	204	210	209
Grade 3-5 residing in PPS		11,504	11,677	11,857	11,976	11,855	11,748	11,654	11,682	11,741	11,716	11,754	11,847	12,084	12,281	12,431	12,554	12,638	12,697
Grade 3-5 residing outside PPS		266	311	347	379	373	371	338	322	322	322	322	322	322	322	322	322	322	322
Grade 3-5 Totals		11,770	11,988	12,204	12,355	12,228	12,119	11,992	12,004	12,063	12,038	12,076	12,169	12,406	12,603	12,753	12,876	12,960	13,019

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

(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >														
		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	2031-32
CLE	Abernethy	622	627	625	620	616	609	598	594	601	604	612	614	619	624	626	627	627	629
CLE	Buckman	265	291	278	296	302	297	305	303	308	316	325	333	343	352	360	366	371	374
CLE	Duniway	579	572	573	567	571	561	540	547	544	541	543	548	555	560	564	568	571	573
CLE	Grout	517	517	518	515	519	525	536	537	540	546	551	555	563	569	574	581	585	591
CLE	Lewis	315	349	402	417	427	451	459	463	456	459	464	468	474	478	483	488	490	493
CLE	Llewellyn	479	491	493	476	462	459	469	464	467	473	481	487	493	497	498	501	501	503
CLE	Whitman	426	373	361	345	328	321	315	312	316	317	319	322	327	331	333	335	337	337
CLE	Woodstock	390	399	414	416	413	417	415	420	422	425	430	435	445	452	457	456	461	456
FRA	Arleta	406	408	418	419	404	391	388	389	391	393	396	402	409	414	417	419	420	420
FRA	Atkinson	325	346	337	332	321	315	310	305	310	313	317	322	327	332	335	338	340	341
FRA	Bridger	352	373	372	367	371	382	374	374	373	378	383	389	395	401	404	408	412	415
FRA	Creston	341	339	317	310	317	312	320	322	326	331	337	344	350	357	363	367	370	372
FRA	Glencoe	649	667	658	645	624	614	604	598	603	610	616	626	636	645	654	661	667	672
FRA	Kelly	530	504	499	489	485	478	479	487	495	506	512	521	530	535	540	544	547	549
FRA	Lent	393	385	356	344	333	311	315	324	326	332	337	342	349	355	360	364	367	370
FRA	Marysville	367	359	357	354	349	333	329	327	331	335	339	346	351	356	359	361	363	364
FRA	Sunnyside	330	320	326	337	340	350	346	353	349	353	357	361	366	371	375	378	380	382
FRA	Woodmere	409	371	375	370	375	388	396	389	397	401	404	407	412	418	422	426	430	432
GRA	Alameda	748	744	747	752	743	723	702	703	701	706	717	729	742	750	755	759	762	764
GRA	Beverly Cleary	689	693	696	702	687	664	654	673	674	680	693	705	719	727	733	738	741	744
GRA	Irvington	335	329	298	299	286	285	291	285	288	291	296	301	307	309	311	313	314	315
GRA	Laurelhurst	486	493	467	466	454	448	439	438	453	461	471	480	494	497	500	502	504	506
GRA	Sabin	478	524	499	498	499	507	485	484	488	492	498	505	517	525	529	532	535	535
JEF	Beach	427	422	429	430	429	426	420	423	423	425	431	435	442	447	453	458	463	466
JEF	Boise-Eliot-Humboldt	465	476	473	492	495	521	508	510	522	525	532	536	547	556	564	569	572	575
JEF	Chief Joseph	412	412	394	399	391	381	383	379	382	384	391	395	403	411	416	421	426	430
JEF	Faubion	474	464	441	446	446	439	443	449	449	452	456	459	467	471	475	478	482	483
JEF	King	251	273	263	269	264	265	257	256	267	269	271	273	277	280	281	283	286	287
JEF	Vernon	472	495	509	523	533	534	539	533	524	524	526	529	534	537	539	540	541	541
JEF	Woodlawn	508	490	477	459	458	460	454	448	446	447	447	448	462	469	473	472	472	474

continued on next page

PSU Population Research Center, July 2017

Table B4 (continued). PPS Grades K-5 Enrollment by Attendance Area Residing
(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >														
		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	2031-32
LIN	Ainsworth	447	497	451	463	468	468	467	461	458	461	465	466	475	488	497	505	510	514
LIN	Chapman	646	608	633	650	681	709	705	712	733	751	756	757	765	780	790	799	806	813
LIN	Forest Park	528	495	494	467	474	489	481	492	473	468	465	468	472	474	473	473	471	471
LIN	Skyline	183	178	185	182	184	175	164	162	169	170	170	170	171	174	176	178	181	183
MAD	Harrison Park	695	696	677	670	648	632	634	633	657	674	688	703	718	729	734	735	736	735
MAD	Lee	397	413	404	396	401	408	408	405	415	422	426	430	439	443	447	450	451	451
MAD	Rigler	591	565	593	602	613	610	593	599	607	613	617	626	637	647	654	659	663	665
MAD	Roseway Heights	389	375	361	353	351	348	357	358	371	377	384	389	396	402	406	410	411	410
MAD	Scott	471	472	482	478	468	469	472	466	475	481	485	489	497	502	506	509	510	509
MAD	Vestal	460	434	425	432	428	423	418	431	426	425	426	433	441	444	448	448	447	452
ROO	Astor	371	387	352	359	375	359	359	363	368	373	377	382	387	389	389	391	392	392
ROO	Cesar Chavez	311	328	323	321	300	284	282	283	280	282	284	289	292	294	296	297	296	295
ROO	James John	558	544	515	512	500	493	489	491	499	507	515	524	534	538	540	543	545	546
ROO	Peninsula	407	370	373	373	373	372	368	375	375	380	385	390	394	397	397	398	401	403
ROO	Rosa Parks	492	488	463	460	451	438	434	440	438	443	449	455	464	469	474	478	480	482
ROO	Sitton	538	530	526	494	475	470	459	465	473	480	487	495	506	509	511	513	515	517
WIL	Bridlemile	490	526	557	570	566	577	562	549	548	550	553	553	557	561	563	566	568	571
WIL	Capitol Hill	404	386	440	462	480	495	510	524	523	529	532	538	541	544	547	551	552	552
WIL	Hayhurst	438	472	496	511	518	540	557	553	547	544	540	535	537	541	542	545	549	550
WIL	Maplewood	372	412	451	476	498	526	537	537	535	534	533	533	533	533	535	537	534	534
WIL	Markham	526	513	537	527	515	508	502	510	518	521	519	519	518	516	516	516	515	515
WIL	Rieke	403	423	454	445	451	454	465	472	467	471	472	472	473	476	477	478	479	482
WIL	Stephenson	369	365	387	400	387	389	387	381	378	379	383	379	375	383	389	389	395	394
Grade K-5 residing in PPS		23,926	23,983	23,951	23,957	23,847	23,803	23,683	23,751	23,905	24,124	24,363	24,609	24,973	25,257	25,461	25,621	25,746	25,829
Grade K-5 residing outside PPS		560	624	678	678	656	654	621	605	605	605	605	605	605	605	605	605	605	605
Grade K-5 Totals		24,486	24,607	24,629	24,635	24,503	24,457	24,304	24,356	24,510	24,729	24,968	25,214	25,578	25,862	26,066	26,226	26,351	26,434

