PORTLAND PUBLIC SCHOOLS
ENROLLMENT FORECASTS
2021-22 to 2035-36

Based on October 2019 and
October 2020 Enrollments

JUNE 2021

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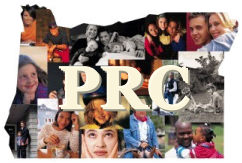
Portland State UNIVERSITY
Population Research Center



JUNE 2021

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EXECUTIVE SUMMARY

This report presents the results of a demographic study conducted by the Portland State University Population Research Center (PRC) for Portland Public Schools (PPS). The study includes analysis of population, housing, and enrollment trends affecting the District in recent years, and annual enrollment forecasts for the District overall, for students residing in each of its high school clusters (HSCLs), for students residing in each school attendance area, and for students enrolled at each school. Enrollment forecasts were prepared under high, middle, and low scenarios for the District. Forecasts for HSCLs, attendance areas, and for individual schools are consistent with the district-wide middle series forecast.

Population and Housing Trends

- Between 2000 and 2010, population within PPS grew from 426,110 persons to 460,248. District population has grown even faster this decade, reaching about 508,700 by 2019.[1]

- 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. Since 2010 PPS births have fallen precipitously; the number of births fell by 26 percent from its 2008 peak to 2019.

- In the five-year period between 2016 and 2020 the City of Portland issued building permits for more than 25,000 housing units within the District.

- New affordable housing projects within PPS scheduled for occupancy between 2021 and 2023 include about 600 family-size units of two or more bedrooms.

[1] The Census Bureau's Small Area Income and Poverty Estimates include a 2019 population estimate of 508,693 for Portland Public Schools. Retrieved at https://www.census.gov/programs-surveys/saipe.html.

Enrollment Trends

- In fall 2020, Portland Public Schools (PPS) enrolled 46,937 students in grades K-12, a decrease of 1,716 students from fall 2019. Nearly all of the K-12 enrollment decline seen in fall 2020 was attributable to choices that families made in response to distance learning during the COVID-19 pandemic.

- Growth had been slowing already; after 10 consecutive years of growth from fall 2008 to fall 2018, the District had seen a small net loss of 55 students between fall 2018 and fall 2019.

- The greatest impact of COVID-19 was seen in PPS kindergartens, which likely would have enrolled about 3,800 students, but instead enrolled 3,245 students, 629 fewer compared with fall 2019. This 16 percent drop was similar to kindergarten declines in nearby districts and to the State of Oregon overall.

- Elementary (grades K-5) enrollment peaked in fall 2016 and saw net losses of 0.6 percent, 2.2 percent, and 1.6 percent in successive years. Another decline of one to two percent was expected between fall 2019 and fall 2020; actual decline was 7.3 percent due to the net loss of 1,725 students.

- In contrast to the elementary losses, district-wide enrollment in secondary grades had experienced steady growth through fall 2019, beginning in 2010-11 for middle grades and 2014-15 for high school grades.

- The pandemic caused a reversal of the trend for middle grades, as they had a net loss of 115 students (1.0 percent) between fall 2019 and fall 2020. In spite of the shift to remote learning, enrollment in high school grades continued to increase, by 124 students (0.9 percent) in fall 2020 compared with fall 2019.

- All HSCLs had fewer K-5 residents in the pandemic year 2020-21 than in 2015-16, with the exception of Jefferson/McDaniel, which had a net increase of eight percent.

- Despite the pandemic, all HSCLs except Lincoln had more 9th-12th grade PPS residents in 2020-21 than in 2015-16.

Enrollment Forecasts

For the district-wide forecast, three scenarios of population and enrollment changes were developed: a most-likely, or middle, scenario; a scenario for lower growth; and a higher growth scenario. All three of the 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.

District-wide Middle Series Forecasts

- In the middle series, 2021-22 K-12 enrollment rebounds to 48,649 in 2021-22, gaining more than 1,700 students from the 2020-21 pandemic year.

- Enrollment falls for several years after 2021-22, reaching a low of 45,518 in 2029-30. By the end of the 15-year forecast in 2035-36, enrollment is 46,869 — nearly 1,800 students below its pre-pandemic 2019-20 level.

- The 2021-22 K-5 forecast of 22,944 is a decline of over 600 students from 2019-20, and net losses in elementary grades continue for several more years. K-5 enrollment reaches a low of 20,928 in 2027-28. K-5 enrollments begin to grow in 2028-29, ending the 15-year forecast period with 23,843 students in 2035-36, a few hundred students more than their pre-pandemic 2019-20 level.

- Enrollment of 11,118 6th-8th grade students in 2021-22 is just 14 less than in 2019-20. After 2021-22, smaller cohorts resulting from the birth downturn enter middle school, driving enrollment down to a low of 9,370 in 2031-32. Growth in the last few years of the forecast results in a 2035-36 forecast of 10,206, about 900 students below the pre-pandemic 2019-20 level.

- The 2021-22 forecast of 14,587 in 9th-12th grade represents a more than 600 student gain from 2019-20. Growth continues for a few more years, reaching a peak of 15,168 in 2024-25, before steadily declining throughout the remainder of the forecast horizon. High school grades enrollment of 12,820 in 2035-36 is more than 1,100 smaller than in pre-pandemic 2019-20.

District-wide Low Series Forecasts

- In the low series, K-12 enrollment rebounds to 48,300 in 2021-22, falling 353 students short of the 2019-20 total.

- Over the 10-year period following 2021-22, PPS K-12 enrollment suffers a net loss of over 4,000 students, reaching a low of 44,195 in 2031-32. Modest growth during the last few years of the forecast results in a 2035-36 forecast of 44,850.

- Elementary enrollment in 2021-22 of 22,734 is more than 800 students below 2019-20 enrollment. Net loss of over 2,300 K-5 students in six years following 2021-22 results in a low of 20,417 in 2027-28. Growth occurs throughout the remainder of the forecast period, and elementary grades enroll 22,862 in 2035-36, about 700 students below the pre-pandemic 2019-20 total.

- Middle grades never rebound to their 2019-20 enrollment level in the 15-year horizon of the low series forecast. After reaching a low of 9,056 in 2031-32, growth in the last four years results in a 2035-36 forecast of 9,707 students in grades 6-8, about 1,400 fewer than in 2019-20.

- High school enrollments continue their recent growth streak until reaching a peak of 15,011 in 2024-25 before steadily declining throughout the remainder of the forecast period, ending with 9th-12th grade enrollment of 12,281 in 2035-36, about 1,700 fewer students than in 2019-20.

District-wide High Series Forecasts

- K-12 enrollment of 48,951 in 2021-22 surpasses the 2019-20 pre-pandemic total by about 500 students.

- As in the low and middle series, enrollment falls after 2021-22, though the losses aren't as steep. The low of 46,752 in 2029-30 is about 1,900 students fewer than in 2019-20. A strong enrollment rebound in the final years of the forecast period results in enrollment of 48,993 in 2035-36, 340 students greater than in 2019-20.

- Elementary enrollment of 23,090 in 2021-22 remains nearly 500 students below its 2019-20 level. Losses of an additional 1,700 K-5 students occur over the six-year period from 2021-22 to 2027-28, followed by growth that results in a forecast of 24,800 students in 2035-36, 1,239 greater than in 2019-20.

- Middle grades enrollment of 11,164 in 2021-22 exceeds 2019-20 by about 30 students. However, the number of 6th-8th grade students remains below its 2021-22 level for the remainder of the forecast period. After a low enrollment of 9,683 in 2031-32, four years of growth result in a 2035-26 forecast of 10,590, more than 500 students fewer than the 2019-20 pre-pandemic total.

- Enrollment in high school grades peaks at 15,414 in 2024-25 in the high series forecast, but declines steadily thereafter, reaching 13,603 in 2035-36, about 350 students fewer than in 2019-20.

Figure 1 shows recent and forecast enrollments by five-year intervals. Figure 2 depicts annual K-12 enrollment since 2010-11 and forecasts through 2035-36. The same time span is depicted in charts in Figures 3 to 5 for K-5th grade, 6th-8th grade, and 9th-12th grade.

Appendix A contains annual district-wide enrollment forecasts by individual grade for each of the three scenarios. Appendix B contains forecasts of residents by HSCL and school attendance area, 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 middle scenario.

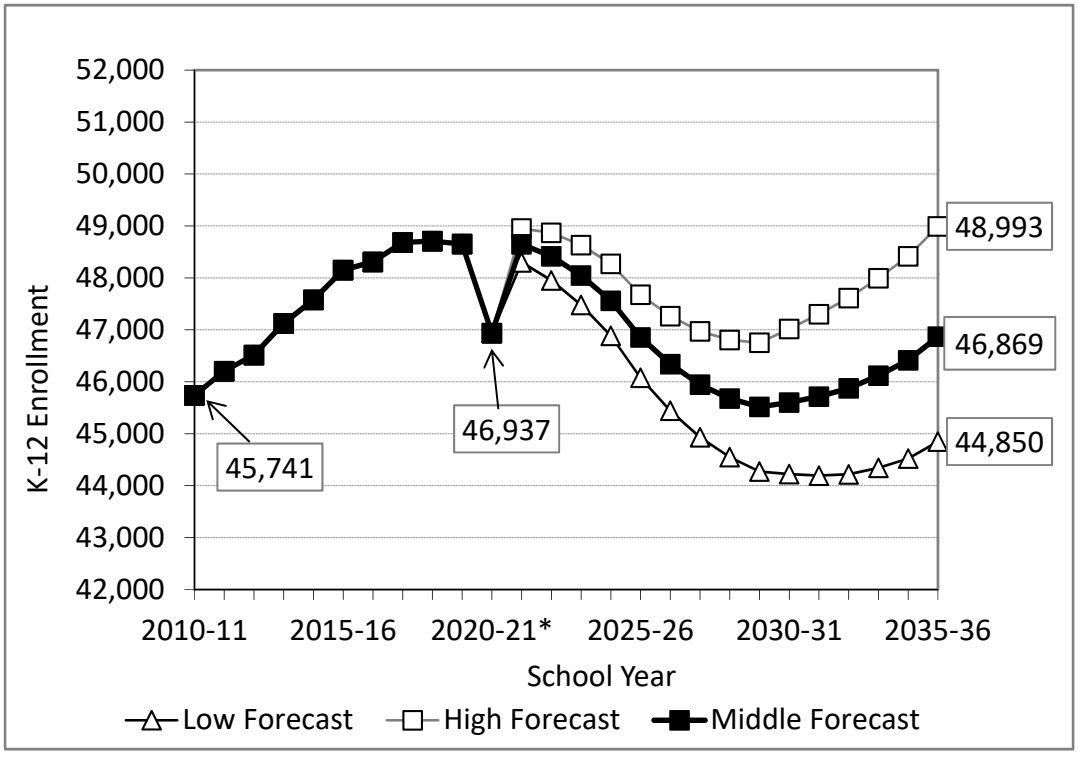
Figure 1 PPS District-Wide K-12 Enrollment Forecasts

Forecast	Historic 2015-16	Historic 2020-21*	Forecast 2025-26	Forecast 2030-31	Forecast 2035-36
Middle Series	48,152	46,937	46,856	45,603	46,869
5 year change	N/a	-1,215	-81	-1,253	1,266
Low Series	48,152	46,937	46,078	44,224	44,850
5 year change	N/a	-1,215	-859	-1,854	626
High Series	48,152	46,937	47,677	47,019	48,993
5 year change	N/a	-1,215	740	-658	1,974

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

*Enrollment impacted by distance learning during COVID-19 pandemic.

Figure 2 District-Wide K-12 Enrollment Forecasts



*Enrollment impacted by distance learning during COVID-19 pandemic.

Figure 3 District-Wide Grade K-5 Enrollment Forecasts

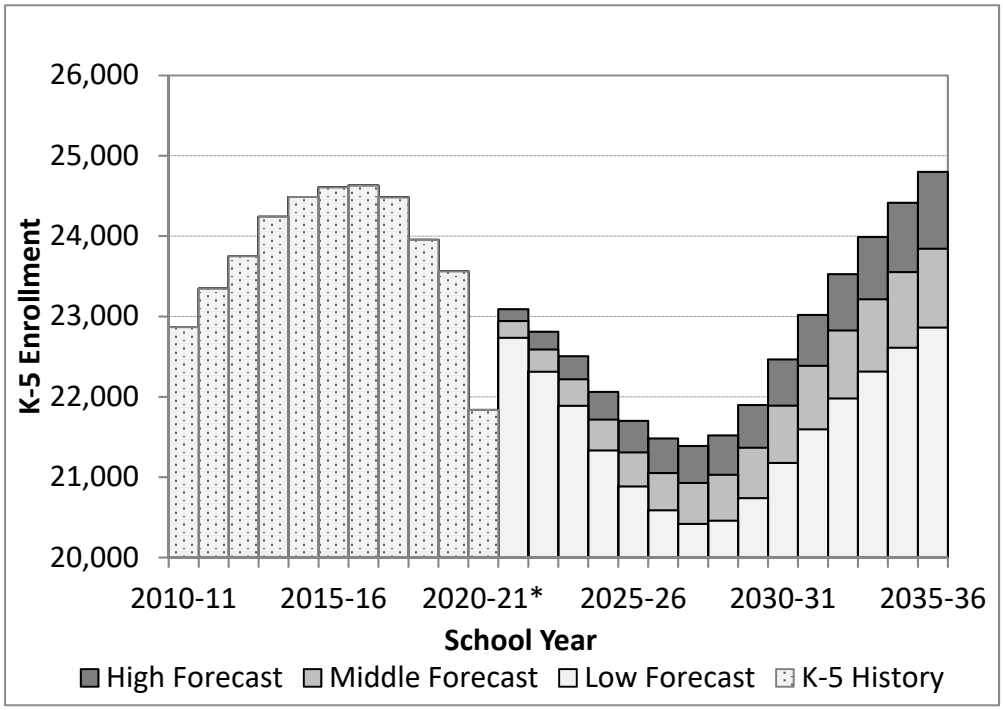
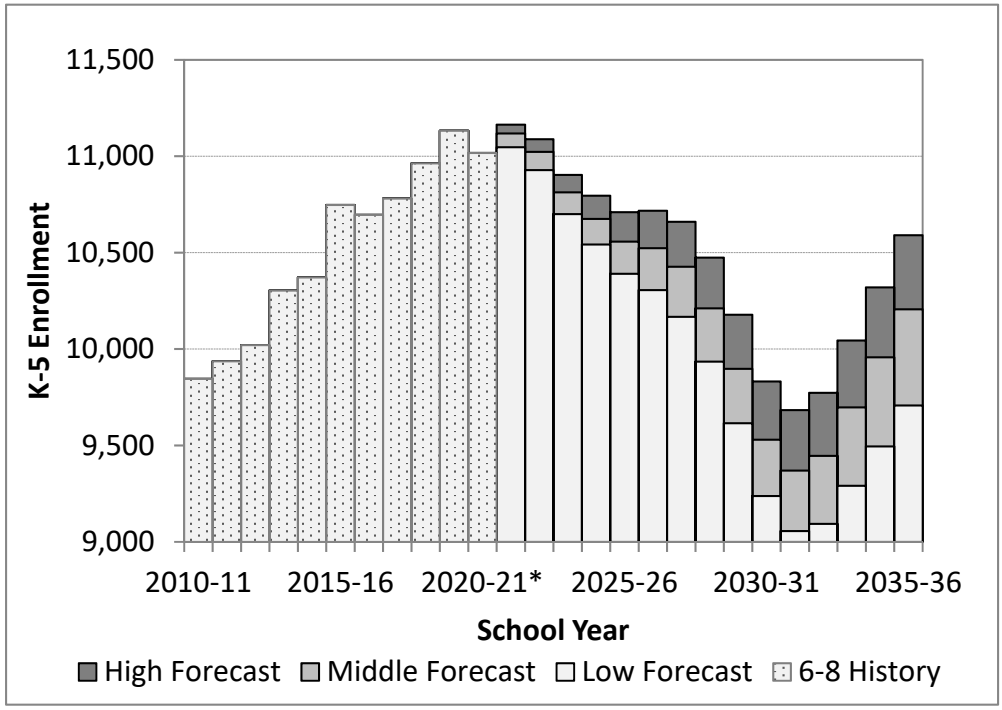
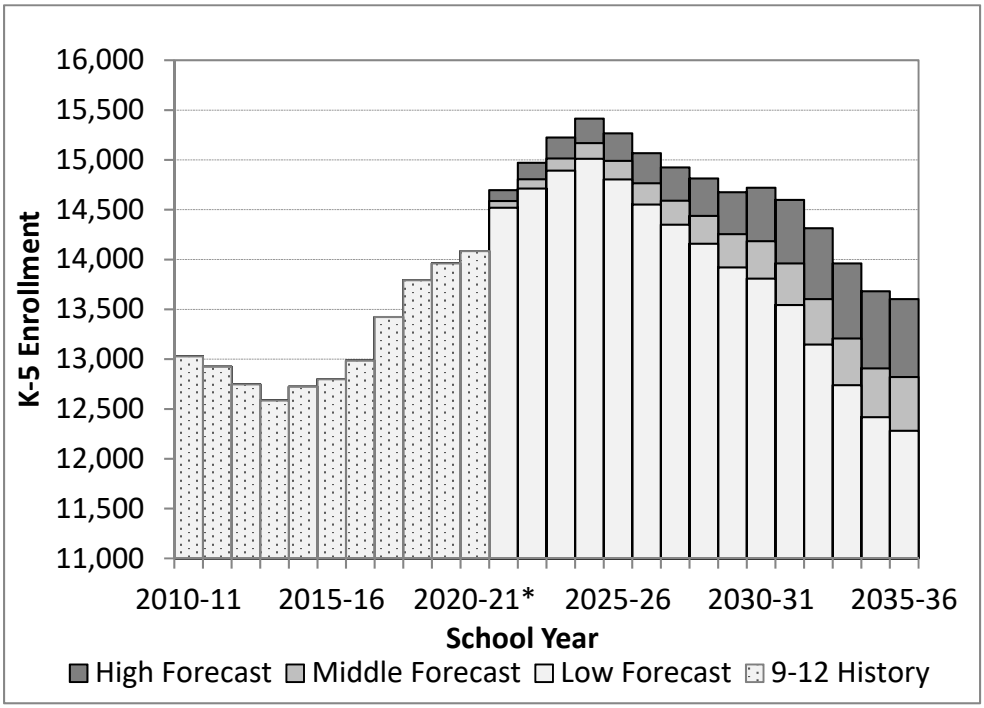


Figure 4 District-Wide Grade 6-8 Enrollment Forecasts



*Enrollment impacted by distance learning during COVID-19 pandemic.