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

(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades 6-8 Attendance Area	< History			Forecast >														
		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	2031-32
CLE	Hosford Middle 6-8	721	772	783	823	815	840	840	857	845	848	838	848	847	855	863	881	896	906
CLE	Sellwood Middle 6-8	652	677	692	707	731	743	735	731	754	761	764	752	745	748	753	766	778	789
FRA	Arleta K-8	144	140	142	148	177	191	198	184	173	170	171	170	169	169	173	177	179	179
FRA	Bridger K-8	146	142	144	149	156	149	156	160	171	162	161	158	160	161	165	168	171	173
FRA	Creston K-8	127	151	145	134	123	125	118	125	120	124	124	124	125	126	128	131	134	137
FRA	Lane Middle 6-8	592	599	580	554	530	523	501	492	477	482	481	490	490	492	499	510	517	525
FRA	Lent K-8	162	192	166	170	165	176	166	147	127	128	136	135	137	138	141	145	149	151
FRA	Marysville K-8	166	154	152	151	154	165	171	169	152	148	146	146	146	146	150	154	158	161
FRA	Mt. Tabor Middle 6-8	438	460	505	520	559	564	563	541	519	503	488	488	489	489	496	507	519	528
FRA	Sunnyside K-8	115	138	133	139	142	136	151	148	162	157	163	158	159	159	161	164	168	170
GRA	Beaumont Middle 6-8	609	642	641	635	625	651	682	686	675	653	657	652	642	645	656	678	690	695
GRA	Beverly Cleary K-8	300	310	339	345	368	386	398	370	365	358	368	357	355	361	368	379	386	391
GRA	Irvington K-8	161	168	154	141	140	130	122	118	115	125	120	120	118	119	121	124	126	127
GRA	Laurelhurst K-8	209	210	235	233	231	232	237	232	218	211	202	211	210	217	225	236	238	242
GRA	Sabin K-8	180	181	189	203	224	207	220	230	229	214	210	212	205	209	215	221	226	229
JEF	Boise-Eliot-Humboldt K-8*	163	173	183	192	218	227	258	250	247	241	242	253	248	249	248	256	262	267
JEF	Faubion K-8	188	180	185	195	202	208	202	197	197	207	211	210	208	210	210	214	215	217
JEF	King K-8	92	102	98	97	109	116	124	124	117	114	112	122	120	120	120	124	126	126
JEF	Ockley Green Middle 6-8	626	646	668	674	679	713	715	702	681	667	667	666	657	657	661	679	690	700
JEF	Vernon K-8	160	149	185	202	198	204	206	218	223	235	232	226	221	222	220	224	226	229

continued on next page

PSU Population Research Center, July 2017

Table B5 (continued). PPS Grades 6-8 Enrollment by Attendance Area Residing
(students attending all PPS schools tabulated by the 2017-18 attendance area boundary in which they reside)

H.S. Clust.	Grades 6-8 Attendance Area	< History			Forecast >														
		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	2031-32
LIN	Sylvan Middle 6-8	843	883	887	911	893	923	950	979	1,018	995	1,013	1,019	1,030	1,014	1,005	1,013	1,036	1,047
LIN	Skyline K-8	102	102	93	93	90	108	115	117	101	91	89	97	98	98	96	97	98	99
MAD	Harrison Park K-8	339	320	284	269	291	305	297	284	262	263	259	273	274	279	286	299	307	310
MAD	Lee K-8	139	155	146	162	181	185	195	192	180	170	167	176	178	178	179	185	187	191
MAD	Roseway Heights K-8	177	186	179	170	173	191	185	181	163	166	165	178	182	182	183	187	191	195
MAD	Scott K-8	196	191	199	211	227	231	222	220	216	221	217	225	223	224	225	232	237	241
MAD	Vestal K-8	198	199	165	163	161	173	171	158	161	164	177	173	167	162	166	168	174	176
ROO	Astor K-8	140	122	126	129	123	140	146	157	142	143	144	145	145	148	152	156	156	158
ROO	Cesar Chavez K-8	126	140	147	143	153	159	156	138	132	132	133	128	126	126	128	131	131	132
ROO	George Middle 6-8	607	623	623	642	665	657	643	614	599	587	587	582	579	593	607	624	631	638
WIL	Gray Middle 6-8	595	619	556	586	611	644	636	650	692	701	704	700	706	701	693	690	698	704
WIL	Jackson Middle 6-8	738	799	764	771	808	860	897	895	930	932	952	962	973	971	963	962	967	972
Grade 6-8 residing in PPS		10,151	10,525	10,488	10,662	10,922	11,262	11,376	11,266	11,163	11,073	11,100	11,156	11,132	11,168	11,256	11,482	11,667	11,805
Grade 6-8 residing outside PPS		220	222	208	238	284	310	324	316	308	296	290	290	290	290	290	290	290	290
Grade 6-8 Totals		10,371	10,747	10,696	10,900	11,206	11,572	11,700	11,582	11,471	11,369	11,390	11,446	11,422	11,458	11,546	11,772	11,957	12,095

PSU Population Research Center, July 2017

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

(students attending all PPS schools tabulated by the 2017-18 high school attendance area boundary in which they reside)