Figure 5 District-Wide Grade 9-12 Enrollment Forecasts



*Enrollment impacted by distance learning during COVID-19 pandemic.

INTRODUCTION

The Population Research Center (PRC) at Portland State University has prepared enrollment forecasts for Portland Public Schools (PPS) in each of the past 22 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 district-wide enrollment forecasts by grade level and high school cluster (HSCL) enrollment forecasts by school level (K-5, 6-8, 9-12) for the 2021-22 to 2035-36 school years and enrollment by attendance area of residence and by individual school attending for the 2021-22 to 2030-31 school years.

Primary data sources used to prepare these forecasts include historic PPS enrollments through 2020-21, U.S. Census Bureau 2000 and 2010 Decennial Censuses and 2015 to 2019 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 middle series, which is 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 scenarios for the District. All three 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 HSCL are prepared and controlled to the district-wide middle 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, while alternative programs, community-based programs, special services, and charter schools are grouped into an "other schools and programs" category.

Typically, the most recent October enrollment count is used as a baseline, or "launch" year for enrollment forecasts. However, due to the COVID-19 pandemic, October 2020 enrollment was atypical. Therefore, we used October 2019 as a baseline, constructing a hypothetical forecast for October 2020 based on historic trends while considering actual October 2020 as a secondary source.

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. Among the 460,248 PPS residents as of the 2010 Census, 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. Appendices contain tables showing A) annual district-wide enrollment forecasts by grade, B) annual enrollment forecasts by area of residence and grade level (K-2, 3-5, 6-8, 9-12), C) annual enrollment forecasts by individual school, D) neighborhood elementary school attendance areas listed by HSCL, and E) 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, the population within PPS grew by about 34,000, from 426,110 persons to 460,248. Growth has accelerated in the current decade; it is estimated that the District grew by around 47,000 residents between 2010 and 2019[2]. While the District's average annual growth rate (AAGR) of 0.8 percent between 2000 and 2010 fell below the metro area's 1.4 percent AAGR, the District's estimated 1.1 percent AAGR between 2010 and 2019 is much closer to the 1.3 percent metro area AAGR over the period.

Population by Age Group

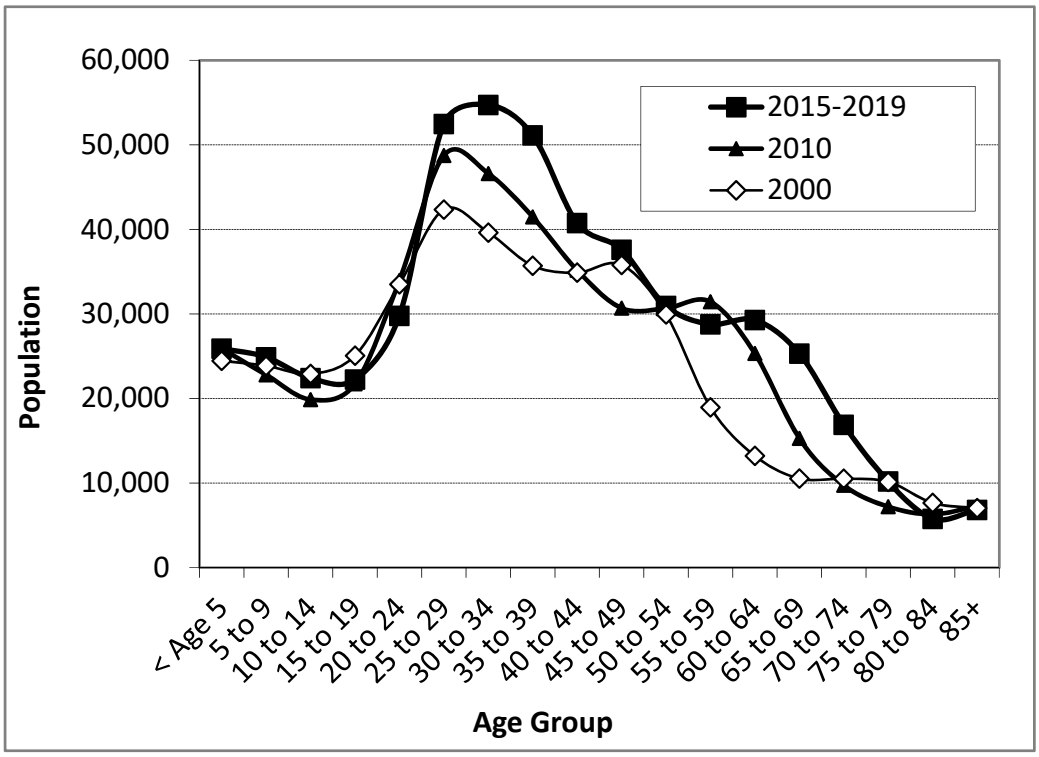
Although the District's population grew in both the 1990s and 2000s, population change by age group has varied widely. Net losses of population under age 10 between 1990 and 2000 are consistent with the elementary enrollment losses of the late 1990s and early 2000s, while the growth of the population under age five between 2000 and 2010 foretold subsequent elementary enrollment growth. Although we are waiting for details from the 2020 Census, we estimate that the number of residents under age five fell in the 2010s.

Figure 6 illustrates the growth of the young adult population. In both 2000 and 2010, 25 to 34 year-olds constituted the two largest age groups. In 2010, age 25 to 34 population of about 82,000 accounted 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. As the millennial generation ages, the 35 to 39 age group has joined ages 25 to 29 and 30 to 34 as the largest groups. The chart also shows the aging of the baby boom generation; though not the largest in number, the cohort born in the

[2] The Census Bureau's Small Area Income and Poverty Estimates include a 2010 population estimate of 461,591 and a 2019 population estimate of 508,693 for Portland Public Schools. Retrieved at https://www.census.gov/programs-surveys/saipe.html.

late 1940s and early 1950s has consistently accounted for the largest percentage growth each decade, pushing up the population age 55 to 64 in 2010 and 65 to 74 in 2020.

Figure 6 Population by Age Group, PPS, 2000, 2010, and 2015-2019

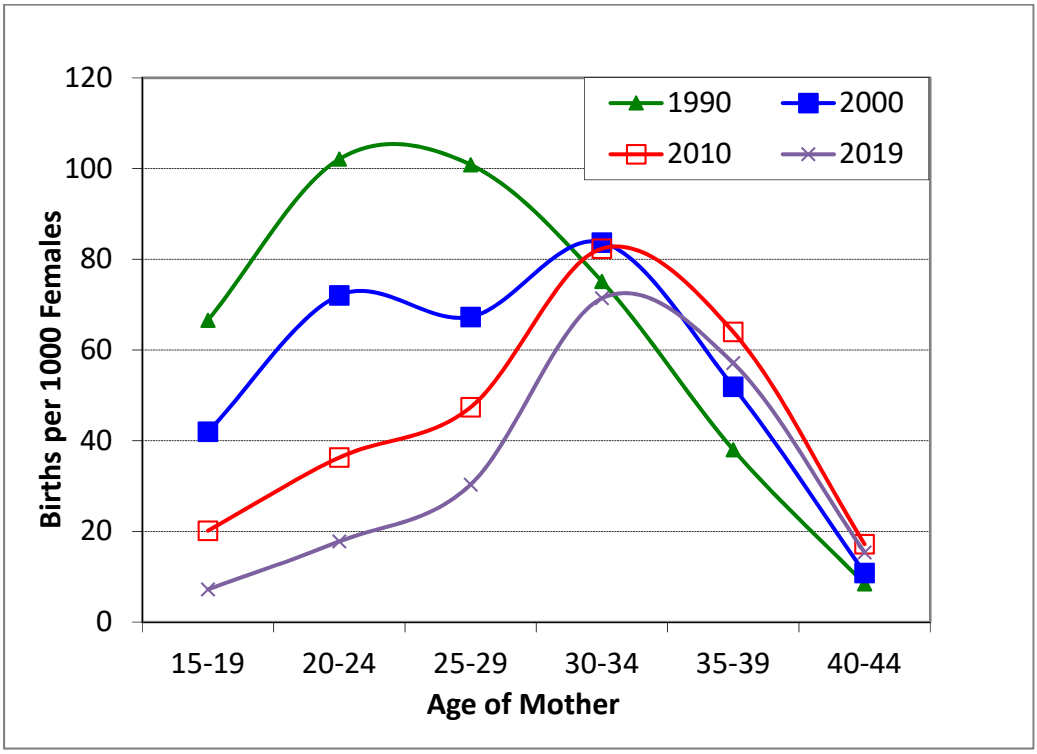


Births

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 Figure 7, using age-specific fertility rates (ASFRs) for five-year age groups. The rates are expressed as the number of births per 1,000 women in each age group. Rates are calculated using calendar year births to PPS residents and population counts by age group from each decennial census, and population estimates by age group for 2019. Rates in 2019 for women under age 25 fell to about one-fifth of their 1990 levels, while rates for women age 25 to 29 fell by about two-thirds. The number of births to women under age 25 residing within PPS fell from 1,747 in 2000 to 860 in 2010, and have continued to plunge, reaching a new low of 355 in 2019.

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 1.34 in PPS and 1.91 in the MSA remainder.

Figure 7 Age-Specific Fertility Rates, 1990 to 2019
Residents of Portland Public Schools

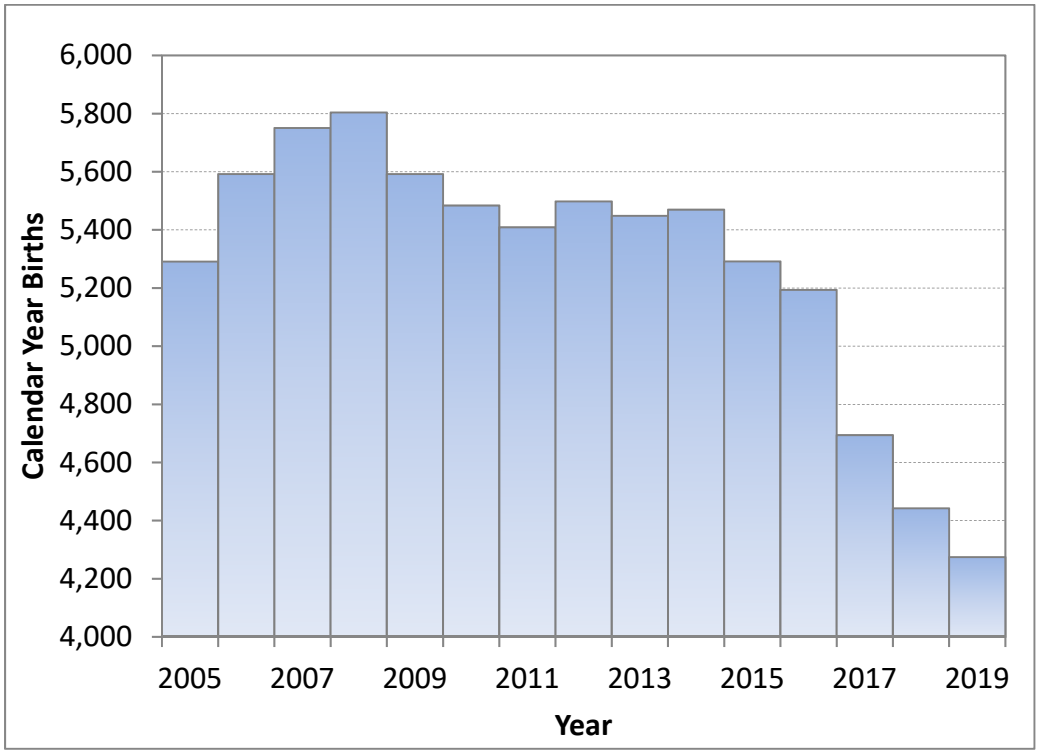


The decline in fertility rates among women under 30 has been partially offset by increases for women age 30 and older. Overall population increases also helped to prevent the number of PPS births from falling at a level commensurate with the decline in fertility rates. More than 90 percent of births to PPS residents occur to women age 20 to 39, a group whose population increased by 16 percent between the 2000 and 2010 censuses. Despite the large increase in the number of women in prime childbearing ages, the annual

number of births has declined, most notably since 2016. Annual births over a 15-year period are shown in Figure 8. There were 26 percent fewer births to PPS residents in 2019 compared with the 2008 peak.

Figure 9 compares births by HSCL in successive five-year periods, covering the most recent 15 years for which detailed data by the mother's place of residence has been compiled. Every cluster experienced decrease in the most recent period.

Figure 8 Annual Births to PPS Residents, 2005 to 2019



Year	2005	2006	2007	2008	2009	2010
Births	5,291	5,592	5,751	5,802	5,591	5,481
Year	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**
Births	5,409	5,497	5,448	5,470	5,288	5,194
Year	**2017**	**2018**	**2019**			
Births	4,694	4,442	4,275			

Figure 9 Births by High School Cluster

HS Cluster[1]	Five- Year Period 2005-09	Five- Year Period 2010-14	Five- Year Period 2015-19	2005-09 to 2010-14 Change	2010-14 to 2015-19 Change
Cleveland	4,159	3,975	3,416	-4%	-14%
Franklin	4,883	4,746	4,048	-3%	-15%
Grant	1,362	1,042	894	-23%	-14%
Jeff-Grant[2]	2,030	1,911	1,582	-6%	-17%
Jeff-McDaniel[2]	1,297	1,383	1,194	7%	-14%
Jeff-Roosevelt[2]	2,424	2,396	2,083	-1%	-13%
Lincoln	2,066	2,223	2,134	8%	-4%
McDaniel	3,852	3,667	3,072	-5%	-16%
Roosevelt	2,584	2,437	2,181	-6%	-11%
Wells	3,370	3,524	3,288	5%	-7%
PPS District Total	**28,027**	**27,305**	**23,892**	**-3%**	**-12%**

1. High school cluster boundaries in 2021-22.

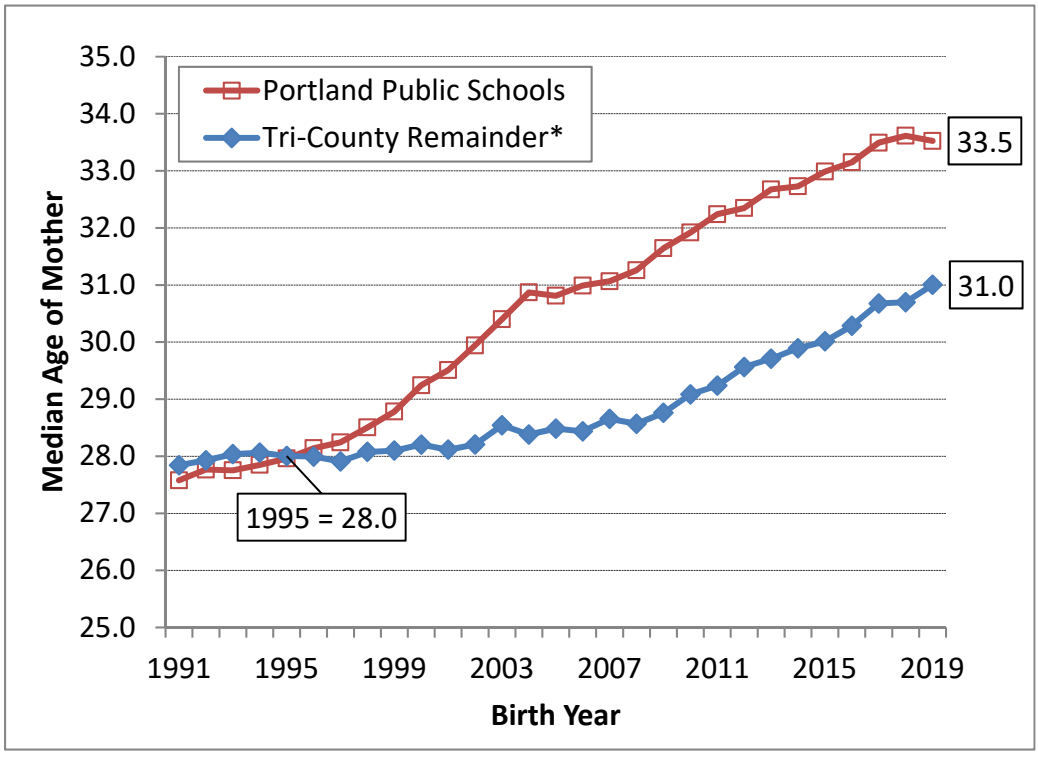
2. Jefferson Dual Assignment Zones.

Source: Oregon Center for Health Statistics; geocoded birth records aggregated to high school cluster boundaries by Population Research Center, PSU, based on mother's residence.

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. For example, the fall 2012 peak in kindergarten enrollment 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 seven years following 2012-13, kindergarten enrollment declined by nine percent, more than doubling the four 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.

Despite recent enrollment declines, the net loss of children between birth and age five remains smaller than in the late 1990s and early 2000s. 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.[3] By 2019, the median age for PPS residents giving birth had risen by five and a half years to 33.5, while the median age in suburban areas increased by only three years, to 31.0 (Figure 10). 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 indicated that 40 percent of PPS residents in their 20s had moved within a 12-month period, compared with only 23 percent of PPS residents in their 30s and 11 percent of PPS residents in their 40s.[4]

Figure 10 Median Age of Mother at Birth of Child by Place of Residence



*Clackamas, Multnomah, and Washington Counties outside of PPS District.

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

[4] U.S. Census Bureau, 2015-2019 American Community Survey 5 year estimates, Table B07001.

Housing Growth

Between 2000 and 2010, about 25,000 housing units were added within PPS. Despite a slowdown in new construction following the Great Recession that persisted into the early 2010s, housing growth in the 2010s has substantially outpaced the 2000s. In the five years between 2016 and 2020, the City of Portland issued building permits for over 25,000 units within the District. Multi-family units accounted for over 21,200 (85 percent) of those units, of which nearly 1,900 were accessory dwelling units.

City of Portland residential building permit data for a 20-year period is shown by HSCL in Figures 11 and 12. Single-family development has occurred throughout the District, though the Cleveland, Franklin, and Jefferson clusters have accounted for more than 63 percent of new single-family homes in the past 10 years. Multi-family development is more concentrated, with 82 percent of 2017 to 2020 permits issued in the Cleveland, Jefferson, and Lincoln clusters. Figure 13 depicts the district-wide annual totals for single-family and multi-family units respectively.

Figure 11 Single Family Housing Units Authorized by City of Portland Building Permits
PPS by High School Cluster, 2000 to 2020

HS Cluster[1]	2001 to 2005	2006 to 2010	2011 to 2015	2016	2017	2018	2019	2020	2016 to 2020
Cleveland	538	435	628	191	165	141	110	87	694
Franklin	553	496	584	156	173	188	119	100	736
Grant	28	29	115	26	27	22	9	11	95
Jeff-Grant[2]	154	171	365	118	75	76	59	34	362
Jeff-McDaniel[2]	234	147	186	60	34	53	34	34	215
Jeff-Roosevelt[2]	353	251	347	105	96	131	60	30	422
Lincoln	679	181	173	39	37	34	25	22	157
McDaniel	477	363	249	84	105	117	75	60	441
Roosevelt	567	418	316	56	96	75	69	54	350
Wells	616	454	363	123	87	80	75	49	414
PPS Total	**4,199**	**2,945**	**3,326**	**958**	**895**	**917**	**635**	**481**	**3,886**

1. Data for all years shown for 2021-22 high school cluster areas.

2. Jefferson Dual Assignment zones.

Source: Residential Building Permits layer from Portland Maps Open Data (http://gis-pdx.opendata.arcgis.com). Aggregated to PPS attendance areas by Population Research Center, PSU.

Figure 12 Multi-Family[3] Housing Units Authorized by City of Portland
PPS by High School Cluster, 2000 to 2020

HS Cluster[1]	2001 to 2005	2006 to 2010	2011 to 2015	2016	2017	2018	2019	2020	2016 to 2020
Cleveland	622	458	3,575	982	1,834	1,531	689	264	5,300
Franklin	498	218	856	669	538	416	126	83	1,832
Grant	76	101	500	239	169	48	55	78	589
Jeff-Grant[2]	114	670	1,420	492	645	314	267	44	1,762
Jeff-McDaniel[2]	252	214	341	183	364	69	78	72	766
Jeff-Roosevelt[2]	255	301	663	231	363	459	970	242	2,265
Lincoln	5,044	3,758	4,695	1,098	1,859	1,731	1,496	574	6,758
McDaniel	831	307	89	35	74	188	210	8	515
Roosevelt	838	495	339	314	109	50	124	109	706
Wells	735	1,841	1,563	165	30	288	312	9	804
PPS Total	**9,265**	**8,363**	**14,041**	**4,408**	**5,985**	**5,094**	**4,327**	**1,483**	**21,297**

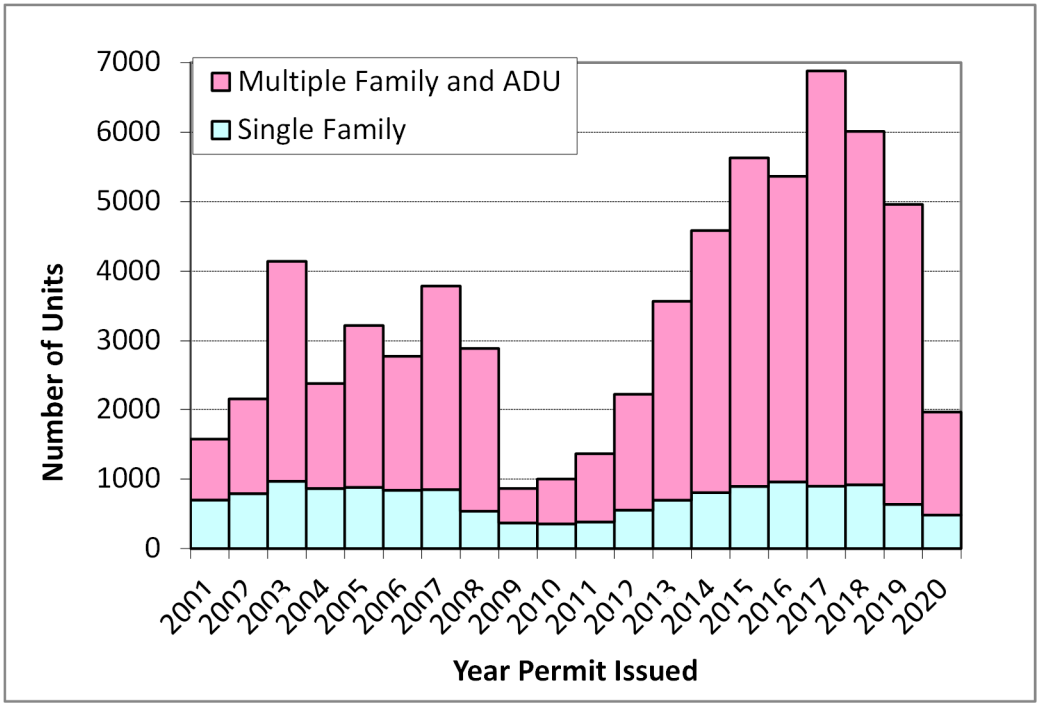
1. Data for all years shown for 2021-22 high school cluster areas.

2. Jefferson Dual Assignment zones.

3. Including accessory dwelling units.

Source: Residential Building Permits layer from Portland Maps Open Data (http://gis-pdx.opendata.arcgis.com). Aggregated to PPS attendance areas by Population Research Center, PSU.

Figure 13 Housing Units Authorized in PPS by City of Portland



Year	2001	2002	2003	2004	2005	2006	2007
Multi-Family	876	1363	3175	1510	2341	1927	2940
Single-Family	698	790	968	863	880	839	848

Year	2008	2009	2010	2011	2012	2013	2014
Multi-Family	2355	495	646	983	1666	2874	3782
Single-Family	536	368	354	381	553	695	803

Year	2015	2016	2017	2018	2019	2020
Multi-Family	4736	4408	5985	5094	4327	1483
Single-Family	894	958	895	917	635	481

Previous studies have demonstrated that the unit types most likely to be home to PPS students include single-family homes and affordable multi-bedroom apartments.[5] Most of the new housing within PPS consists of market-rate rental units, including many studio and one bedroom units that are unlikely to be home to families with school-age children.

[5] See "Portland Public Schools Enrollment Forecasts 2017-18 to 2031-32," page 17. https://pdxscholar.library.pdx.edu/enrollmentforecasts/118/.

However, in the coming months and years an increasing number of affordable rentals will be completed within PPS due to incentives, public financing, and inclusionary housing requirements. Portland's City Council adopted the Multiple-Unit Limited Tax Exemption (MULTE) Program in 2012, providing a ten-year property tax exemption to developments that included affordable units and met the program requirements. In November 2016, Portland voters passed a $258.4 million general obligation bond for affordable housing. In November 2018, Metro voters approved a $652.8 million general obligation bond to create affordable housing for approximately 12,000 people in the greater Portland region. An amendment to the state constitution also approved by voters in November 2018 allows bond money to be spent on projects built and owned by private developers, which will make the funds go farther when combined with other sources. Furthermore, since 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.[6]

The Portland Housing Bureau (PHB) web site includes documents and interactive maps detailing affordable housing developments that are currently being built or planned for completion within the next few years.[7] Enrollment impacts from affordable developments in the pipeline with 10 or more units larger than one bedroom are specifically factored into the school forecasts. The developments known to PRC as of April 2021 include over 850 family-size units of two or more bedrooms and are listed in Figure 14 by elementary attendance area. Nearly 600 of these units are scheduled to be completed by fall 2023.

[6] See Program-Specific Administrative Rules at https://www.portlandoregon.gov/citycode/73403.

[7] Affordable housing developments that are currently being built or planned for completion within the next few years at https://www.portlandoregon.gov/phb/74263.

Figure 14 Affordable Multi-Family Housing Under Development within PPS, April 2021

Elementary Area	Name	Total Units[2]	Affordable 2 BR Units	Affordable 3+ BR Units	April 2021 status	Expected Completion
Ainsworth	Riverplace 2	178	33	18	Under construction	May 2022
Astor	Olin Townhomes	12	0	12	Completed	Fall 2020
Astor	Portsmouth Commons	20	12	0	Under construction	2022
Beach	5020 Condos	64	20	20	Permitted	TBD
Beach	Minnesota Places	72	28	28	Planned	TBD
Chapman	Alta Art Tower	314	0	14	Under construction	Early 2022
Chapman	Sawbuck	182	10	0	Under construction	Summer 2021
Faubion	Dekum Court	160	30	50	Planned	Spring 2024
Grout	3000 SE Powell Blvd	206	58	7	Planned	June 2023
James John	Cathedral Village	110	45	11	Planned	Summer 2022
Laurelhurst	Anna Mann House	128	48	14	Planned	Fall 2022
Laurelhurst	Hollywood Hub	213	TBD	TBD	Planned	Spring 2024
M L King	Grand and Alberta	21	11	8	Planned	Oct 2022
Peninsula	Renaissance Commons	189	47	18	Completed	Summer 2020
Peninsula	Kenton Townhomes 1	12	6	6	Under Construction	Spring 2021
Peninsula	Kenton Townhomes 2	18	9	9	Under Construction	Fall 2021

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.

Source: Public documents, news items, and developer interviews gathered by Population Research Center, PSU.

Elementary Area	Name	Total Units[2]	Affordable 2 BR Units	Affordable 3+ BR Units	April 2021 status	Expected Completion
Rigler	Hayu Tilixam	50	11	9	Under Construction	Dec 2021
Rigler	Las Adelitas	142	74	26	Under Construction	Oct 2022
Rigler	The Charlotte Lewis	12	2	10	Planned	TBD
Rigler	Simpson Condominiums	10	2	8	Under Construction	Summer 2021
Rigler	5542 NE Killingsworth St	63	TBD	TBD	Planned	TBD
Rigler	PCC Training Center Apts	85	46	15	Planned	Summer 2024
Vernon	Mamook Tokatee	56	7	10	Under Construction	June 2022
Vernon	The Isaka Shamsud-Din	29	11	0	Planned	TBD
Vestal	432 NE 74th	TBD	TBD	TBD	Planned	TBD
Woodlawn	King Parks	70	38	12	Completed	Fall 2020

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.

Source: Public documents, news items, and developer interviews gathered by Population Research Center, PSU.

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ENROLLMENT TRENDS

In fall 2020, Portland Public Schools (PPS) enrolled 46,937 students in grades K-12, a decrease of 1,716 students from fall 2019. Growth had been slowing already; after 10 consecutive years of growth from fall 2008 to fall 2018, the District saw a small net loss of 55 students between fall 2018 and fall 2019. However, we conclude that nearly all of the K-12 enrollment decline seen in fall 2020 was attributable to choices that families made in response to distance learning during the COVID-19 pandemic, a trend seen throughout Oregon and the U.S.

The greatest impact of COVID-19 was seen in PPS kindergartens, which likely would have enrolled about 3,800 students under normal circumstances, but instead enrolled 3,245 students, 629 fewer compared with fall 2019. This 16 percent drop is similar to or less than in adjacent districts including Beaverton (17 percent), Lake Oswego (15 percent), and Tigard-Tualatin (24 percent), and also similar to an unofficial tally of districts nationwide conducted by NPR. They report that "in many places, the enrollment drops are especially noticeable in kindergarten and pre-K. For our reporting, we reached out to more than 100 districts and heard back from more than 60. In our sample, the average kindergarten enrollment drop was 16 percent."[8] In Oregon, the statewide drop in kindergarten enrollment amounted to nearly 15 percent.[9]

Other grades are also noticeably affected by the pandemic, with enrollment in each grade from 1st to 6th falling short of the middle series forecast that we prepared in April 2020 by four to six percent. Enrollment in grades 7-12 was less impacted, falling short of the middle series forecast by an average of only one percent.

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[8] "Enrollment Is Dropping in Public Schools Around the Country." Anya Kamenetz, Marco A. Treviño, and Jessica Bakeman, reporters. NPR, October 9, 2020.

[9] Oregon Department of Education, Student Enrollment Reports, https://www.oregon.gov/ode/reports-and-data/students/Pages/Student-Enrollment-Reports.aspx. Retrieved on March 1, 2021.

Elementary (grades K-5) enrollment peaked in fall 2016 and saw net losses of 0.6 percent, 2.2 percent, and 1.6 percent in successive years. Another decline of one to two percent was expected between fall 2019 and fall 2020; actual decline was 7.3 percent due to the net loss of 1,725 students. Part of the drop in K-5 enrollment is due to successively smaller incoming kindergarten classes in each of the eight years since their 2012-13 peak. Fall 2019 kindergarten enrollment was already the smallest since 2007-08 and was 403 students (nine percent) lower than in 2012-13. However, the COVID-19 pandemic accounted for most of the steep decline in fall 2020.

In contrast to the elementary losses, district-wide enrollment in secondary grades had experienced steady growth through fall 2019, beginning in 2010-11 for middle grades and 2014-15 for high school grades. The pandemic caused a reversal of the trend for middle grades, as they had a net loss of 115 students (1.0 percent) between fall 2019 and fall 2020. In spite of the shift to remote learning, enrollment in high school grades continued to increase, by 124 students (0.9 percent) in fall 2020 compared with fall 2019.

Figure 15 summarizes the K-12 enrollment history for the District by grade level annually from 2010-11 to 2020-21.[10] Figure 16 shows enrollment change by five-year increments.

[10] The "total" row in Figure 15 differs from the district-wide totals published by PPS because it shows K-12 figures only; it does not include pre-kindergarten enrollment.