Grades 9-12 Attendance Area	< History			Forecast >														
	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	2031-32
Cleveland	1,782	1,834	1,867	1,943	2,028	2,043	2,143	2,175	2,189	2,219	2,210	2,211	2,211	2,210	2,211	2,196	2,195	2,219
Franklin	2,060	2,052	2,115	2,174	2,201	2,271	2,293	2,355	2,399	2,378	2,377	2,321	2,254	2,246	2,234	2,231	2,254	2,276
Grant total	1,744	1,709	1,707	1,758	1,774	1,829	1,867	1,954	2,016	2,063	2,097	2,040	2,034	1,977	1,965	1,968	1,968	2,007
<i>Grant</i>	1,353	1,356	1,352	1,402	1,410	1,444	1,477	1,519	1,558	1,569	1,575	1,547	1,523	1,480	1,473	1,458	1,464	1,496
<i>Jefferson-Grant*</i>	391	353	355	356	364	385	390	435	458	494	522	493	511	497	492	510	504	511
Jefferson total	1,576	1,502	1,468	1,485	1,529	1,625	1,682	1,769	1,825	1,860	1,889	1,882	1,863	1,850	1,865	1,854	1,846	1,864
<i>Jefferson-Grant*</i>	391	353	355	356	364	385	390	435	458	494	522	493	511	497	492	510	504	511
<i>Jefferson-Madison*</i>	329	308	299	287	292	315	344	379	395	389	408	423	423	441	450	434	429	432
<i>Jefferson-Roosevelt*</i>	856	841	814	842	873	925	948	955	972	977	959	966	929	912	923	910	913	921
Lincoln	1,372	1,488	1,476	1,596	1,678	1,657	1,701	1,679	1,662	1,764	1,763	1,807	1,820	1,789	1,820	1,817	1,812	1,809
Madison total	1,858	1,822	1,770	1,786	1,794	1,803	1,862	1,923	1,983	2,014	2,041	2,001	1,967	1,996	2,005	2,011	2,022	2,036
<i>Madison</i>	1,529	1,514	1,471	1,499	1,502	1,488	1,518	1,544	1,588	1,625	1,633	1,578	1,544	1,555	1,555	1,577	1,593	1,604
<i>Jefferson-Madison*</i>	329	308	299	287	292	315	344	379	395	389	408	423	423	441	450	434	429	432
Roosevelt total	1,959	1,939	1,894	1,887	1,920	1,992	2,051	2,092	2,148	2,138	2,104	2,086	2,004	1,975	1,990	1,969	1,988	2,011
<i>Roosevelt</i>	1,103	1,098	1,080	1,045	1,047	1,067	1,103	1,137	1,176	1,161	1,145	1,120	1,075	1,063	1,067	1,059	1,075	1,090
<i>Jefferson-Roosevelt*</i>	856	841	814	842	873	925	948	955	972	977	959	966	929	912	923	910	913	921
Wilson	1,571	1,612	1,733	1,782	1,817	1,818	1,843	1,892	1,915	2,050	2,074	2,103	2,170	2,197	2,229	2,228	2,231	2,227
Grade 9-12 residing in PPS	12,346	12,456	12,562	12,926	13,212	13,413	13,760	14,070	14,312	14,626	14,666	14,569	14,460	14,390	14,454	14,420	14,470	14,585
Grade 9-12 residing outside PPS	376	342	422	416	415	419	439	503	524	530	525	513	526	534	538	538	538	538
Grade 9-12 Totals	12,722	12,798	12,984	13,342	13,627	13,832	14,199	14,573	14,836	15,156	15,191	15,082	14,986	14,924	14,992	14,958	15,008	15,123

*Note: Dual Assignment Zone.

PSU Population Research Center, July 2017

APPENDIX C

ENROLLMENT FORECASTS BY SCHOOL

2017-18 to 2031-32

School forecasts are consistent with the district-wide middle series forecast.

Table C1. Grades K-2 Enrollment by School

Table C2. Grades 3-5 Enrollment by School

Table C3. Grades 6-8 Enrollment by School

Table C4. Grades 9-12 Enrollment by School

Table C5. Total K-12 Enrollment by School

Table C1. Grades K-2 Enrollment by School

School	< History			Forecast >														
	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	2031-32
Abernethy	254	274	266	269	255	254	253	255	257	263	269	273	274	274	274	274	274	274
Ainsworth	290	307	317	313	323	314	312	310	307	310	316	320	325	329	333	335	335	335
Alameda	375	368	365	355	352	343	335	340	345	357	362	367	370	372	373	374	375	375
Arleta	179	164	159	158	165	163	162	162	165	168	171	173	173	172	169	169	168	167
Astor	185	206	165	171	174	171	171	173	178	185	191	192	192	192	192	193	193	193
Atkinson	215	214	208	214	211	212	212	213	216	220	223	225	227	229	230	231	231	231
Beach	243	261	253	246	236	236	234	236	236	239	241	243	246	247	249	250	252	253
Beverly Cleary	314	307	284	279	292	280	276	283	292	302	306	309	312	313	314	314	316	317
Boise-Eliot-Humboldt	230	225	196	184	187	198	200	206	207	211	215	218	220	221	222	222	223	224
Bridger	197	210	230	226	224	223	222	223	225	227	229	232	235	237	237	238	240	242
Bridlemile	231	257	265	247	231	238	240	240	236	237	239	240	241	242	244	245	246	248
Buckman	216	237	222	245	249	251	244	239	241	246	252	257	261	265	269	272	273	273
Capitol Hill	260	237	237	235	237	241	247	248	249	248	251	254	256	257	257	258	260	260
Cesar Chavez	187	196	188	192	191	185	179	179	181	184	185	187	187	188	188	184	177	171
Chapman	341	329	297	269	275	291	297	295	294	295	302	305	311	315	318	320	322	324
Chief Joseph	249	231	202	180	167	160	165	167	167	170	175	177	180	182	183	185	186	187
Creston	130	152	136	132	122	127	130	131	134	135	138	141	144	147	148	149	149	149
Duniway	260	251	268	264	280	268	260	258	259	263	268	271	272	270	270	271	272	273
Faubion	215	179	184	182	194	192	189	192	195	198	200	198	198	197	199	199	200	200
Forest Park	187	192	213	211	228	219	215	211	207	208	211	213	215	215	214	211	210	209
Glencoe	256	238	230	219	209	215	218	218	220	230	240	246	247	248	252	254	257	258
Grout	206	217	202	206	204	210	209	210	212	218	223	223	222	221	224	225	227	228
Harrison Park	256	229	218	220	222	229	231	234	239	247	253	257	259	261	261	260	259	259
Hayhurst	147	159	190	219	225	225	224	222	219	218	219	221	221	223	222	223	224	223
Hayhurst-Odyssey	75	76	74	79	75	76	78	78	78	78	78	78	78	78	78	78	78	78
Irvington	147	154	151	164	153	151	148	152	159	167	172	173	174	174	174	174	174	174
James John	247	218	198	195	201	202	202	205	209	215	219	222	224	225	225	226	226	227
Kelly	345	317	299	271	257	240	245	247	251	257	260	263	265	268	269	271	273	275
King	173	181	169	180	196	200	200	201	202	204	205	206	207	208	208	208	209	209
Laurelhurst	237	239	217	207	205	215	215	221	226	234	236	238	241	242	243	243	244	244
Lee	174	168	157	154	163	176	183	183	184	187	190	193	196	196	196	195	195	195