Figure 15 Portland Public Schools, Historic K-12 Enrollment, 2010-11 to 2020-21

Grade	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
K	3,995	4,064	4,277	4,244	4,127	4,097	4,073	3,948	3,899	3,874	3,245
1	4,091	4,037	4,146	4,369	4,302	4,266	4,141	4,106	3,916	3,930	3,696
2	3,894	4,029	3,937	4,082	4,287	4,256	4,211	4,070	4,040	3,861	3,738
3	3,727	3,898	3,918	3,864	4,041	4,233	4,160	4,133	4,011	3,972	3,646
4	3,682	3,721	3,813	3,906	3,864	3,983	4,128	4,137	4,051	3,961	3,747
5	3,479	3,597	3,660	3,775	3,865	3,772	3,916	4,087	4,036	3,963	3,764
6	3,354	3,396	3,467	3,547	3,594	3,722	3,568	3,704	3,844	3,797	3,614
7	3,299	3,310	3,336	3,407	3,428	3,601	3,605	3,523	3,619	3,811	3,665
8	3,192	3,230	3,217	3,349	3,349	3,424	3,523	3,553	3,500	3,524	3,738
9	3,176	3,082	3,065	3,057	3,137	3,259	3,240	3,344	3,500	3,463	3,442
10	3,339	3,256	3,111	3,055	3,090	3,131	3,203	3,228	3,354	3,472	3,473
11	3,026	3,181	3,090	2,990	2,946	2,981	3,102	3,220	3,234	3,299	3,439
12	3,487	3,405	3,480	3,482	3,549	3,427	3,439	3,631	3,704	3,726	3,730
Total	**45,741**	**46,206**	**46,517**	**47,127**	**47,579**	**48,152**	**48,309**	**48,684**	**48,708**	**48,653**	**46,937**
Annual Absolute	N/a	465	311	610	452	573	157	375	24	-55	-1,716
Annual Percent	N/a	1.0%	0.7%	1.3%	1.0%	1.2%	0.3%	0.8%	0.0%	-0.1%	-3.5%
K-5	22,868	23,346	23,751	24,240	24,486	24,607	24,629	24,481	23,953	23,561	21,836
6-8	9,845	9,936	10,020	10,303	10,371	10,747	10,696	10,780	10,963	11,132	11,017
9-12	13,028	12,924	12,746	12,584	12,722	12,798	12,984	13,423	13,792	13,960	14,084

*Enrollment impacted by distance learning during COVID-19 pandemic.

Source: Portland Public Schools Enrollment Summaries.

Figure 16 Portland Public Schools, Historic Enrollment Five and Ten-Year Changes

Grade	5-Year Change 2010-11 to 2015-16	Pct. Change 2010-11 to 2015-16	5-Year Change 2015-16 to 2020-21*	Pct. Change 2015-16 to 2020-21*	10-Year Change 2010-11 to 2020-21*	Pct. Change 2010-11 to 2020-21*
K-5	1,739	8%	-2,771	-11%	-1,032	-5%
6-8	902	9%	270	3%	1,172	12%
9-12	-230	-2%	1,286	10%	1,056	8%
Total	**2,411**	**5%**	**-1,215**	**-3%**	**1,196**	**3%**

*Enrollment impacted by distance learning during COVID-19 pandemic.

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-old children who have not yet entered school, and teenagers who have graduated or left PPS schools. 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. School years 1999-2000 and 2009-2010 are used because they include the April 1 census date. Rates based on the 2000 and 2010 censuses presented in Figure 17 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 survey responses collected between 2015 and 2019, is that 15.8% (+/- 1.1%) of PPS residents enrolled in grades K-12 were enrolled in private schools. Compared with nine years earlier, from 2006 to 2010, the number of K-8th grade students increased in both public and private schools. The number of 9th-12th grade students in public schools fell, while the number in private schools increased. The estimated 18.4 percent (+/-2.2%) private share for 9th-12th grade students represents a statistically significant increase at the 90

percent confidence level from the 2006-10 estimate of 13.4 percent (+/-1.9%). Figure 18 presents these ACS estimates of private school share for PPS.

Figure 17 Estimated PPS Capture Rates, Resident Enrollment 1999-2000 and 2009-2010

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

1. The ratio of enrolled District residents to total District population by grade level. Enrollments exclude about 1,000 students in 1999-2000 and 1,200 students in 2009-10 residing outside of the district.

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.

Figure 18 School Enrollment by Type of School, PPS District Residents, 2006-10 & 2015-19

Grade Cohort	2006-10 Estimate	2006-10 MOE*	2015-19 Estimate	2015-19 MOE*
Enrolled in K-12th grade	53,880	+/-1,393	58,726	+/-1,508
Public Schools	45,853	+/-1,344	49,433	+/-1,445
Private Schools	8,027	+/-565	9,293	+/-662
Private Share	14.9%	+/- 1.1%	15.8%	+/- 1.1%
Enrolled in K-8th grade	37,107	+/-1,152	41,827	+/-1,230
Public Schools	31,327	+/-1,091	35,641	+/-1,232
Private Schools	5,780	+/-475	6,186	+/-516
Private Share	15.6%	+/- 1.4%	14.8%	+/- 1.3%
Enrolled in 9th-12th grade	16,773	+/-784	16,899	+/-879
Public Schools	14,526	+/-784	13,792	+/-846
Private Schools	2,247	+/-305	3,107	+/-380
Private Share	13.4%	+/- 1.9%	18.4%	+/- 2.2%

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

Source: American Community Survey 5 year estimates, Tables B14002 and S1401. 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 PPS schools or programs.

HSCLs are composed of the elementary school attendance areas (ESAAs) in the high schools' feeder patterns. Each of the three Jefferson dual assignment zones are treated as individual clusters in this report. Most HSCLs are equivalent to high school attendance areas (HSAAs). However, two elementary areas are split between HSAAs. Faubion, split between the Jefferson-McDaniel and Jefferson-Roosevelt HSAAs, is included in the Jefferson-McDaniel HSCL. Bridlemile, split between the Lincoln and Wells HSAAs, is included in the Wells HSCL. A list of ESAAs by HSCL is provided in Appendix D of this report.

District-wide K-12 enrollment was three percent lower in 2020-21 compared with 2015-16, with wide variation in change among HSCLs and among school levels (K-5, 6-8, 9-12). Figure 19 reports the total number of residents of each HSCL enrolled in PPS schools, regardless of which PPS school they attended. All HSCLs had fewer K-5 residents in the pandemic year 2020-21 than in 2015-16, with the exception of Jefferson/McDaniel, which had a net increase of eight percent. Despite the pandemic, all HSCLs except Lincoln had more 9th-12th grade PPS residents in 2020-21 than in 2015-16.

Figure 19 PPS Historic Enrollment by Grade Level and High School Cluster of Residence

HS Cluster (2021-22)[1]	Grades	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21[2]	5-Year Absolute Change	5-Year Percent Change
Cleveland	K-5	3,619	3,664	3,638	3,554	3,549	3,274	-345	-10%
Cleveland	6-8	1,626	1,628	1,646	1,650	1,664	1,634	8	0%
Cleveland	9-12	1,834	1,867	1,898	1,958	1,898	1,963	129	7%
Cleveland	**Total**	**7,079**	**7,159**	**7,182**	**7,162**	**7,111**	**6,871**	**-208**	**-3%**
Franklin	K-5	4,072	4,015	4,023	3,963	3,858	3,693	-379	-9%
Franklin	6-8	1,799	1,814	1,825	1,869	1,872	1,868	69	4%
Franklin	9-12	2,052	2,115	2,194	2,311	2,396	2,435	383	19%
Franklin	**Total**	**7,923**	**7,944**	**8,042**	**8,143**	**8,126**	**7,996**	**73**	**1%**
Grant	K-5	1,656	1,641	1,659	1,671	1,653	1,512	-144	-9%
Grant	6-8	744	788	798	801	836	849	105	14%
Grant	9-12	766	783	813	879	982	1,044	278	36%
Grant	**Total**	**3,166**	**3,212**	**3,270**	**3,351**	**3,471**	**3,405**	**239**	**8%**
Jefferson/Grant[3]	K-5	1,718	1,636	1,608	1,518	1,457	1,348	-370	-22%
Jefferson/Grant[3]	6-8	673	683	687	699	632	620	-53	-8%
Jefferson/Grant[3]	9-12	855	839	864	871	958	953	98	11%
Jefferson/Grant[3]	**Total**	**3,246**	**3,158**	**3,159**	**3,088**	**3,047**	**2,921**	**-325**	**-10%**

1. Historical data reflects 2021-22 clusters (unchanged since 2018-19). Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6. Appendix D contains a list of elementary school areas by cluster.

2. Enrollment impacted by distance learning during COVID-19 pandemic.

3. Jefferson Dual Assignment zones.

HS Cluster (2021-22)[1]	Grades	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21[2]	5-Year Absolute Change	5-Year Percent Change
Jefferson/McDaniel[3]	K-5	959	950	1,047	1,047	1,085	1,033	74	8%
Jefferson/McDaniel[3]	6-8	329	370	389	390	445	468	139	42%
Jefferson/McDaniel[3]	9-12	425	413	412	427	458	480	55	13%
Jefferson/McDaniel[3]	**Total**	**1,713**	**1,733**	**1,848**	**1,864**	**1,988**	**1,981**	**268**	**16%**
Jefferson/Roosevelt[3]	K-5	1,694	1,673	1,664	1,638	1,621	1,527	-167	-10%
Jefferson/Roosevelt[3]	6-8	646	668	667	662	678	661	15	2%
Jefferson/Roosevelt[3]	9-12	724	700	750	772	792	818	94	13%
Jefferson/Roosevelt[3]	**Total**	**3,064**	**3,041**	**3,081**	**3,072**	**3,091**	**3,006**	**-58**	**-2%**
Lincoln	K-5	1,769	1,763	1,741	1,678	1,680	1,457	-312	-18%
Lincoln	6-8	875	866	880	854	848	811	-64	-7%
Lincoln	9-12	1,339	1,329	1,398	1,399	1,354	1,281	-58	-4%
Lincoln	**Total**	**3,983**	**3,958**	**4,019**	**3,931**	**3,882**	**3,549**	**-434**	**-11%**
McDaniel	K-5	3,113	3,108	3,039	2,905	2,830	2,630	-483	-16%
McDaniel	6-8	1,420	1,341	1,295	1,362	1,395	1,337	-83	-6%
McDaniel	9-12	1,602	1,556	1,639	1,678	1,578	1,604	2	0%
McDaniel	**Total**	**6,135**	**6,005**	**5,973**	**5,945**	**5,803**	**5,571**	**-564**	**-9%**

1. Historical data reflects 2021-22 clusters (unchanged since 2018-19). Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6. Appendix D contains a list of elementary school areas by cluster.

2. Enrollment impacted by distance learning during COVID-19 pandemic.

3. Jefferson Dual Assignment zones.

HS Cluster (2021-22)[1]	Grades	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21[2]	5-Year Absolute Change	5-Year Percent Change
Roosevelt	K-5	2,277	2,179	2,043	1,998	1,898	1,732	-545	-24%
Roosevelt	6-8	885	896	920	939	953	949	64	7%
Roosevelt	9-12	1,098	1,080	1,075	1,110	1,213	1,237	139	13%
Roosevelt	**Total**	**4,260**	**4,155**	**4,038**	**4,047**	**4,064**	**3,918**	**-342**	**-8%**
Wells	K-5	3,106	3,322	3,350	3,332	3,280	2,965	-141	-5%
Wells	6-8	1,528	1,434	1,453	1,503	1,605	1,576	48	3%
Wells	9-12	1,761	1,880	1,938	1,966	1,929	1,884	123	7%
Wells	**Total**	**6,395**	**6,636**	**6,741**	**6,801**	**6,814**	**6,425**	**30**	**0%**
Out of District	K-5	624	678	669	649	650	665	41	7%
Out of District	6-8	222	208	220	234	204	244	22	10%
Out of District	9-12	342	422	442	421	402	385	43	13%
Out of District	**Total**	**1,188**	**1,308**	**1,331**	**1,304**	**1,256**	**1,294**	**106**	**9%**
PPS	K-5	24,607	24,629	24,481	23,953	23,561	21,836	-2,771	-11%
PPS	6-8	10,747	10,696	10,780	10,963	11,132	11,017	270	3%
PPS	9-12	12,798	12,984	13,423	13,792	13,960	14,084	1,286	10%
PPS	**Total**	**48,152**	**48,309**	**48,684**	**48,708**	**48,653**	**46,937**	**-1,215**	**-3%**

1. Historical data reflects 2021-22 clusters (unchanged since 2018-19). Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6. Appendix D contains a list of elementary school areas by cluster.

2. Enrollment impacted by distance learning during COVID-19 pandemic.

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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 middle series 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 scenarios for the District. All three scenarios use the same fertility rates and long-run capture rates.

- Second, forecasts of PPS students by grade level residing in each HSCL are prepared and controlled to the district-wide middle series 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 last two censuses (2000 and 2010) and historic enrollments are used to calibrate rates of changes in population by single year of age and changes in enrollment by grade level in one-year increments. Enrollment changes observed between fall 2019 and fall 2020 were not used in the development of rates, due to the COVID-19 pandemic. Instead, the baseline enrollment for these forecasts was fall 2019, and an unpublished fall 2020 forecast of what enrollment might have looked like under normal conditions was used as the base for the fall 2021 forecast. Fall 2021 kindergarten enrollment is expected to be slightly larger than it would have been if 2020-21 had been a "normal" year, to account for a small number of families who decided to wait to enroll their children in kindergarten. However, we expect that most of the children who were not enrolled in 2020-21 kindergartens will enter as first grade students in fall 2021.

Another key assumption is that fall 2021 will represent a return to normalcy. The forecasts were prepared in January 2021, under the expectation that PPS capture rates will be similar to the 2019-20 school year. There is a risk that enrollment will fall short if some families are hesitant to return, or if they continue to choose other schooling options for any reason.

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.

<u>Cohort-Component Model for District Residents</u>

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 younger people 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 2040 period.

We estimated the number of births to women residing within the District each year from 1999 to 2019, 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. Steep declines in rates among women under 30 have continued since 2010; we estimate that the TFR decreased from 1.34 in 2010 to 1.00 in 2019. Fertility rates are forecast to rebound slightly, resulting in a TFR of 1.09 in 2025 and 1.13 in 2030 and beyond.

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. Capture rates for District

residents are assumed to be near 0.80 for kindergarten and 0.81 for first grade 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.

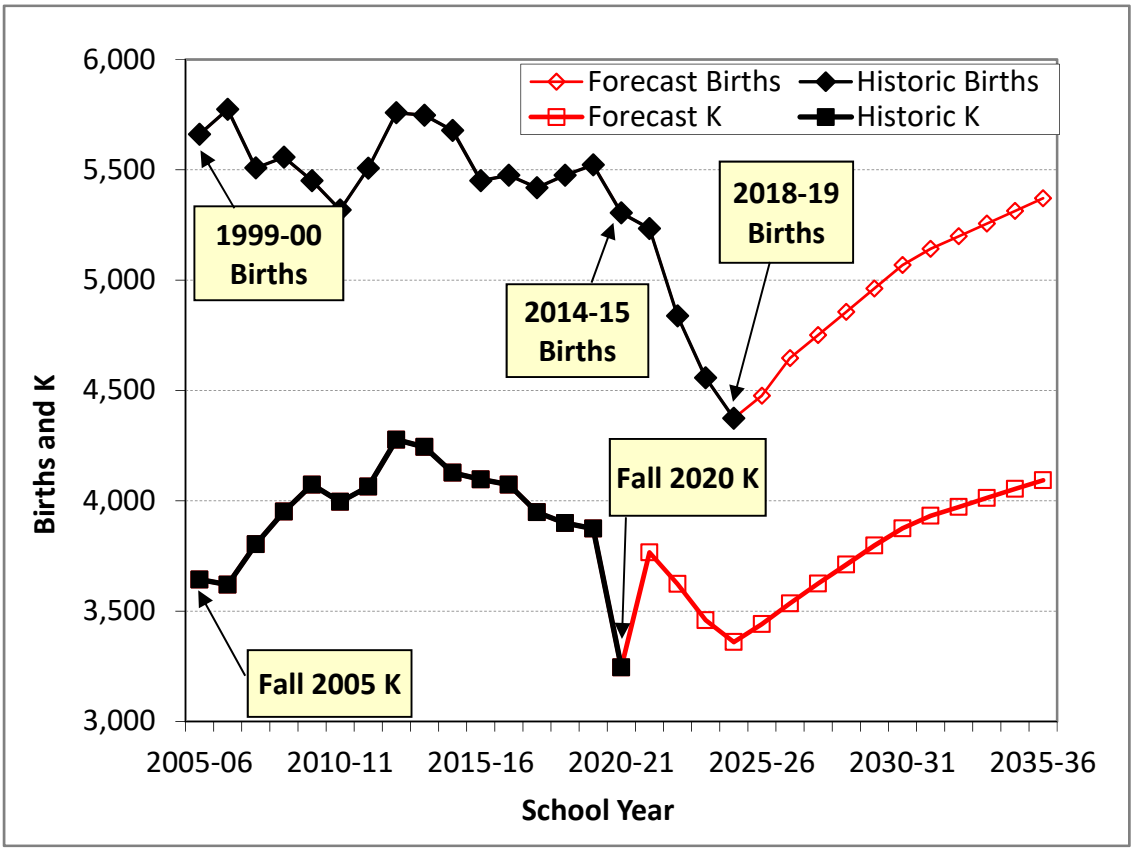
To derive the total district-wide enrollment, it is necessary to include non-residents, who comprised 2.6 percent of the District total in fall 2019. They are not linked to the District's population in the way that residents are, so an additional component of the district-wide forecast is a grade progression model for out-of-district residents.

The number of out-of-district PPS kindergarten students is held constant at the 2019-20 level. For each grade from 1 to 12, the model incorporates recent GPRs for PPS students residing out of the district by grade level. To determine 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

Figure 20 compares the historic and forecast number of births to District residents with the historic and middle series forecast number of PPS kindergarten students. Births are compiled by kindergarten cohorts (September to August). Although many children move into and out of the District between birth and age five, and not all District residents attend PPS kindergartens, the trend in kindergarten enrollment has often followed the trend in the birth cohort. For example, the peak kindergarten class of 2012-13 aligned with the birth peak in 2006-07. From 2009-10 to 2016-17 the ratio of kindergarten to corresponding births was relatively stable in the range of 0.74 to 0.75. However, since then the ratio has declined, falling to 0.70 in fall 2019 (compared to 2013-14 births) and 0.61 in the pandemic-affected fall 2020 enrollment count (compared to 2014-15 births).

Figure 20 Birth Cohorts and Kindergarten Enrollment
Historic and Middle Series Forecast



Decomposing the 403-student decline in kindergarten enrollment between fall 2012 and fall 2019, we found that a decline in cohort births accounted for a loss of 176 students and the lower ratio of kindergarten to births accounts for an additional 227 student loss.

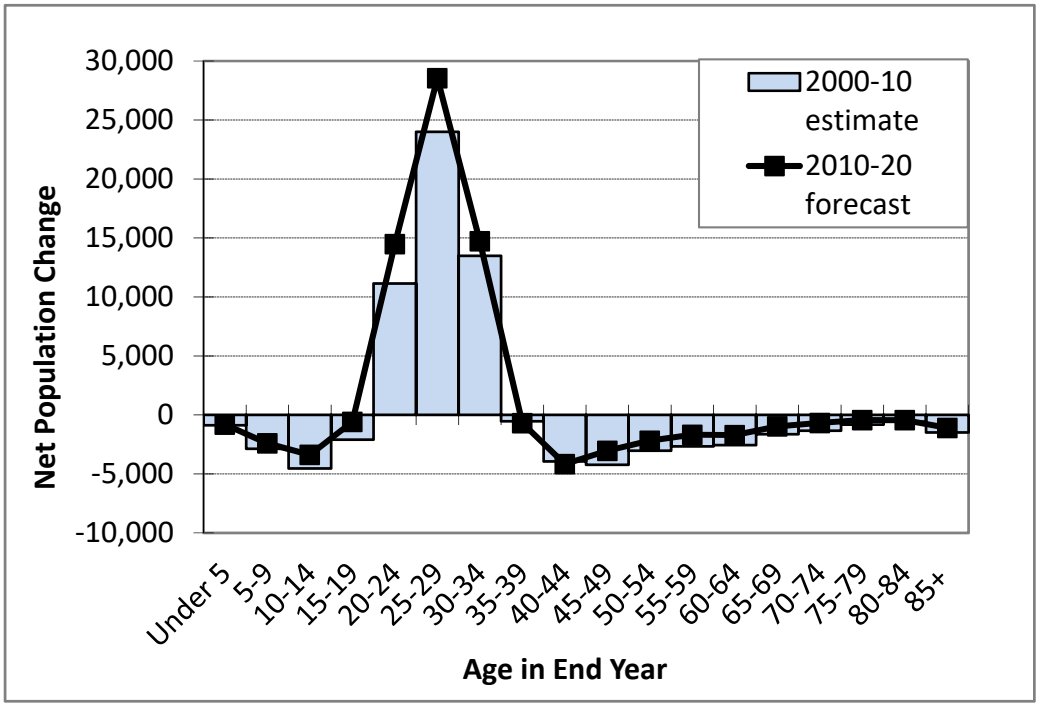
The enrollment models do not explicitly use the kindergarten to birth ratio; capture rates and net migration drive the kindergarten forecasts. Ratios derived from the kindergarten forecasts and observed and predicted births are expected to increase to 0.76 by 2023-24 and remain at this ratio or slightly higher through 2035-36 in the middle series forecast. The higher ratio is due to expected population growth and a smaller net outflow of young children.

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. As described in an earlier section of this report, the number of births to PPS residents have recently declined sharply. The models use actual births through 2019 and preliminary birth estimates for 2020; continued declines or a greater than expected rebound in births could impact enrollments beginning with the 2026-27 kindergarten class. Changes in capture rates may occur based on the cumulative impact of individual families choosing whether to enroll in District schools or alternatives including private schools. While fertility and capture rates influence enrollment trends, we choose migration rates to differentiate the scenarios because they are closely related to household growth and the supply of and demand for family housing within PPS.

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 Figure 21 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. This pattern was similar to the 1990s; the only cohorts with positive net migration were those age 20 to 34 in 2000.

The middle scenario includes future net migration levels even greater than in the 2000 to 2010 decade. The age distribution of net migration in the middle series forecast remains similar to the 1990s and 2000s but assumes larger net inflows of young adults and smaller net outflows at other age groups. Net migration estimates for the 2010s are depicted by the line in Figure 21. When 2020 Census data are published they will provide a new baseline for future migration assumptions.

Figure 21 Population Change Due to Migration, 2000 to 2020
PPS by Age Group



Total population growth in the middle series increases from 34,000 (eight percent) observed in the 2000s to 51,200 (11 percent) in the 2010s, 49,000 (10 percent) in the 2020s, and 38,800 (seven percent) in the 2030s. Births are expected to increase slightly from their current low level, but deaths will increase faster as the population ages. Therefore, the contribution of natural increase (births minus deaths) to population growth will decrease throughout the forecast horizon, resulting in slower overall growth. If future rates of household formation by age group were to remain at their 2010 levels,

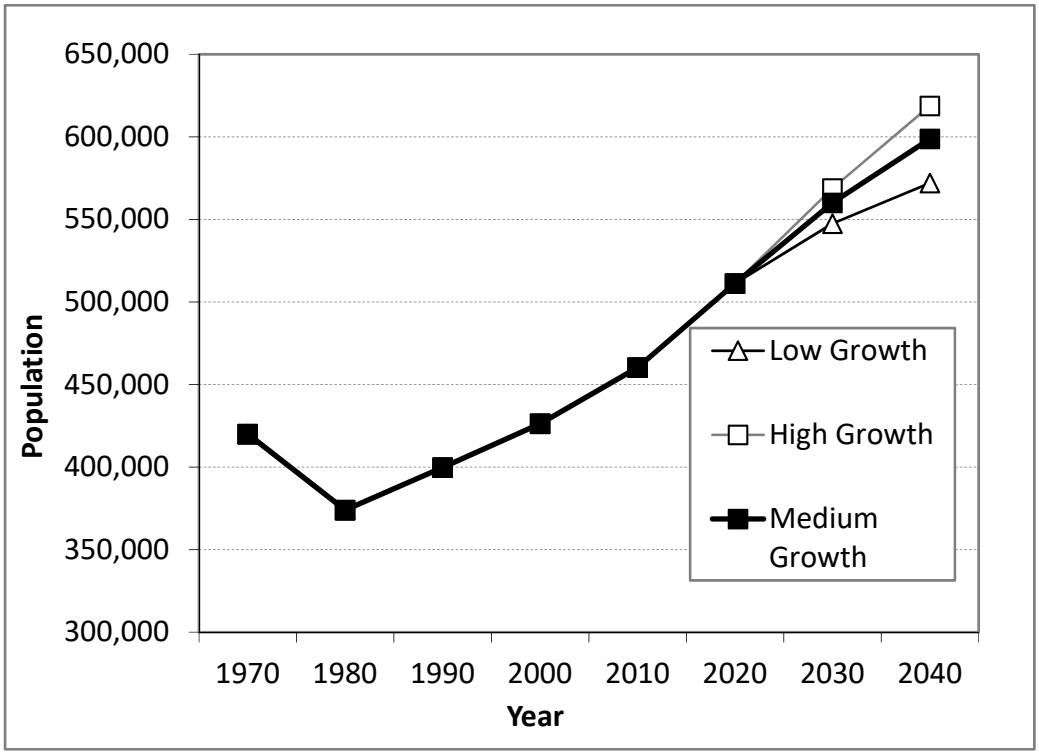
the middle series would be consistent with an increase of about 61,000 households within PPS between 2010 and 2030.

The scenarios begin to diverge in the 2020s. The low series includes population growth of 36,200 (seven percent) in the 2020s, before slowing to 24,600 (four percent) in the 2030s. If future rates of household formation by age group remain at their 2010 levels, the low series would be consistent with an increase of about 55,000 households within PPS between 2010 and 2030.

In the high series, population growth of 57,500 (11 percent) occurs in the 2020s, before slowing to 50,000 (nine percent) in the 2030s. If future rates of household formation by age group remain at their 2010 levels, the high series would be consistent with an increase of about 65,000 households within PPS between 2010 and 2030.

The total population forecast under each scenario is illustrated in Figure 22. 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 about 511,000 in 2020. Growth continues under all three scenarios. By 2040, the District's population is about 572,000 in the low forecast, 599,000 in the middle forecast, and 619,000 in the high forecast.

Figure 22 Total Population, PPS District, 1970 to 2040



Scenario	1970	1980	1990	2000	2010
Low	420,004	374,000	399,758	426,240	460,248
Middle	420,004	374,000	399,758	426,240	460,248
High	420,004	374,000	399,758	426,240	460,248

Scenario	2020	2030	2040
Low	511,215	547,451	572,013
Middle	511,215	560,010	598,766
High	511,215	568,731	618,756

District-wide Middle Series Enrollment Forecast

In the middle series, 2021-22 K-12 enrollment rebounds to 48,649 in 2021-22, gaining more than 1,700 students from the 2020-21 pandemic year. Enrollment then falls for several years, reaching a low of 45,518 in 2029-30. By the end of the 15-year forecast in 2035-36, enrollment is 46,869 — close to its 2020-21 level, but nearly 1,800 students below its pre-pandemic 2019-20 level.

Although the middle series elementary enrollment forecast of 22,944 in 2021-22 is about 1,100 students greater than in 2020-21, that brief recovery is wiped out within a few years by the longer trend of smaller K-5th grade classes. The 2021-22 forecast of 22,944 is a decline of over 600 students from 2019-20, and net losses in elementary grades continue for several more years. K-5 enrollment reaches a low of 20,928 in 2027-28, as incoming kindergarten classes remain below recent levels due to the local, state, and national birth downturn. Kindergarten class sizes begin to grow in 2025 in the middle series forecast; overall K-5 enrollments will begin to grow in 2028-29, ending the 15-year forecast period with 23,843 students in 2035-36, a few hundred students more than their pre-pandemic 2019-20 level.

In middle grades, a net gain of about 100 students between 2020-21 and 2021-22 in the middle series forecast reverses a net loss of similar magnitude between 2019-20 and 2020-21; 6th-8th grade enrollment of 11,118 in 2021-22 is just 14 students lower than in 2019-20. After 2021-22, smaller cohorts resulting from the birth downturn enter middle school, driving enrollment down to a low of 9,370 in 2031-32. Growth in the last few years of the forecast results in a 2035-36 forecast of 10,206, about 900 students below the pre-pandemic 2019-20 level.

High school grades did not suffer a net loss in 2020-21, and the 2021-22 middle series forecast of 14,587 in 9th-12th grade represents a more than 600 student gain from 2019-20. Growth continues for a few more years, reaching a peak of 15,168 in 2024-25, before steadily declining throughout the remainder of the forecast horizon. High school grades enrollment of 12,820 in 2035-36 is over 1,100 smaller than in pre-pandemic 2019-20.

District-wide Low Series Enrollment Forecast

In the low series, K-12 enrollment rebounds to 48,300 in 2021-22, falling 353 students short of the 2019-20 total. Over the 10-year period following 2021-22, PPS K-12 enrollment suffers a net loss of over 4,000 students, reaching a low of 44,195 in 2031-32.

Modest growth during the last few years of the forecast results in a 2035-36 forecast of 44,850.

Elementary grades add about 900 students between 2020-21 and 2021-22 in the low series forecast, recovering more than half of the enrollment loss of the pandemic year and reaching a total of 22,734, over 800 students below 2019-20 enrollment. Losses resume after 2021-22; the net loss of over 2,300 K-5 students in six years results in a low of 20,417 in 2027-28. Growth occurs throughout the remainder of the forecast period, and elementary grades enroll 22,862 in 2035-36, about 700 students below the pre-pandemic 2019-20 total.

Middle grades never rebound to their 2019-20 enrollment level in the 15-year horizon of the low series forecast. After reaching a low of 9,056 in 2031-32, growth in the last four years results in a 2035-36 forecast of 9,707 students in grades 6-8, about 1,400 fewer than in 2019-20. High school enrollments continue their recent growth streak until reaching a peak of 15,011 in 2024-25 before steadily declining throughout the remainder of the forecast period, ending with 9^{th}-12^{th} grade enrollment of 12,281 in 2035-36, about 1,700 fewer students than in 2019-20.

District-wide High Series Enrollment Forecast

In the high series, K-12 enrollment of 48,951 in 2021-22 is about 2,000 greater than in 2020-21, surpassing the 2019-20 pre-pandemic total by about 500 students. As in the low and middle series, enrollment falls after 2021-22, though the losses aren't as steep. The low of 46,752 in 2029-30 is about 1,900 students fewer than in 2019-20. A strong enrollment rebound in the final years of the forecast period results in 2035-36 enrollment of 48,993, close to the 2021-22 level and 340 students greater than in 2019-20.

Elementary enrollment of 23,090 in 2021-22 reflects a roughly 1,250 recovery from 2020-21, but remains nearly 500 students below the 2019-20 level. Losses of an additional 1,700 K-5 students occur over the six-year period from 2021-22 to 2027-28, followed by

growth that results in a forecast of 24,800 students in 2035-36, 1,239 greater than in 2019-20.

Middle grades enrollment of 11,164 in 2021-22 exceeds 2019-20 by about 30 students. However, the number of 6th-8th grade students remains below its 2021-22 level for the remainder of the forecast period. After a low enrollment of 9,683 in 2031-32, four years of growth result in a 2035-26 forecast of 10,590, more than 500 students fewer than the 2019-20 pre-pandemic total. Enrollment in high school grades peaks at 15,414 in 2024-25 in the high series forecast, but declines steadily thereafter, reaching 13,603 in 2035-36, about 350 students fewer than in 2019-20.

Enrollment forecasts in five-year increments based on these three district-wide forecast scenarios are summarized in Figure 23. Five years of history are included in the table for comparison. Detailed forecasts by year and by individual grade are in Appendix A.

Figure 23 PPS District-Wide Forecasts by Grade Level

MIDDLE Series

Cohort Change	Historic 2015-16	Historic 2020-21*	Forecast 2025-26	Forecast 2030-31	Forecast 2035-36
Grades K-5	24,607	21,836	21,309	21,889	23,843
5 year change	N/a	-2,771	-527	580	1,954
Grades 6-8	10,747	11,017	10,557	9,530	10,206
5 year change	N/a	270	-460	-1,027	676
Grades 9-12	12,798	14,084	14,990	14,184	12,820
5 year change	N/a	1,286	906	-806	-1,364
Total K-12	**48,152**	**46,937**	**46,856**	**45,603**	**46,869**
5 year change	**N/a**	**-1,215**	**-81**	**-1,253**	**1,266**

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

*Enrollment impacted by distance learning during COVID-19 pandemic.

LOW Series

Cohort Change	Historic 2015-16	Historic 2020-21*	Forecast 2025-26	Forecast 2030-31	Forecast 2035-36
Grades K-5	24,607	21,836	20,884	21,177	22,862
5 year change	N/a	-2,771	-952	293	1,685
Grades 6-8	10,747	11,017	10,390	9,238	9,707
5 year change	N/a	270	-627	-1,152	469
Grades 9-12	12,798	14,084	14,804	13,809	12,281
5 year change	N/a	1,286	720	-995	-1,528
Total K-12	**48,152**	**46,937**	**46,078**	**44,224**	**44,850**
5 year change	**N/a**	**-1,215**	**-859**	**-1,854**	**626**

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

*Enrollment impacted by distance learning during COVID-19 pandemic.

HIGH Series

Cohort Change	Historic 2015-16	Historic 2020-21*	Forecast 2025-26	Forecast 2030-31	Forecast 2035-36
Grades K-5	24,607	21,836	21,701	22,466	24,800
5 year change	N/a	-2,771	-135	765	2,334
Grades 6-8	10,747	11,017	10,710	9,832	10,590
5 year change	N/a	270	-307	-878	758
Grades 9-12	12,798	14,084	15,266	14,721	13,603
5 year change	N/a	1,286	1,182	-545	-1,118
Total K-12	**48,152**	**46,937**	**47,677**	**47,019**	**48,993**
5 year change	**N/a**	**-1,215**	**740**	**-658**	**1,974**

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

*Enrollment impacted by distance learning during COVID-19 pandemic.

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 HSCLs. The HSCL kindergarten forecasts utilize a combination of two methods: 1) ratios of resident kindergarten students to corresponding births and 2) 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. Residential capacity from the City of Portland's Comprehensive Plan update and the affordable housing data included in Figure 14 guided the distribution of future growth. The sum of HSCL resident forecasts and the out-of-district resident forecast matches the district-wide middle series forecast.