continued on next page

PSU Population Research Center, July 2017

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

School	< History			Forecast >														
	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	2031-32
Lent	208	190	165	162	176	175	177	178	181	184	187	189	193	196	199	200	201	201
Lewis	185	190	209	211	205	196	194	196	196	201	204	208	209	210	211	212	213	213
Llewellyn	224	239	238	247	232	229	229	233	236	242	248	258	266	274	273	272	272	274
Maplewood	170	179	205	210	202	196	195	194	193	193	194	194	194	194	194	195	195	195
Markham	217	206	217	214	224	224	228	228	226	224	224	224	224	224	224	224	224	224
Marysville	162	155	129	122	117	126	129	129	132	134	137	144	149	154	154	155	156	156
Peninsula	154	145	141	148	163	178	177	178	180	184	186	187	187	187	187	187	188	189
Rieke	193	197	199	204	212	207	212	213	211	210	213	215	215	215	214	213	214	216
Rigler	263	235	255	243	246	245	241	240	243	250	254	256	258	260	263	264	264	263
Rosa Parks	172	149	136	128	130	135	140	148	151	155	156	158	160	162	163	163	163	163
Roseway Heights	241	261	214	209	208	221	226	225	226	229	233	236	239	240	240	240	240	240
Sabin	236	235	228	205	196	199	196	198	202	206	209	213	215	216	217	218	219	219
Scott	215	198	198	200	198	198	195	194	195	199	202	204	206	207	207	207	207	207
Sitton	203	206	216	215	220	218	217	216	217	214	214	215	217	219	219	220	220	221
Skyline	108	103	90	79	79	85	87	86	86	86	87	87	87	88	89	91	92	93
Stephenson	147	160	176	176	173	180	182	179	177	177	179	181	180	182	185	186	185	185
Sunnyside Environm.	184	183	192	186	198	192	193	193	194	196	199	201	203	204	205	205	205	205
Vernon	178	181	200	216	207	202	198	197	195	199	202	204	204	204	204	204	204	204
Vestal	140	153	150	157	164	156	146	145	145	147	149	153	156	160	161	161	161	160
Whitman	154	125	120	125	119	125	125	125	125	131	136	141	142	143	143	143	143	143
Woodlawn	196	173	167	154	154	165	168	167	166	170	174	176	176	176	176	176	176	176
Woodmere	161	152	154	159	158	161	163	164	166	168	171	170	169	168	170	171	171	170
Woodstock	259	262	275	283	291	290	287	287	288	294	301	308	313	315	316	315	315	315
ACCESS	26	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Creative Science	160	150	148	150	150	152	152	152	152	152	152	152	152	152	152	152	152	152
Metro. Learning Ctr	76	76	74	73	74	74	74	74	74	74	74	74	74	74	74	74	74	74
Richmond	335	332	335	333	332	332	332	332	332	332	332	332	332	332	332	332	332	332
Winterhaven	76	78	76	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Other Schools & Programs ¹	652	688	734	684	643	671	652	648	667	718	735	749	778	794	805	818	836	849
TOTAL K-2	12,716	12,619	12,425	12,280	12,275	12,338	12,312	12,352	12,447	12,691	12,892	13,045	13,172	13,259	13,313	13,350	13,391	13,415

PSU Population Research Center, July 2017

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 >														
	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	2031-32
Abernethy	257	239	253	253	268	255	258	246	245	244	246	248	253	258	261	261	261	261
Ainsworth	292	293	288	321	313	337	343	361	349	346	345	342	345	351	355	360	365	371
Alameda	385	362	382	397	391	383	373	370	362	354	359	364	376	380	385	388	390	391
Arleta	145	163	173	171	160	152	154	162	160	161	163	168	171	174	176	174	171	167
Astor	155	144	153	153	156	138	142	145	142	144	147	153	159	163	163	163	163	163
Atkinson	213	221	224	221	223	216	219	216	217	218	221	225	228	231	233	235	237	239
Beach	229	221	211	218	225	222	217	208	208	207	208	209	210	212	214	217	218	220
Beverly Cleary	288	299	315	323	295	284	278	292	283	279	286	292	302	306	309	312	313	314
Boise-Eliot-Humboldt	171	171	186	193	176	166	160	163	171	174	179	180	184	188	191	193	194	195
Bridger	137	151	155	178	185	204	201	198	196	194	195	197	199	201	203	205	207	207
Bridlemile	211	223	246	269	278	276	257	241	249	252	251	247	247	250	251	253	255	257
Buckman	228	244	237	233	237	242	258	263	261	254	249	251	256	261	265	269	273	276
Capitol Hill	200	200	211	218	227	231	231	232	236	241	242	243	242	243	245	247	248	248
Cesar Chavez	140	167	194	217	210	203	202	202	198	193	193	195	198	199	201	201	202	202
Chapman	333	314	287	285	296	292	274	279	292	298	296	295	295	301	304	310	314	317
Chief Joseph ¹	243	218	204	183	177	170	152	144	137	141	143	143	146	151	153	155	156	156
Creston	130	132	115	107	124	115	112	104	108	112	113	116	117	118	120	122	125	126
Duniway	245	243	251	267	268	283	273	287	274	266	264	265	269	274	277	279	278	278
Faubion	158	167	158	180	170	179	175	189	188	185	188	191	194	196	194	194	193	194
Forest Park	299	257	242	220	219	244	241	258	248	244	239	236	237	240	242	244	244	243
Glencoe	247	262	262	261	240	233	223	214	220	223	223	226	235	244	249	251	252	256
Grout	183	159	182	187	188	173	179	176	182	181	182	184	190	194	193	192	192	194
Harrison Park	227	259	250	231	209	200	202	203	210	211	213	217	225	230	233	235	237	237
Hayhurst	109	118	150	152	168	192	220	227	227	231	233	230	229	230	232	232	234	232
Hayhurst-Odyssey	76	75	76	79	85	84	81	76	77	79	79	79	79	79	79	79	79	79
Irvington	183	185	161	142	146	153	167	154	152	150	153	161	170	177	178	179	179	179
James John	198	211	207	200	182	173	173	180	181	181	184	188	193	195	196	198	199	198
Kelly	286	293	305	299	289	278	250	233	219	223	225	229	234	236	238	240	242	243
King	107	132	137	153	154	151	155	168	173	173	174	175	177	178	179	180	181	181
Laurelhurst	230	240	232	235	230	216	208	207	217	217	223	228	236	238	240	243	244	245
Lee	155	167	178	178	168	163	166	170	177	178	178	179	182	185	188	191	191	191

continued on next page

PSU Population Research Center, July 2017

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

School	< History			Forecast >														
	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	2031-32
Lent	189	194	188	178	163	152	151	160	159	160	161	164	167	170	172	176	179	182
Lewis	197	192	203	208	207	221	220	214	205	203	205	205	210	213	217	218	219	220
Llewellyn	294	292	279	253	245	246	249	235	238	239	242	245	251	257	271	283	294	293
Maplewood	159	180	179	176	187	211	218	211	205	206	207	206	206	207	207	207	207	207
Markham	169	171	201	221	211	215	213	224	223	227	228	226	223	223	223	223	223	223
Marysville	118	117	117	122	134	112	107	101	108	111	111	114	116	119	124	128	133	133
Peninsula	124	123	125	136	137	134	140	153	167	166	167	169	173	175	176	176	176	176
Rieke	195	205	211	197	198	203	204	212	208	213	213	212	212	214	215	215	218	219
Rigler	217	216	217	233	239	243	230	233	233	230	229	232	239	243	244	245	247	250
Rosa Parks	169	180	162	169	148	131	121	125	132	138	147	151	155	156	158	160	162	163
Roseway Heights	211	209	224	220	228	214	208	204	213	218	220	224	226	228	231	234	235	235
Sabin	186	231	206	226	224	223	198	190	193	191	193	195	199	202	206	208	209	210
Scott	146	163	185	192	188	182	183	181	181	178	177	178	182	185	187	189	190	190
Sitton	196	184	185	184	191	205	202	205	209	214	209	204	197	197	198	200	202	202
Skyline	104	95	112	114	116	103	91	90	97	99	98	98	98	99	99	99	101	103
Stephenson	161	162	164	180	182	192	190	187	194	196	193	191	193	195	196	196	199	202
Sunnyside Environm.	194	199	197	209	196	205	197	209	203	204	204	205	207	210	212	214	215	216
Vernon	139	162	167	170	180	194	209	197	193	189	188	186	190	193	195	195	195	195
Vestal	124	124	128	134	131	132	138	143	133	124	125	126	128	129	134	139	144	145
Whitman	162	146	141	127	119	114	118	114	118	120	122	122	128	132	136	137	138	138
Woodlawn	150	161	157	167	158	157	149	150	152	151	150	149	153	156	157	157	157	157
Woodmere	177	160	149	136	135	135	142	140	142	145	147	149	151	153	151	150	149	151
Woodstock	228	234	252	260	260	269	278	287	288	287	287	288	294	300	306	309	310	311
ACCESS	136	164	163	161	159	159	159	159	159	159	159	159	159	159	159	159	159	159
Creative Science	170	177	172	168	164	159	159	159	161	161	161	161	161	161	161	161	161	161
Metro. Learning Ctr	76	76	78	78	76	75	74	75	75	75	75	75	75	75	75	75	75	75
Richmond	299	297	314	311	310	311	309	308	308	308	308	308	308	308	308	308	308	308
Winterhaven	86	86	86	84	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Other Schools & Programs ²	534	558	617	617	598	527	504	483	520	485	469	484	540	574	601	626	631	648
TOTAL 3-5	11,770	11,988	12,204	12,355	12,228	12,119	11,992	12,004	12,063	12,038	12,076	12,169	12,406	12,603	12,753	12,876	12,960	13,019

PSU Population Research Center, July 2017

1. Enrollment in 2014-15 and 2015-16 for Chief Joseph/Ockley Green K-8; for 2016-17 includes 5th grade enrolled at Ockley Green.

Table C3. Grades 6-8 Enrollment by School

School	< History			Forecast >														
	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	2031-32
Arlita K-8	130	129	125	121	135	148	145	137	131	133	139	137	138	140	145	148	150	151
Astor K-8	157	143	137	131	125	134	133	127	116	119	122	122	124	126	132	138	143	143
Beach K-8 ¹	135	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beverly Cleary K-8	232	253	285	301	316	330	336	305	296	291	306	294	290	297	303	313	317	320
Boise-Eliot-Humboldt K-8	119	125	131	135	158	170	176	163	158	155	160	168	171	175	177	179	181	183
Bridger K-8	81	115	115	115	125	126	147	153	168	164	162	161	161	162	164	165	165	167
Cesar Chavez K-8	124	159	169	166	192	222	246	238	229	229	230	225	220	220	222	225	226	228
Chief Joseph/Ock. Gr. K-8 ¹	135	155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Creston K-8	90	108	105	113	107	105	95	111	103	102	97	101	106	107	111	111	111	113
Faubion K-8	118	113	139	145	152	151	171	160	173	169	182	180	178	181	184	186	187	185
Harrison Park K-8	259	241	208	212	230	231	208	193	189	190	188	193	194	195	198	204	209	212
Hayhurst-Odyssey	77	71	62	71	66	62	63	68	66	64	60	61	62	62	62	62	62	62
Irvington K-8	155	154	134	134	127	118	98	105	107	115	105	103	101	104	112	120	126	127
King K-8	70	67	61	57	64	76	85	84	84	87	92	96	96	97	97	98	98	99
Laurelhurst K-8	204	212	235	234	228	229	234	228	214	207	206	215	214	220	225	233	235	237
Lee K-8	102	121	112	118	137	149	153	141	130	128	132	137	137	138	139	141	144	147
Lent K-8	163	180	170	174	171	171	161	146	136	135	143	142	143	144	147	150	153	155
Marysville K-8	125	118	112	108	104	114	121	132	111	107	100	106	107	107	111	114	117	123
Peninsula K-8 ¹	118	106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Roseway Heights K-8	216	227	205	217	208	233	232	239	223	213	209	220	227	229	231	232	234	237
Sabin K-8	92	102	90	116	140	142	153	151	147	131	125	127	126	127	128	130	131	133
Scott K-8	120	112	129	134	150	164	177	172	162	164	161	161	159	158	159	162	166	168
Skyline K-8	97	102	98	104	99	116	120	119	104	92	92	99	101	100	100	100	101	101
Sunnyside Env. K-8	208	192	213	221	234	218	228	216	222	212	223	217	218	218	219	221	224	226
Vernon K-8	69	64	104	110	122	125	125	134	143	155	142	140	136	135	134	138	140	141
Vestal K-8	135	135	103	98	93	110	115	111	116	121	120	112	104	105	107	108	108	114
Woodlawn K-8 ¹	79	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