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 an aging population, low fertility rates, and an increasing share of smaller housing units associated with changing demand and limited land supply. Details of the number and geographic distribution of 11 housing types depicted in the Comprehensive Plan's *Growth Scenarios Report* guided the final adjustments of GPRs as well as HSCL shares of district-wide births and kindergarten to birth ratios.[11]

Resident Enrollment Forecasts by High School Cluster: Results

Because 2020-21 enrollments were impacted by distance learning during the COVID-19 pandemic, results in this narrative are compared to the pre-pandemic enrollment

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

observed in fall 2019. Several HSCLs are forecast to see K-12 enrollment figures in 2021-22 that slightly exceed 2019-20 totals. These include Frankin, Grant, Jefferson-McDaniel, Jefferson-Roosevelt, and Wells. However, only the Jefferson-McDaniel and Jefferson-Roosevelt HSCLs are expected to experience a net gain of K-12 PPS residents over the 16-year period ending in 2035-36. Jefferson-McDaniel increases by 98 students while Jefferson-Roosevelt increases by 127 students. The Grant HSCL experiences a relatively small loss of 20 students, and Wells has 164 fewer K-12 residents in 2035-36 than in 2019-20. The remaining HSCLs are each forecast to have net declines of more than 200 students between 2019-20 and 2035-36. These losses occur at Cleveland (-261), Franklin (-382), Jefferson-Grant (-206), Lincoln (-206), McDaniel (-497), and Roosevelt (-432). For most of these HSCLs, the 2035-36 totals reflect a slight K-12 enrollment increase from their lowest figures occurring in or near the 2029-30 school year. Reflecting district-wide trends influenced by the decline in births, elementary grades in each HSCL generally experience their largest net losses in the first half of the forecast period, while middle and high school grades experience greater decline after 2027-28.

Figure 24 presents summaries of the resident forecasts for high school clusters for 2025-26, 2030-35, and 2035-36. Forecasts of PPS students by the HSCL in which they reside are detailed by year and by grade level group (K-5, 6-8, 9-12) in Appendix Table B1.

Figure 24 PPS Forecast K-12 Enrollment by High School Cluster of Residence

HS Cluster[1]	2019-20 Actual	2025-26 Forecast	2030-31 Forecast	2035-36 Forecast	2019 to 2035 Absolute Change	2019 to 2035 Percent Change	2019 to 2035 Average Annual Absolute Change	2019 to 2035 Average Annual Percent Change
Cleveland	7,111	6,736	6,592	6,850	-261	-4%	-16	-0.2%
Franklin	8,126	7,782	7,565	7,744	-382	-5%	-24	-0.3%
Grant	3,471	3,504	3,383	3,451	-20	-1%	-1	0.0%
Jeff-Grant[2]	3,047	2,762	2,743	2,841	-206	-7%	-13	-0.4%
Jeff-McDaniel[2]	1,988	2,155	2,096	2,086	98	5%	6	0.3%
Jeff-Roosevelt[2]	3,091	3,160	3,141	3,218	127	4%	8	0.3%
Lincoln	3,882	3,629	3,524	3,676	-206	-5%	-13	-0.3%
McDaniel	5,803	5,356	5,157	5,306	-497	-9%	-31	-0.6%
Roosevelt	4,064	3,790	3,556	3,632	-432	-11%	-27	-0.7%
Wells	6,814	6,686	6,459	6,650	-164	-2%	-10	-0.2%
Out of District	1,256	1,296	1,387	1,415	159	13%	10	0.7%
PPS Total	**48,653**	**46,856**	**45,603**	**46,869**	**-1,784**	**-4%**	**-112**	**-0.2%**

1. For all years, students are counted by 2021-22 cluster boundaries.
2. Jefferson Dual Assignment Zones.

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 relied upon to establish trends in kindergarten enrollment and grade progressions. Kindergarten forecasts are based on historic shares of HSCL kindergarten residents, adjusted based on expected housing growth among ESAAs within each cluster. For residents in grades 1 to 12, initial GPRs are based on a weighted average of the three years ending in 2019-20, 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.

Unique to the current forecasts are projections of what enrollments might have been in 2020-21 had the COVID-19 pandemic not impacted enrollment. These incorporate historic trends through 2019-20, but also use actual 2020-21 enrollment when appropriate. The 2021-22 forecasts are incremented from these hypothetical 2020-21 figures, under the assumption that most families who chose other schooling options during the pandemic will return to PPS schools in fall 2021.

Because middle school attendance areas (MSAAs) are composed of one or more ESAAs, the resident forecasts for MSAAs are simply the sum of component ESAA forecasts. High school attendance area (HSAA) forecasts are also the sum of ESAA forecasts, although the Jefferson-McDaniel 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, with portions assigned to either the West Sylvan or Gray MSAAs and the Lincoln or Wells HSAAs.

Resident Enrollment Forecasts by Attendance Area: Results

Resident forecasts by attendance area are detailed in Appendix Tables B2 to B6 for the relevant grade levels. That is, K-5th grade for ESAAs, 6th-8th grade for MSAAs, and 9th-12th

grade for HSAAs. Forecasts are tabulated for each year from 2021-22 to 2030-31, a 10-year horizon rather than the 15-year horizon of the HSCL and district-wide forecasts. The history and forecasts in Tables B2 to B6 are tabulated by 2021-22 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 as the attendance area resident forecasts for each HSCL.

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. For example, the number of area residents at a school can't exceed the number of 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.[12]

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

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

9th grade instead of kindergarten. Some high schools have more than one resident enrollment component, due to past boundary changes or dual assignment zones.

Language immersion programs are forecast separately from the neighborhood programs with which they share facilities. At the elementary level methodologies are the same as for the neighborhood programs and neighborhood schools; each program has assumptions for kindergarten capture rates and incoming kindergarten non-residents. For secondary schools the methodologies differ somewhat; forecasts of incoming grades rely more heavily on the number of immersion students at feeder schools than on capture rates or historic non-resident enrollment. Several immersion programs are still expanding, adding one more grade each year. We observed that immersion programs generally suffered less enrollment loss than neighborhood programs during the 2020-21 pandemic year.

The forecasts for eight schools and programs that do not have a neighborhood boundary also use grade progression models similar to the non-resident component of 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 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 2021-22 boundaries and grade configurations for all neighborhood schools throughout the 10-year forecast horizon. School capacities do not constrain the forecasts.

Similar to the district-wide model and HSCL and attendance area models, we prepared projections of what enrollments might have been in 2020-21 had the COVID-19 pandemic not impacted enrollment, using historic trends through 2019-20 as well as actual 2020-21 enrollment as additional guidance.

It is likely that some changes to current boundaries and grade configurations will occur following the 2021-22 school year, as a multi-year process is underway to balance student enrollment and programs across the district. Notably, the Southeast Guiding Coalition is currently charged with making recommendations regarding attendance area and special program assignments for Harrison Park Middle School, a plan to relocate K-5 students and programs currently served at Harrison Park, and a plan to increase enrollment at Lane Middle School.[13] Changes such as these are not incorporated in enrollment forecasts until after they are adopted by the Board of Education. More information about Enrollment and Program Balancing is on the District's website.[14]

Appendix C includes annual enrollment forecasts 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). Enrollments are stable at most of the non-neighborhood schools, with similar numbers of students at each grade year after year. 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.

[13] Launch meeting for Southeast Guiding Coalition Phase 2, May 27, 2021.

[14] Enrollment and Program Balancing information is at https://www.pps.net/Page/13615.

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 22nd consecutive year that PRC has conducted enrollment forecasts for PPS. Figure 25 compares the middle series K-12 forecasts from each of the past 10 years with the actual K-12 enrollments through 2020-21. The "base year" indicates the most recent actual enrollment that PRC researchers used when they prepared the forecasts.

The 2010-11 column in Figure 25 shows how accuracy can vary over the course of a forecast. In the first few years enrollment grew faster than predicted, thus the K-12 forecasts were below actual enrollments. By 2018-19, slower growth caused actual enrollment to fall below the 2010-11 forecast. The faster growth observed during the 2012-13 to 2015-16 school years resulted in increased expectations of growth, therefore those forecasts exhibited larger errors for 2019-20 enrollment, when compared with the 2010-11 and 2011-12 series. As enrollment began to slow, downward adjustments were made, beginning with the 2016-17 base year.

The bottom row in Figure 25 showing the percentage difference between actual and forecast 2020-21 enrollment includes the unexpected impact of the COVID-19 pandemic.

Figure 25 District-Wide Forecast Accuracy

K-12 Enrollment Forecasts by Base Year[2]

School Year	Actual Enroll.[1]	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16	'16-'17	'17-'18	'18-'19	'19-'20
2010-11	45,741	-	-	-	-	-	-	-	-	-	-
2011-12	46,206	45,979	-	-	-	-	-	-	-	-	-
2012-13	46,517	46,451	46,661	-	-	-	-	-	-	-	-
2013-14	47,127	46,766	46,901	46,980	-	-	-	-	-	-	-
2014-15	47,579	47,325	47,268	47,544	47,617	-	-	-	-	-	-
2015-16	48,152	47,732	47,847	48,265	48,187	48,164	-	-	-	-	-
2016-17	48,309	48,269	48,266	48,816	48,850	48,790	48,802	-	-	-	-
2017-18	48,684	48,624	48,706	49,272	49,421	49,331	49,388	48,877	-	-	-
2018-19	48,708	49,164	49,138	49,682	49,967	49,875	50,009	49,336	49,093	-	-
2019-20	48,653	49,544	49,581	50,195	50,479	50,377	50,490	49,861	49,576	48,956	-
2020-21	46,937	49,885	49,805	50,620	50,873	50,816	50,919	50,203	49,987	49,260	48,767

Percentage Error in K-12 Enrollment Forecasts by Base Year[2]

School Year	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16	'16-'17	'17-'18	'18-'19	'19-'20
2011-12	-0.5%	-	-	-	-	-	-	-	-	-
2012-13	-0.1%	0.3%	-	-	-	-	-	-	-	-
2013-14	-0.8%	-0.5%	-0.3%	-	-	-	-	-	-	-
2014-15	-0.5%	-0.7%	-0.1%	0.1%	-	-	-	-	-	-
2015-16	-0.9%	-0.6%	0.2%	0.1%	0.0%	-	-	-	-	-
2016-17	-0.1%	-0.1%	1.0%	1.1%	1.0%	1.0%	-	-	-	-
2017-18	-0.1%	0.0%	1.2%	1.5%	1.3%	1.4%	0.4%	-	-	-
2018-19	0.9%	0.9%	2.0%	2.6%	2.4%	2.7%	1.3%	0.8%	-	-
2019-20	1.8%	1.9%	3.2%	3.8%	3.5%	3.8%	2.5%	1.9%	0.6%	-
2020-21	6.3%	6.1%	7.8%	8.4%	8.3%	8.5%	7.0%	6.5%	4.9%	3.9%

1. Excludes pre-kindergarten.
2. Middle series.

APPENDIX A

DISTRICT-WIDE ENROLLMENT FORECASTS

2021-22 to 2035-36

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Portland Public Schools, Long Range Enrollment Forecasts, 2021-22 to 2035-36

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

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	**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**	**2032-33**	**2033-34**	**2034-35**	**2035-36**
K	3,899	3,874	3,245	3,766	3,623	3,459	3,360	3,441	3,535	3,625	3,711	3,797	3,875	3,932	3,972	4,013	4,054	4,093
1	3,916	3,930	3,696	3,848	3,809	3,665	3,504	3,404	3,486	3,582	3,672	3,758	3,845	3,924	3,981	4,021	4,062	4,103
2	4,040	3,861	3,738	3,868	3,814	3,776	3,633	3,474	3,375	3,456	3,551	3,640	3,729	3,815	3,894	3,950	3,990	4,030
3	4,011	3,972	3,646	3,835	3,829	3,776	3,738	3,597	3,440	3,342	3,422	3,516	3,609	3,697	3,782	3,861	3,916	3,956
4	4,051	3,961	3,747	3,764	3,798	3,793	3,740	3,703	3,563	3,408	3,311	3,390	3,486	3,578	3,666	3,750	3,828	3,882
5	4,036	3,963	3,764	3,863	3,715	3,749	3,742	3,690	3,653	3,515	3,362	3,266	3,345	3,440	3,531	3,619	3,702	3,779
6	3,844	3,797	3,614	3,709	3,678	3,540	3,571	3,557	3,507	3,472	3,339	3,192	3,100	3,176	3,267	3,354	3,439	3,518
7	3,619	3,811	3,665	3,712	3,671	3,640	3,503	3,534	3,520	3,471	3,436	3,304	3,157	3,066	3,141	3,231	3,317	3,402
8	3,500	3,524	3,738	3,697	3,674	3,633	3,601	3,466	3,496	3,484	3,436	3,401	3,273	3,128	3,038	3,112	3,201	3,286
9	3,500	3,463	3,442	3,729	3,678	3,649	3,608	3,579	3,446	3,475	3,460	3,412	3,380	3,252	3,107	3,017	3,091	3,180
10	3,354	3,472	3,473	3,489	3,734	3,677	3,647	3,606	3,582	3,448	3,477	3,467	3,420	3,388	3,261	3,116	3,027	3,100
11	3,234	3,299	3,439	3,434	3,476	3,723	3,660	3,636	3,595	3,570	3,435	3,465	3,449	3,402	3,371	3,245	3,102	3,014
12	3,704	3,726	3,730	3,935	3,917	3,966	4,253	4,169	4,143	4,097	4,066	3,910	3,935	3,918	3,864	3,830	3,687	3,526
Total	48,708	48,653	46,937	48,649	48,416	48,046	47,560	46,856	46,341	45,945	45,678	45,518	45,603	45,716	45,875	46,119	46,416	46,869
K-2	11,855	11,665	10,679	11,482	11,246	10,900	10,497	10,319	10,396	10,663	10,934	11,195	11,449	11,671	11,847	11,984	12,106	12,226
3-5	12,098	11,896	11,157	11,462	11,342	11,318	11,220	10,990	10,656	10,265	10,095	10,172	10,440	10,715	10,979	11,230	11,446	11,617
6-8	10,963	11,132	11,017	11,118	11,023	10,813	10,675	10,557	10,523	10,427	10,211	9,897	9,530	9,370	9,446	9,697	9,957	10,206
9-12	13,792	13,960	14,084	14,587	14,805	15,015	15,168	14,990	14,766	14,590	14,438	14,254	14,184	13,960	13,603	13,208	12,907	12,820
K-12	48,708	48,653	46,937	48,649	48,416	48,046	47,560	46,856	46,341	45,945	45,678	45,518	45,603	45,716	45,875	46,119	46,416	46,869

**Enrollment impacted by distance learning during COVID-19 pandemic.*

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *March 2021*

Portland Public Schools, Long Range Enrollment Forecasts, 2021-22 to 2035-36

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

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	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	2032-33	2033-34	2034-35	2035-36
K	3,899	3,874	3,245	3,718	3,571	3,406	3,308	3,380	3,451	3,533	3,610	3,686	3,757	3,808	3,842	3,877	3,912	3,945
1	3,916	3,930	3,696	3,792	3,751	3,612	3,437	3,339	3,411	3,483	3,566	3,642	3,720	3,791	3,842	3,876	3,911	3,946
2	4,040	3,861	3,738	3,828	3,751	3,710	3,573	3,400	3,303	3,375	3,446	3,528	3,604	3,681	3,751	3,801	3,835	3,869
3	4,011	3,972	3,646	3,812	3,783	3,707	3,667	3,531	3,361	3,265	3,336	3,406	3,486	3,561	3,637	3,706	3,755	3,789
4	4,051	3,961	3,747	3,744	3,769	3,741	3,666	3,626	3,492	3,324	3,229	3,299	3,366	3,445	3,519	3,594	3,662	3,711
5	4,036	3,963	3,764	3,840	3,687	3,712	3,682	3,608	3,569	3,437	3,271	3,177	3,244	3,310	3,388	3,461	3,535	3,602
6	3,844	3,797	3,614	3,683	3,646	3,503	3,525	3,490	3,419	3,382	3,255	3,097	3,005	3,069	3,132	3,206	3,276	3,347
7	3,619	3,811	3,665	3,688	3,639	3,602	3,461	3,483	3,448	3,378	3,342	3,216	3,058	2,967	3,030	3,092	3,165	3,234
8	3,500	3,524	3,738	3,676	3,643	3,595	3,556	3,417	3,439	3,407	3,338	3,302	3,175	3,020	2,931	2,993	3,054	3,126
9	3,500	3,463	3,442	3,708	3,651	3,612	3,565	3,529	3,391	3,412	3,377	3,309	3,271	3,144	2,990	2,901	2,963	3,023
10	3,354	3,472	3,473	3,473	3,710	3,647	3,607	3,560	3,529	3,390	3,412	3,381	3,311	3,273	3,147	2,994	2,905	2,967
11	3,234	3,299	3,439	3,420	3,456	3,694	3,625	3,591	3,544	3,513	3,373	3,396	3,367	3,298	3,260	3,135	2,984	2,895
12	3,704	3,726	3,730	3,918	3,896	3,939	4,214	4,124	4,087	4,034	3,996	3,835	3,860	3,828	3,750	3,708	3,566	3,396
Total	48,708	48,653	46,937	48,300	47,953	47,480	46,886	46,078	45,444	44,933	44,551	44,274	44,224	44,195	44,219	44,344	44,523	44,850
K-2	11,855	11,665	10,679	11,338	11,073	10,728	10,318	10,119	10,165	10,391	10,622	10,856	11,081	11,280	11,435	11,554	11,658	11,760
3-5	12,098	11,896	11,157	11,396	11,239	11,160	11,015	10,765	10,422	10,026	9,836	9,882	10,096	10,316	10,544	10,761	10,952	11,102
6-8	10,963	11,132	11,017	11,047	10,928	10,700	10,542	10,390	10,306	10,167	9,935	9,615	9,238	9,056	9,093	9,291	9,495	9,707
9-12	13,792	13,960	14,084	14,519	14,713	14,892	15,011	14,804	14,551	14,349	14,158	13,921	13,809	13,543	13,147	12,738	12,418	12,281
K-12	48,708	48,653	46,937	48,300	47,953	47,480	46,886	46,078	45,444	44,933	44,551	44,274	44,224	44,195	44,219	44,344	44,523	44,850