continued on next page

PSU Population Research Center, July 2017

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

School	< History			Forecast >														
	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	2031-32
Beaumont MS	554	571	569	569	563	566	576	582	582	569	571	566	558	560	569	586	596	600
Sylvan MS	958	966	911	887	846	875	900	928	960	940	958	964	974	960	950	958	981	993
George MS	359	369	360	393	410	407	398	380	372	366	366	363	361	369	377	385	388	392
Gray MS	527	566	546	560	591	611	607	614	650	655	657	653	651	645	635	633	634	638
Hosford MS	591	640	631	634	607	629	626	638	631	635	629	634	633	638	644	655	664	671
Jackson MS	548	606	597	637	703	755	789	793	820	823	837	845	855	854	847	845	850	854
Lane MS	471	481	443	447	433	440	426	425	419	414	404	397	398	399	404	411	414	419
Ockley Green MS	--	--	546	594	581	580	568	561	545	539	538	537	530	531	531	545	554	563
Mt. Tabor MS	662	694	730	746	770	778	777	760	744	732	719	717	716	716	722	730	740	747
Sellwood MS	545	560	583	603	624	623	603	602	618	623	624	616	609	612	617	627	638	647
ACCESS	143	157	165	168	165	163	161	159	159	159	159	159	159	159	159	159	159	159
Creative Science	114	149	172	176	176	175	171	171	170	170	170	172	172	172	172	172	172	172
da Vinci	465	458	461	463	466	466	466	466	466	466	466	466	466	466	466	466	466	466
Metro. Learning Ctr.	154	154	152	149	146	146	146	146	146	146	146	146	146	146	146	146	146	146
Winterhaven	184	186	191	191	188	187	188	191	191	191	191	191	191	191	191	191	191	191
Other Schools & Programs ²	486	464	397	348	454	527	576	533	470	458	459	503	490	493	509	585	636	665
TOTAL 6-8	10,371	10,747	10,696	10,900	11,206	11,572	11,700	11,582	11,471	11,369	11,390	11,446	11,422	11,458	11,546	11,772	11,957	12,095

PSU Population Research Center, July 2017

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 >														
	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	2031-32
Benson	879	914	994	1,056	1,097	1,109	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112
Cleveland	1,516	1,600	1,609	1,664	1,707	1,732	1,786	1,813	1,827	1,845	1,841	1,847	1,848	1,845	1,846	1,837	1,840	1,860
Franklin	1,552	1,570	1,612	1,677	1,694	1,740	1,745	1,789	1,823	1,811	1,807	1,768	1,726	1,723	1,716	1,713	1,728	1,748
Grant	1,503	1,481	1,476	1,478	1,474	1,523	1,579	1,679	1,730	1,752	1,749	1,709	1,692	1,671	1,684	1,681	1,694	1,722
Jefferson	493	524	590	633	719	762	782	818	834	853	857	838	832	823	826	824	826	832
Lincoln	1,583	1,696	1,703	1,722	1,741	1,683	1,699	1,662	1,645	1,729	1,726	1,766	1,773	1,752	1,777	1,777	1,772	1,768
Madison	1,077	1,134	1,070	1,108	1,083	1,081	1,119	1,144	1,177	1,196	1,201	1,173	1,162	1,173	1,175	1,173	1,176	1,185
Roosevelt	947	940	881	897	930	988	1,059	1,082	1,113	1,107	1,088	1,072	1,039	1,029	1,032	1,024	1,036	1,051
Wilson	1,257	1,324	1,413	1,480	1,550	1,550	1,593	1,653	1,691	1,805	1,835	1,868	1,924	1,951	1,982	1,983	1,984	1,978
Metro. Learning Ctr. ¹	130	120	123	127	132	136	130	128	127	127	127	127	127	127	127	127	127	127
Other Schools & Programs ²	1,785	1,495	1,513	1,500	1,500	1,528	1,595	1,693	1,757	1,819	1,848	1,802	1,751	1,718	1,715	1,707	1,713	1,740
TOTAL 9-12	12,722	12,798	12,984	13,342	13,627	13,832	14,199	14,573	14,836	15,156	15,191	15,082	14,986	14,924	14,992	14,958	15,008	15,123

PSU Population Research Center, July 2017

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 K-12 Enrollment by School

School	< History			Forecast >														
	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	2031-32
Abernethy ES	511	513	519	522	523	509	511	501	502	507	515	521	527	532	535	535	535	535
Ainsworth ES	582	600	605	634	636	651	655	671	656	656	661	662	670	680	688	695	700	706
Alameda ES	760	730	747	752	743	726	708	710	707	711	721	731	746	752	758	762	765	766
Arleta K-8	454	456	457	450	460	463	461	461	456	462	473	478	482	486	490	491	489	485
Astor K-8	497	493	455	455	455	443	446	445	436	448	460	467	475	481	487	494	499	499
Atkinson ES	428	435	432	435	434	428	431	429	433	438	444	450	455	460	463	466	468	470
Beach ES ¹	607	631	464	464	461	458	451	444	444	446	449	452	456	459	463	467	470	473
Beverly Cleary K-8	834	859	884	903	903	894	890	880	871	872	898	895	904	916	926	939	946	951
Boise-Eliot-Humboldt K-8	520	521	513	512	521	534	536	532	536	540	554	566	575	584	590	594	598	602
Bridger K-8	415	476	500	519	534	553	570	574	589	585	586	590	595	600	604	608	612	616
Bridlemile ES	442	480	511	516	509	514	497	481	485	489	490	487	488	492	495	498	501	505
Buckman ES	444	481	459	478	486	493	502	502	502	500	501	508	517	526	534	541	546	549
Capitol Hill ES	460	437	448	453	464	472	478	480	485	489	493	497	498	500	502	505	508	508
Cesar Chavez K-8	451	522	551	575	593	610	627	619	608	606	608	607	605	607	611	610	605	601
Chapman ES	674	643	584	554	571	583	571	574	586	593	598	600	606	616	622	630	636	641
Chief Joseph ES ²	627	604	326	363	344	330	317	311	304	311	318	320	326	333	336	340	342	343
Creston K-8	350	392	356	352	353	347	337	346	345	349	348	358	367	372	379	382	385	388
Duniway ES	505	494	519	531	548	551	533	545	533	529	532	536	541	544	547	550	550	551
Faubion K-8	491	459	481	507	516	522	535	541	556	552	570	569	570	574	577	579	580	579
Forest Park ES	486	449	455	431	447	463	456	469	455	452	450	449	452	455	456	455	454	452
Glencoe ES	503	500	492	480	449	448	441	432	440	453	463	472	482	492	501	505	509	514
Grout ES	389	376	384	393	392	383	388	386	394	399	405	407	412	415	417	417	419	422
Harrison Park K-8	742	729	676	663	661	660	641	630	638	648	654	667	678	686	692	699	705	708
Hayhurst ES	256	277	340	371	393	417	444	449	446	449	452	451	450	453	454	455	458	455
Hayhurst-Odyssey K-8	228	222	212	229	226	222	222	222	221	221	217	218	219	219	219	219	219	219
Irvington K-8	485	493	446	440	426	422	413	411	418	432	430	437	445	455	464	473	479	480
James John ES	445	429	405	395	383	375	375	385	390	396	403	410	417	420	421	424	425	425
Kelly ES	631	610	604	570	546	518	495	480	470	480	485	492	499	504	507	511	515	518
King K-8	350	380	367	390	414	427	440	453	459	464	471	477	480	483	484	486	488	489
Laurelhurst K-8	671	691	684	676	663	660	657	656	657	658	665	681	691	700	708	719	723	726

continued on next page

PSU Population Research Center, July 2017

Table C5 (continued). Total K-12 Enrollment by School

School	< History			Forecast >														
	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	2031-32
Lee K-8	431	456	447	450	468	488	502	494	491	493	500	509	515	519	523	527	530	533
Lent K-8	560	564	523	514	510	498	489	484	476	479	491	495	503	510	518	526	533	538
Lewis ES	382	382	412	419	412	417	414	410	401	404	409	413	419	423	428	430	432	433
Llewellyn ES	518	531	517	500	477	475	478	468	474	481	490	503	517	531	544	555	566	567
Maplewood ES	329	359	384	386	389	407	413	405	398	399	401	400	400	401	401	402	402	402
Markham ES	386	377	418	435	435	439	441	452	449	451	452	450	447	447	447	447	447	447
Marysville K-8	405	390	358	352	355	352	357	362	351	352	348	364	372	380	389	397	406	412
Peninsula ES ¹	396	374	266	284	300	312	317	331	347	350	353	356	360	362	363	363	364	365
Rieke ES	388	402	410	401	410	410	416	425	419	423	426	427	427	429	429	428	432	435
Rigler ES	480	451	472	476	485	488	471	473	476	480	483	488	497	503	507	509	511	513
Rosa Parks ES	341	329	298	297	278	266	261	273	283	293	303	309	315	318	321	323	325	326
Roseway Heights K-8	668	697	643	646	644	668	666	668	662	660	662	680	692	697	702	706	709	712
Sabin K-8	514	568	524	547	560	564	547	539	542	528	527	535	540	545	551	556	559	562
Scott K-8	481	473	512	526	536	544	555	547	538	541	540	543	547	550	553	558	563	565
Sitton ES	399	390	401	399	411	423	419	421	426	428	423	419	414	416	417	420	422	423
Skyline K-8	309	300	300	297	294	304	298	295	287	277	277	284	286	287	288	290	294	297
Stephenson ES	308	322	340	356	355	372	372	366	371	373	372	372	373	377	381	382	384	387
Sunnyside Environm. K-8	586	574	602	616	628	615	618	618	619	612	626	623	628	632	636	640	644	647
Vernon K-8	386	407	471	496	509	521	532	528	531	543	532	530	530	532	533	537	539	540
Vestal K-8	399	412	381	389	388	398	399	399	394	392	394	391	388	394	402	408	413	419
Whitman ES	316	271	261	252	238	239	243	239	243	251	258	263	270	275	279	280	281	281
Woodlawn ES ¹	425	407	324	321	312	322	317	317	318	321	324	325	329	332	333	333	333	333
Woodmere ES	338	312	303	295	293	296	305	304	308	313	318	319	320	321	321	321	320	321
Woodstock ES	487	496	527	543	551	559	565	574	576	581	588	596	607	615	622	624	625	626