**Enrollment impacted by distance learning during COVID-19 pandemic.*

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *March 2021*

Portland Public Schools, Long Range Enrollment Forecasts, 2021-22 to 2035-36

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

	Historic Enrollment			---- Forecast Enrollment ----														
Grade	**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**	**2032-33**	**2033-34**	**2034-35**	**2035-36**
K	3,899	3,874	3,245	3,794	3,660	3,501	3,406	3,493	3,592	3,689	3,782	3,876	3,970	4,042	4,097	4,154	4,210	4,263
1	3,916	3,930	3,696	3,878	3,852	3,716	3,559	3,464	3,552	3,653	3,751	3,845	3,941	4,036	4,108	4,165	4,221	4,279
2	4,040	3,861	3,738	3,896	3,857	3,831	3,696	3,540	3,446	3,533	3,633	3,731	3,824	3,920	4,014	4,085	4,142	4,198
3	4,011	3,972	3,646	3,859	3,868	3,830	3,804	3,670	3,515	3,422	3,508	3,607	3,706	3,799	3,894	3,987	4,058	4,114
4	4,051	3,961	3,747	3,785	3,831	3,840	3,803	3,777	3,644	3,490	3,398	3,483	3,583	3,682	3,774	3,868	3,960	4,031
5	4,036	3,963	3,764	3,878	3,741	3,787	3,794	3,757	3,732	3,600	3,447	3,356	3,442	3,541	3,639	3,731	3,824	3,915
6	3,844	3,797	3,614	3,720	3,698	3,570	3,613	3,612	3,577	3,553	3,426	3,279	3,191	3,274	3,369	3,463	3,552	3,641
7	3,619	3,811	3,665	3,726	3,691	3,669	3,542	3,584	3,584	3,549	3,525	3,399	3,253	3,166	3,248	3,343	3,436	3,524
8	3,500	3,524	3,738	3,718	3,699	3,664	3,640	3,514	3,556	3,558	3,523	3,500	3,388	3,243	3,156	3,238	3,332	3,425
9	3,500	3,463	3,442	3,755	3,714	3,689	3,654	3,633	3,508	3,549	3,548	3,513	3,508	3,396	3,250	3,162	3,244	3,339
10	3,354	3,472	3,473	3,520	3,778	3,731	3,705	3,670	3,654	3,527	3,569	3,572	3,552	3,547	3,435	3,288	3,199	3,282
11	3,234	3,299	3,439	3,462	3,518	3,778	3,726	3,705	3,670	3,653	3,524	3,567	3,580	3,560	3,555	3,443	3,297	3,208
12	3,704	3,726	3,730	3,960	3,961	4,027	4,329	4,258	4,235	4,195	4,173	4,024	4,081	4,096	4,074	4,068	3,941	3,774
Total	48,708	48,653	46,937	48,951	48,868	48,633	48,271	47,677	47,265	46,971	46,807	46,752	47,019	47,302	47,613	47,995	48,416	48,993
K-2	11,855	11,665	10,679	11,568	11,369	11,048	10,661	10,497	10,590	10,875	11,166	11,452	11,735	11,998	12,219	12,404	12,573	12,740
3-5	12,098	11,896	11,157	11,522	11,440	11,457	11,401	11,204	10,891	10,512	10,353	10,446	10,731	11,022	11,307	11,586	11,842	12,060
6-8	10,963	11,132	11,017	11,164	11,088	10,903	10,795	10,710	10,717	10,660	10,474	10,178	9,832	9,683	9,773	10,044	10,320	10,590
9-12	13,792	13,960	14,084	14,697	14,971	15,225	15,414	15,266	15,067	14,924	14,814	14,676	14,721	14,599	14,314	13,961	13,681	13,603
K-12	48,708	48,653	46,937	48,951	48,868	48,633	48,271	47,677	47,265	46,971	46,807	46,752	47,019	47,302	47,613	47,995	48,416	48,993

**Enrollment impacted by distance learning during COVID-19 pandemic.*

Sources: Portland Public Schools, historic enrollment; Population Research Center, PSU, enrollment forecasts. *March 2021*

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APPENDIX B

ENROLLMENT FORECASTS BY HIGH SCHOOL CLUSTER RESIDING

2021-22 to 2035-36

ENROLLMENT FORECASTS BY ATTENDANCE AREA RESIDING

2021-22 to 2030-31

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

1. *Based on 2021-22 elementary attendance area boundaries within each cluster.*
2. *Based on 2021-22 elementary attendance area boundaries.*
3. *Based on 2021-22 K-8 and middle school attendance area boundaries.*
4. *Based on 2021-22 high school attendance area boundaries.*

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Table B1

PPS Residents Forecast by Cluster and Grade Level, 2021-22 to 2035-36

Cluster[1]	Actual 2019-20	Actual 2020-21[2]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	Change 2019-20 to 2035-36 Number	Change 2019-20 to 2035-36 Percent
Cleveland Cluster																			
K-5	3,549	3,274	3,445	3,383	3,300	3,237	3,154	3,140	3,125	3,145	3,217	3,300	3,381	3,451	3,514	3,567	3,617	18	*1%*
6-8	1,664	1,634	1,633	1,619	1,624	1,593	1,595	1,550	1,542	1,490	1,450	1,396	1,374	1,403	1,442	1,483	1,520	-181	*-11%*
9-12	1,898	1,963	1,976	1,963	1,992	2,001	1,987	1,972	1,964	1,962	1,926	1,896	1,875	1,790	1,756	1,721	1,713	-177	*-9%*
Total	**7,111**	**6,871**	**7,054**	**6,965**	**6,916**	**6,831**	**6,736**	**6,662**	**6,631**	**6,597**	**6,593**	**6,592**	**6,630**	**6,644**	**6,712**	**6,771**	**6,850**	**-340**	***-5%***
Franklin Cluster																			
K-5	3,858	3,693	3,812	3,769	3,637	3,502	3,460	3,379	3,370	3,373	3,459	3,577	3,658	3,733	3,800	3,861	3,910	3	*0%*
6-8	1,872	1,868	1,867	1,823	1,850	1,827	1,795	1,804	1,767	1,763	1,641	1,561	1,524	1,566	1,637	1,678	1,721	-194	*-10%*
9-12	2,396	2,435	2,545	2,575	2,531	2,570	2,527	2,486	2,512	2,453	2,477	2,427	2,387	2,311	2,175	2,144	2,113	-252	*-11%*
Total	**8,126**	**7,996**	**8,224**	**8,167**	**8,018**	**7,899**	**7,782**	**7,669**	**7,649**	**7,589**	**7,577**	**7,565**	**7,569**	**7,610**	**7,612**	**7,683**	**7,744**	**-443**	***-5%***
Grant Cluster																			
K-5	1,653	1,512	1,597	1,527	1,516	1,466	1,450	1,437	1,423	1,462	1,478	1,502	1,535	1,560	1,582	1,596	1,607	-57	*-3%*
6-8	836	849	861	865	844	866	833	826	789	753	741	721	740	740	750	778	799	-58	*-7%*
9-12	982	1,044	1,161	1,194	1,203	1,235	1,221	1,201	1,219	1,191	1,156	1,160	1,070	1,059	1,047	1,014	1,045	32	*3%*
Total	**3,471**	**3,405**	**3,619**	**3,586**	**3,563**	**3,567**	**3,504**	**3,464**	**3,431**	**3,406**	**3,375**	**3,383**	**3,345**	**3,359**	**3,379**	**3,388**	**3,451**	**-83**	***-2%***
Jefferson/Grant Cluster																			
K-5	1,457	1,348	1,424	1,391	1,353	1,328	1,299	1,284	1,288	1,313	1,346	1,382	1,412	1,441	1,458	1,470	1,480	13	*1%*
6-8	632	620	608	598	591	585	587	582	582	555	529	515	520	533	551	569	586	-63	*-10%*
9-12	958	953	968	969	915	904	876	879	851	862	867	846	835	809	776	766	775	-192	*-20%*
Total	**3,047**	**2,921**	**3,000**	**2,958**	**2,859**	**2,817**	**2,762**	**2,745**	**2,721**	**2,730**	**2,742**	**2,743**	**2,767**	**2,783**	**2,785**	**2,805**	**2,841**	**-242**	***-8%***
Jefferson/McDaniel Cluster																			
K-5	1,085	1,033	1,091	1,068	1,047	1,034	1,027	1,015	1,015	1,012	1,011	1,025	1,044	1,059	1,068	1,076	1,077	-9	*-1%*
6-8	445	468	453	463	487	514	515	497	472	456	458	454	443	431	435	445	456	0	*0%*
9-12	458	480	531	556	567	602	613	618	642	662	643	617	597	577	565	562	553	104	*23%*
Total	**1,988**	**1,981**	**2,075**	**2,087**	**2,101**	**2,150**	**2,155**	**2,130**	**2,129**	**2,130**	**2,112**	**2,096**	**2,084**	**2,067**	**2,068**	**2,083**	**2,086**	**95**	***5%***
Jefferson/Roosevelt Cluster																			
K-5	1,621	1,527	1,663	1,675	1,664	1,610	1,558	1,538	1,507	1,511	1,525	1,565	1,603	1,639	1,677	1,712	1,743	91	*6%*
6-8	678	661	677	663	676	699	727	724	729	702	689	641	628	623	639	652	670	-26	*-4%*
9-12	792	818	837	861	867	868	875	867	885	910	921	935	916	881	857	817	805	25	*3%*
Total	**3,091**	**3,006**	**3,177**	**3,199**	**3,207**	**3,177**	**3,160**	**3,129**	**3,121**	**3,123**	**3,135**	**3,141**	**3,147**	**3,143**	**3,173**	**3,181**	**3,218**	**90**	***3%***

Forecast: Population Research Center, Portland State University, April 2021.

Table B1 (continued)

PPS Residents Forecast by Cluster and Grade Level, 2021-22 to 2035-36

	Actual																Change 2019-20 to 2035-36	
Cluster[1]	2019-20	2020-21[2]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	Number	Percent
Lincoln Cluster																			
K-5	1,680	1,457	1,602	1,574	1,569	1,554	1,537	1,535	1,521	1,536	1,538	1,561	1,601	1,636	1,668	1,696	1,724	16	*1%*
6-8	848	811	844	863	813	805	768	756	761	754	768	752	747	732	734	756	771	-92	*-11%*
9-12	1,354	1,281	1,315	1,316	1,344	1,329	1,324	1,319	1,265	1,252	1,205	1,211	1,190	1,210	1,213	1,172	1,181	-182	*-13%*
Total	**3,882**	**3,549**	**3,761**	**3,753**	**3,726**	**3,688**	**3,629**	**3,610**	**3,547**	**3,542**	**3,511**	**3,524**	**3,538**	**3,578**	**3,615**	**3,624**	**3,676**	**-258**	***-7%***
McDaniel Cluster																			
K-5	2,830	2,630	2,704	2,668	2,610	2,556	2,482	2,439	2,435	2,450	2,519	2,585	2,645	2,701	2,748	2,790	2,827	-40	*-1%*
6-8	1,395	1,337	1,346	1,296	1,244	1,197	1,225	1,239	1,225	1,171	1,098	1,059	1,039	1,071	1,108	1,139	1,172	-256	*-18%*
9-12	1,578	1,604	1,608	1,628	1,700	1,721	1,649	1,597	1,547	1,527	1,528	1,513	1,500	1,413	1,349	1,324	1,307	-254	*-16%*
Total	**5,803**	**5,571**	**5,658**	**5,592**	**5,554**	**5,474**	**5,356**	**5,275**	**5,207**	**5,148**	**5,145**	**5,157**	**5,184**	**5,185**	**5,205**	**5,253**	**5,306**	**-550**	***-9%***
Roosevelt Cluster																			
K-5	1,898	1,732	1,805	1,772	1,751	1,698	1,675	1,658	1,636	1,631	1,646	1,680	1,721	1,758	1,792	1,821	1,846	-77	*-4%*
6-8	953	949	931	894	848	840	796	785	776	785	776	744	717	711	721	738	760	-215	*-23%*
9-12	1,213	1,237	1,285	1,360	1,340	1,320	1,319	1,246	1,211	1,180	1,130	1,132	1,105	1,103	1,090	1,052	1,026	-161	*-13%*
Total	**4,064**	**3,918**	**4,021**	**4,026**	**3,939**	**3,858**	**3,790**	**3,689**	**3,623**	**3,596**	**3,552**	**3,556**	**3,543**	**3,572**	**3,603**	**3,611**	**3,632**	**-453**	***-11%***
Wells Cluster																			
K-5	3,280	2,965	3,151	3,089	3,065	3,001	2,936	2,896	2,877	2,865	2,897	2,981	3,055	3,117	3,176	3,232	3,281	-48	*-1%*
6-8	1,605	1,576	1,674	1,696	1,614	1,545	1,498	1,520	1,525	1,523	1,488	1,428	1,379	1,377	1,421	1,460	1,492	-145	*-9%*
9-12	1,929	1,884	1,995	2,045	2,193	2,237	2,252	2,213	2,139	2,085	2,037	2,050	2,060	2,025	1,955	1,910	1,877	-19	*-1%*
Total	**6,814**	**6,425**	**6,820**	**6,830**	**6,872**	**6,783**	**6,686**	**6,629**	**6,541**	**6,473**	**6,422**	**6,459**	**6,494**	**6,519**	**6,552**	**6,602**	**6,650**	**-212**	***-3%***
Out of District																			
K-5	650	665	650	672	706	731	731	731	731	731	731	731	731	731	731	731	731	81	*12%*
6-8	204	244	224	243	222	204	218	240	259	259	259	259	259	259	259	259	259	55	*27%*
9-12	402	385	366	338	363	381	347	368	355	354	364	397	425	425	425	425	425	23	*6%*
Total	**1,256**	**1,294**	**1,240**	**1,253**	**1,291**	**1,316**	**1,296**	**1,339**	**1,345**	**1,344**	**1,354**	**1,387**	**1,415**	**1,415**	**1,415**	**1,415**	**1,415**	**159**	***13%***
Total	**48,653**	**46,937**	**48,649**	**48,416**	**48,046**	**47,560**	**46,856**	**46,341**	**45,945**	**45,678**	**45,518**	**45,603**	**45,716**	**45,875**	**46,119**	**46,416**	**46,869**	**-2,237**	***-5%***

1. Historical data reflects 2021-22 clusters. Clusters are composed of whole elementary areas and may differ from high school attendance areas reported in Table B6.

2. Enrollment impacted by distance learning during COVID-19 pandemic.

Forecast: Population Research Center, Portland State University, April 2021.