continued on next page

PSU Population Research Center, July 2017

Table C5 (continued). Total K-12 Enrollment by School

School	< History >			Forecast >														
	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	2031-32
Beaumont MS	554	571	569	569	563	566	576	582	582	569	571	566	558	560	569	586	596	600
Sylvan MS	958	966	911	887	846	875	900	928	960	940	958	964	974	960	950	958	981	993
George MS	359	369	360	393	410	407	398	380	372	366	366	363	361	369	377	385	388	392
Gray MS	527	566	546	560	591	611	607	614	650	655	657	653	651	645	635	633	634	638
Hosford MS	591	640	631	634	607	629	626	638	631	635	629	634	633	638	644	655	664	671
Jackson MS	548	606	597	637	703	755	789	793	820	823	837	845	855	854	847	845	850	854
Lane MS	471	481	443	447	433	440	426	425	419	414	404	397	398	399	404	411	414	419
Mt. Tabor MS	662	694	730	746	770	778	777	760	744	732	719	717	716	716	722	730	740	747
Ockley Green MS ³	--	--	626	594	581	580	568	561	545	539	538	537	530	531	531	545	554	563
Sellwood MS	545	560	583	603	624	623	603	602	618	623	624	616	609	612	617	627	638	647
Benson HS	879	914	994	1,056	1,097	1,109	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112
Cleveland HS	1,516	1,600	1,609	1,664	1,707	1,732	1,786	1,813	1,827	1,845	1,841	1,847	1,848	1,845	1,846	1,837	1,840	1,860
Franklin HS	1,552	1,570	1,612	1,677	1,694	1,740	1,745	1,789	1,823	1,811	1,807	1,768	1,726	1,723	1,716	1,713	1,728	1,748
Grant HS	1,503	1,481	1,476	1,478	1,474	1,523	1,579	1,679	1,730	1,752	1,749	1,709	1,692	1,671	1,684	1,681	1,694	1,722
Jefferson HS	493	524	590	633	719	762	782	818	834	853	857	838	832	823	826	824	826	832
Lincoln HS	1,583	1,696	1,703	1,722	1,741	1,683	1,699	1,662	1,645	1,729	1,726	1,766	1,773	1,752	1,777	1,777	1,772	1,768
Madison HS	1,077	1,134	1,070	1,108	1,083	1,081	1,119	1,144	1,177	1,196	1,201	1,173	1,162	1,173	1,175	1,173	1,176	1,185
Roosevelt HS	947	940	881	897	930	988	1,059	1,082	1,113	1,107	1,088	1,072	1,039	1,029	1,032	1,024	1,036	1,051
Wilson HS	1,257	1,324	1,413	1,480	1,550	1,550	1,593	1,653	1,691	1,805	1,835	1,868	1,924	1,951	1,982	1,983	1,984	1,978
ACCESS	305	346	352	353	348	346	344	342	342	342	342	342	342	342	342	342	342	342
Creative Science K-8	444	476	492	494	490	486	482	482	483	483	483	485	485	485	485	485	485	485
da Vinci MS	465	458	461	463	466	466	466	466	466	466	466	466	466	466	466	466	466	466
Metro. Learning Ctr. K-12	436	426	427	427	428	431	424	423	422	422	422	422	422	422	422	422	422	422
Richmond ES	634	629	649	644	642	643	641	640	640	640	640	640	640	640	640	640	640	640
Winterhaven K-8	346	350	353	352	352	351	352	355	355	355	355	355	355	355	355	355	355	355
Other Schools & Programs ⁴	3,457	3,205	3,261	3,149	3,195	3,253	3,327	3,357	3,414	3,480	3,511	3,538	3,559	3,579	3,630	3,736	3,816	3,902
TOTAL K-12	47,579	48,152	48,309	48,877	49,336	49,861	50,203	50,511	50,817	51,254	51,549	51,742	51,986	52,244	52,604	52,956	53,316	53,652

PSU Population Research Center, July 2017

1. Formerly a K-8 school; grades K-5 beginning in 2016-17.
2. Includes grades K-8 at Chief Joseph/Ockley Green in 2014-15 and 2015-16; grades K-4 in 2016-17 and grades K-5 beginning in 2017-18.
3. Includes 5th grade from Chief Joseph attendance area in 2016-17; grades 6-8 beginning in 2017-18.
4. Includes Focus/Alternative Programs not reported individually, and all Community-Based Programs, Special Services, and Public Charter Programs.

APPENDIX D

POPULATION, HOUSING, SOCIAL AND ECONOMIC PROFILE

PORTLAND PUBLIC SCHOOLS DISTRICT

Population, Housing, Social and Economic Profile

Portland School District 1J, Oregon

	2006-2010			2011-2015			Compare
	Estimate	CV *	Margin of Error (+/-)	Estimate	CV *	Margin of Error (+/-)	Statistically Different?
POPULATION							
Total population	449,014	●	2,492	483,724	●	2,391	**
Percent under 18 years	17.6%	●	0.3%	17.0%	●	0.2%	**
Percent 65 years and over	10.0%	●	0.2%	10.9%	●	0.1%	**
Median age (years)	36.3	●	0.3	36.9	●	0.3	**
Percent white alone, non-Latino	75.7%	●	0.5%	75.2%	●	0.3%	
HOUSING							
Total housing units	216,405	●	1,050	223,348	●	904	**
Occupied housing units	201,844	●	1,449	210,293	●	1,177	**
Owner occupied	111,081	●	1,474	112,126	●	1,265	
Percent owner-occupied	55.0%	●	0.6%	53.3%	●	0.6%	**
Renter occupied	90,763	●	1,491	98,167	●	1,391	**
Vacant housing units***	14,561	●	969	13,055	●	931	**
Vacancy rate	6.7%	●	0.5%	5.8%	●	0.4%	**
Average household size	2.16	●	0.01	2.24	●	0.01	**
Renter households paying more than 30 percent of household income on rent plus utilities	51.1%	●	1.4%	50.8%	●	1.3%	
SOCIAL							
Age 25+ with a bachelor's degree or higher	47.3%	●	0.7%	52.6%	●	0.6%	**
Foreign-born population	49,389	●	1,800	53,004	●	1,913	**
Percent foreign-born	11.0%	●	0.4%	11.0%	●	0.4%	
Age 5+ language other than English at home	64,606	●	2,203	70,023	●	2,436	**
Percent language other than English	15.2%	●	0.5%	15.3%	●	0.5%	
ECONOMIC							
Median household income (2015 dollars)	\$55,395	●	\$924	\$59,172	●	\$1,113	**
Per capita income (2015 dollars)	\$35,536	●	\$524	\$37,068	●	\$547	**
Percent of persons below poverty level	15.2%	●	0.6%	16.1%	●	0.5%	**

* *Green, yellow, and red* icons indicate the reliability of each estimate using the coefficient of variation (CV). The lower the CV, the more reliable the data. *High reliability* (CV <15%) is shown in green, *medium reliability* (CV between 15-30% - be careful) is shown in yellow, and *low reliability* (CV >30% - use with extreme caution) is shown in red. However, there are no absolute rules for acceptable thresholds of reliability. Users should consider the margin of error and the need for precision.

** Indicates that the two estimates are statistically different at the 90 percent confidence level based on results of z-test taking into account the difference between the two estimates as well as an approximation of the standard errors of both estimates.

*** Vacant units include those for sale or rent, those sold or rented but not yet occupied, those held for seasonal, recreational, or occasional use, as well as other vacant such as homes under renovation, settlement of an estate, or foreclosures.

Source: U.S. Census Bureau, American Community Survey 5 year estimates. Surveys are collected over a 60 month period. Estimates represent average characteristics over the entire period. Tabulated by Population Research Center, Portland State University, with additional calculations from source data as needed.