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History			Forecast >									
		2018-19	2019-20	2020-21*	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	283	276	240	266	256	251	242	237	243	250	255	262	267
CLE	Buckman	121	115	122	126	132	129	123	120	122	126	131	136	141
CLE	Duniway	256	270	252	261	248	240	231	227	232	238	244	248	251
CLE	Grout	265	243	217	221	221	226	227	228	232	237	241	246	249
CLE	Lewis	213	201	182	188	185	181	178	177	180	184	187	191	194
CLE	Llewellyn	240	261	217	246	234	227	215	208	212	220	229	236	244
CLE	Whitman	173	168	133	155	151	146	140	137	139	143	147	152	157
CLE	Woodstock	222	244	216	247	225	214	200	193	198	203	212	217	225
FRA	Arleta	227	234	218	217	216	201	191	186	190	199	204	209	212
FRA	Atkinson	159	147	141	152	164	148	137	132	134	141	145	149	152
FRA	Bridger	208	199	193	200	194	181	172	169	174	180	183	186	191
FRA	Creston	165	190	174	185	171	156	148	145	150	158	162	166	170
FRA	Glencoe	329	342	293	300	301	285	276	273	278	288	295	303	310
FRA	Kelly	201	200	198	210	204	194	184	178	182	189	193	197	202
FRA	Lent	168	157	143	155	160	149	141	138	142	148	151	155	159
FRA	Marysville	183	173	172	176	171	157	149	144	148	155	158	162	166
FRA	Sunnyside	146	126	130	138	142	131	126	123	129	136	139	141	143
FRA	Woodmere	197	176	158	170	171	158	146	143	148	156	161	166	173
GRA	Alameda	353	332	288	313	306	304	298	306	303	303	310	318	326
GRA	Beverly Cleary	199	185	172	175	167	163	156	161	164	169	176	180	183
GRA	Laurelhurst	256	260	241	246	230	228	221	226	226	228	234	239	244
JEF/GRA	Boise-Eliot-Humboldt	204	211	213	233	220	214	204	203	205	211	217	222	227
JEF/GRA	Irvington	187	178	161	170	152	144	141	139	143	149	155	160	162
JEF/GRA	King	134	137	116	133	133	124	121	124	127	131	134	137	139
JEF/GRA	Sabin	245	221	190	198	193	184	178	183	189	197	201	206	210
JEF/MCD	Faubion	292	293	258	277	272	269	275	275	267	269	275	281	285
JEF/MCD	Vernon	270	275	251	241	231	236	237	235	230	232	237	243	248
JEF/ROO	Beach	202	207	176	205	196	199	187	183	183	189	193	198	203
JEF/ROO	Chief Joseph	208	233	212	237	215	212	196	190	187	195	199	204	209
JEF/ROO	Peninsula	201	191	177	196	202	197	184	180	180	185	191	195	199
JEF/ROO	Woodlawn	234	239	220	232	230	226	209	204	201	206	211	217	223

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades K-2 Attendance Area	< History 2018-19	2019-20	2020-21*	Forecast > 2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	237	248	218	251	253	257	254	253	249	250	257	262	265
LIN	Chapman	255	285	237	275	269	275	271	268	262	261	269	276	285
LIN	Forest Park	222	187	177	177	176	176	171	169	164	164	168	173	181
LIN	Skyline	79	66	55	67	76	75	71	68	66	67	69	71	72
MCD	Harrison Park	305	288	259	276	269	261	255	256	263	271	279	287	293
MCD	Lee	194	184	182	206	197	178	171	168	175	181	186	190	194
MCD	Rigler	245	244	220	238	230	229	223	217	223	230	236	241	246
MCD	Rose City Park	217	230	231	235	219	192	180	176	182	188	194	201	206
MCD	Scott	240	254	241	263	247	232	223	217	222	228	233	238	242
MCD	Vestal	213	215	193	199	188	179	178	180	185	190	195	200	204
ROO	Astor	171	151	130	146	153	154	147	140	137	137	140	143	148
ROO	Cesar Chavez	137	118	111	122	117	114	109	106	105	107	109	112	116
ROO	James John	245	236	207	220	230	228	217	212	210	211	216	223	229
ROO	Rosa Parks	210	185	179	180	186	182	174	166	164	168	173	176	179
ROO	Sitton	233	240	206	233	229	225	216	207	208	212	218	223	229
WEL	Bridlemile	252	248	222	242	248	247	238	230	228	232	236	240	246
WEL	Capitol Hill	247	233	212	240	232	224	214	206	206	214	222	230	237
WEL	Hayhurst	242	222	211	237	232	228	221	213	211	216	221	225	232
WEL	Maplewood	232	221	208	223	219	212	203	195	193	197	202	207	212
WEL	Markham	284	268	257	268	275	265	251	241	241	249	256	261	267
WEL	Rieke	198	191	176	194	189	181	172	166	167	173	179	183	187
WEL	Stephenson	173	178	166	175	173	166	159	152	151	156	160	165	169
Grade K-2 residing in PPS		11,572	11,376	10,372	11,136	10,900	10,554	10,151	9,973	10,050	10,317	10,588	10,849	11,103
Grade K-2 residing outside PPS		283	289	307	346	346	346	346	346	346	346	346	346	346
Grade K-2 Totals		**11,855**	**11,665**	**10,679**	**11,482**	**11,246**	**10,900**	**10,497**	**10,319**	**10,396**	**10,663**	**10,934**	**11,195**	**11,449**

**Enrollment impacted by distance learning during COVID-19 pandemic.*

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >									
		2018-19	2019-20	2020-21*	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	313	296	277	279	272	270	265	257	249	240	236	240	247
CLE	Buckman	140	121	116	110	105	114	114	121	119	114	113	116	121
CLE	Duniway	289	287	262	283	291	282	278	266	256	246	242	247	253
CLE	Grout	244	261	261	254	236	225	227	226	226	223	224	226	230
CLE	Lewis	187	208	198	203	190	187	184	181	175	171	170	173	177
CLE	Llewellyn	240	245	238	247	257	246	244	232	226	215	207	212	220
CLE	Whitman	158	151	142	145	144	133	134	131	128	123	121	123	126
CLE	Woodstock	210	202	201	214	236	229	235	213	203	192	186	192	198
FRA	Arleta	208	209	204	223	225	227	210	210	196	186	182	185	194
FRA	Atkinson	165	154	148	150	142	144	140	152	141	133	130	132	139
FRA	Bridger	182	202	203	210	201	202	197	192	181	173	171	176	182
FRA	Creston	162	143	164	169	183	175	174	162	149	141	139	144	151
FRA	Glencoe	338	338	335	341	336	318	304	307	289	276	265	270	280
FRA	Kelly	218	189	175	175	182	187	191	185	175	166	161	164	171
FRA	Lent	183	168	173	165	151	143	149	154	144	137	133	136	142
FRA	Marysville	173	155	166	174	171	179	171	166	154	148	145	150	157
FRA	Sunnyside	173	179	148	140	129	137	139	143	132	126	125	132	140
FRA	Woodmere	178	177	157	162	155	165	157	158	143	134	131	136	143
GRA	Alameda	403	393	351	366	341	336	327	320	316	307	315	312	315
GRA	Beverly Cleary	225	239	203	223	206	214	196	186	183	177	183	185	190
GRA	Laurelhurst	235	244	257	274	277	271	268	251	245	239	244	244	244
JEF/GRA	Boise-Eliot-Humboldt	199	196	179	197	208	217	223	210	208	200	200	202	208
JEF/GRA	Irvington	180	166	166	169	173	173	167	151	141	137	137	142	149
JEF/GRA	King	125	117	122	122	120	112	116	116	108	105	107	110	115
JEF/GRA	Sabin	244	231	201	202	192	185	178	173	163	158	162	167	172
JEF/MCD	Faubion	226	257	275	296	292	276	285	288	287	285	276	268	272
JEF/MCD	Vernon	259	260	249	277	273	266	237	229	231	229	224	219	220
JEF/ROO	Beach	195	190	183	187	196	194	196	183	180	170	167	167	173
JEF/ROO	Chief Joseph	193	172	177	180	201	197	210	191	187	171	166	164	169
JEF/ROO	Peninsula	171	178	171	201	201	205	202	203	199	186	184	184	188
JEF/ROO	Woodlawn	234	211	211	225	234	234	226	224	221	205	200	196	201

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades 3-5 Attendance Area	< History			Forecast >									
		2018-19	2019-20	2020-21*	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	241	253	244	265	268	261	264	258	262	257	255	253	254
LIN	Chapman	319	302	255	274	280	279	275	266	274	272	269	262	260
LIN	Forest Park	226	247	204	222	189	187	184	181	183	178	176	172	174
LIN	Skyline	99	92	67	71	63	59	64	74	75	72	73	69	70
MCD	Harrison Park	336	321	279	273	266	258	258	257	245	237	235	243	252
MCD	Lee	221	193	180	162	164	174	181	175	162	157	153	158	163
MCD	Rigler	275	259	233	228	241	247	242	227	219	212	206	211	216
MCD	Rose City Park	208	205	209	214	226	235	222	209	185	175	172	179	187
MCD	Scott	264	238	228	219	237	237	245	229	214	206	201	207	214
MCD	Vestal	187	199	175	191	184	188	178	171	164	160	160	164	168
ROO	Astor	177	165	156	154	128	124	127	133	133	129	124	121	122
ROO	Cesar Chavez	137	125	112	116	115	115	118	114	112	106	102	102	103
ROO	James John	232	228	200	211	206	208	201	205	200	193	187	185	186
ROO	Rosa Parks	223	228	217	206	188	187	177	184	185	178	172	170	174
ROO	Sitton	233	222	214	217	220	214	212	208	204	195	190	191	194
WEL	Bridlemile	295	293	248	255	248	241	241	245	250	243	233	231	237
WEL	Capitol Hill	233	238	191	220	219	230	230	223	217	206	198	199	209
WEL	Hayhurst	244	268	246	237	223	230	234	230	226	219	211	209	214
WEL	Maplewood	226	239	210	221	213	222	214	211	205	197	191	189	193
WEL	Markham	303	275	268	270	262	261	264	272	262	249	239	239	247
WEL	Rieke	210	216	189	198	190	188	195	188	180	172	168	170	176
WEL	Stephenson	193	190	161	171	166	170	165	164	159	154	149	149	155
Grade 3-5 residing in PPS		11,732	11,535	10,799	11,158	11,016	10,958	10,835	10,605	10,271	9,880	9,710	9,787	10,055
Grade 3-5 residing outside PPS		366	361	358	304	326	360	385	385	385	385	385	385	385
Grade 3-5 Totals		**12,098**	**11,896**	**11,157**	**11,462**	**11,342**	**11,318**	**11,220**	**10,990**	**10,656**	**10,265**	**10,095**	**10,172**	**10,440**

**Enrollment impacted by distance learning during COVID-19 pandemic.*

PSU Population Research Center, April 2021

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >									
		2018-19	2019-20	2020-21*	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Abernethy	596	572	517	545	528	521	507	494	492	490	491	502	514
CLE	Buckman	261	236	238	236	237	243	237	241	241	240	244	252	262
CLE	Duniway	545	557	514	544	539	522	509	493	488	484	486	495	504
CLE	Grout	509	504	478	475	457	451	454	454	458	460	465	472	479
CLE	Lewis	400	409	380	391	375	368	362	358	355	355	357	364	371
CLE	Llewellyn	480	506	455	493	491	473	459	440	438	435	436	448	464
CLE	Whitman	331	319	275	300	295	279	274	268	267	266	268	275	283
CLE	Woodstock	432	446	417	461	461	443	435	406	401	395	398	409	423
FRA	Arleta	435	443	422	440	441	428	401	396	386	385	386	394	406
FRA	Atkinson	324	301	289	302	306	292	277	284	275	274	275	281	291
FRA	Bridger	390	401	396	410	395	383	369	361	355	353	354	362	373
FRA	Creston	327	333	338	354	354	331	322	307	299	299	301	310	321
FRA	Glencoe	667	680	628	641	637	603	580	580	567	564	560	573	590
FRA	Kelly	419	389	373	385	386	381	375	363	357	355	354	361	373
FRA	Lent	351	325	316	320	311	292	290	292	286	285	284	291	301
FRA	Marysville	356	328	338	350	342	336	320	310	302	303	303	312	323
FRA	Sunnyside	319	305	278	278	271	268	265	266	261	262	264	273	283
FRA	Woodmere	375	353	315	332	326	323	303	301	291	290	292	302	316
GRA	Alameda	756	725	639	679	647	640	625	626	619	610	625	630	641
GRA	Beverly Cleary	424	424	375	398	373	377	352	347	347	346	359	365	373
GRA	Laurelhurst	491	504	498	520	507	499	489	477	471	467	478	483	488
JEF/GRA	Boise-Eliot-Humboldt	403	407	392	430	428	431	427	413	413	411	417	424	435
JEF/GRA	Irvington	367	344	327	339	325	317	308	290	284	286	292	302	311
JEF/GRA	King	259	254	238	255	253	236	237	240	235	236	241	247	254
JEF/GRA	Sabin	489	452	391	400	385	369	356	356	352	355	363	373	382
JEF/MCD	Faubion	518	550	533	573	564	545	560	563	554	554	551	549	557
JEF/MCD	Vernon	529	535	500	518	504	502	474	464	461	461	461	462	468
JEF/ROO	Beach	397	397	359	392	392	393	383	366	363	359	360	365	376
JEF/ROO	Chief Joseph	401	405	389	417	416	409	406	381	374	366	365	368	378
JEF/ROO	Peninsula	372	369	348	397	403	402	386	383	379	371	375	379	387
JEF/ROO	Woodlawn	468	450	431	457	464	460	435	428	422	411	411	413	424

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PSU Population Research Center, April 2021

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades K-5 Attendance Area	< History			Forecast >									
		2018-19	2019-20	2020-21*	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
LIN	Ainsworth	478	501	462	516	521	518	518	511	511	507	512	515	519
LIN	Chapman	574	587	492	549	549	554	546	534	536	533	538	538	545
LIN	Forest Park	448	434	381	399	365	363	355	350	347	342	344	345	355
LIN	Skyline	178	158	122	138	139	134	135	142	141	139	142	140	142
MCD	Harrison Park	641	609	538	549	535	519	513	513	508	508	514	530	545
MCD	Lee	415	377	362	368	361	352	352	343	337	338	339	348	357
MCD	Rigler	520	503	453	466	471	476	465	444	442	442	442	452	462
MCD	Rose City Park	425	435	440	449	445	427	402	385	367	363	366	380	393
MCD	Scott	504	492	469	482	484	469	468	446	436	434	434	445	456
MCD	Vestal	400	414	368	390	372	367	356	351	349	350	355	364	372
ROO	Astor	348	316	286	300	281	278	274	273	270	266	264	264	270
ROO	Cesar Chavez	274	243	223	238	232	229	227	220	217	213	211	214	219
ROO	James John	477	464	407	431	436	436	418	417	410	404	403	408	415
ROO	Rosa Parks	433	413	396	386	374	369	351	350	349	346	345	346	353
ROO	Sitton	466	462	420	450	449	439	428	415	412	407	408	414	423
WEL	Bridlemile	547	541	470	497	496	488	479	475	478	475	469	471	483
WEL	Capitol Hill	480	471	403	460	451	454	444	429	423	420	420	429	446
WEL	Hayhurst	486	490	457	474	455	458	455	443	437	435	432	434	446
WEL	Maplewood	458	460	418	444	432	434	417	406	398	394	393	396	405
WEL	Markham	587	543	525	538	537	526	515	513	503	498	495	500	514
WEL	Rieke	408	407	365	392	379	369	367	354	347	345	347	353	363
WEL	Stephenson	366	368	327	346	339	336	324	316	310	310	309	314	324
Grade K-5 residing in PPS		23,304	22,911	21,171	22,294	21,916	21,512	20,986	20,578	20,321	20,197	20,298	20,636	21,158
Grade K-5 residing outside PPS		649	650	665	650	672	706	731	731	731	731	731	731	731
Grade K-5 Totals		**23,953**	**23,561**	**21,836**	**22,944**	**22,588**	**22,218**	**21,717**	**21,309**	**21,052**	**20,928**	**21,029**	**21,367**	**21,889**

**Enrollment impacted by distance learning during COVID-19 pandemic.*

PSU Population Research Center, April 2021

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

H.S. Clust.	Grades 6-8 Attendance Area	< History 2018-19	2019-20	2020-21*	Forecast > 2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
CLE	Hosford Middle 6-8	776	812	824	819	802	802	789	783	770	769	745	728	701
CLE	Sellwood Middle 6-8	714	691	660	678	692	700	685	693	670	661	636	616	594
FRA	Kellogg Middle 6-8	648	686	671	699	676	723	723	725	724	708	698	649	619
FRA	Lane Middle 6-8	542	525	498	472	438	422	412	412	421	417	407	382	360
FRA	Mt. Tabor Middle 6-8	546	525	531	495	476	485	483	469	449	432	447	418	399
FRA	Sunnyside K-8	132	139	162	167	162	139	126	116	123	124	127	116	110
GRA	Beaumont Middle 6-8	613	627	613	639	632	600	593	576	568	549	523	512	497
GRA	Beverly Cleary K-8	229	239	247	241	247	222	231	217	224	203	193	190	185
GRA	Laurelhurst K-8	233	235	245	242	247	267	282	286	274	269	254	249	242
JEF/GRA	Harriet Tubman Middle 6-8	699	632	620	608	598	591	585	587	582	582	555	529	515
JEF/MCD	Faubion K-8	197	224	250	224	235	258	270	274	264	263	259	259	258
JEF/MCD	Vernon K-8	193	221	218	229	228	229	244	241	233	209	197	199	196
JEF/ROO	Ockley Green Middle 6-8	662	678	661	677	663	676	699	727	724	729	702	689	641
LIN	Skyline K-8	85	93	84	99	91	79	70	63	60	64	72	74	71
LIN	Sylvan Middle 6-8	868	865	831	858	879	854	845	813	793	791	775	788	772
MCD	Harrison Park K-8	440	455	454	461	472	465	439	424	423	425	417	396	381
MCD	Roseway Hts Middle 6-8	809	833	783	794	759	737	720	747	773	766	730	674	649
ROO	Astor K-8	141	148	140	146	143	143	138	114	109	111	118	119	115
ROO	Cesar Chavez K-8	164	166	155	135	117	111	112	119	114	115	108	105	100
ROO	George Middle 6-8	634	639	654	650	634	594	590	563	562	550	559	552	529
WEL	Gray Middle 6-8	583	631	592	641	655	616	570	544	549	563	560	552	532
WEL	Jackson Middle 6-8	821	864	880	920	934	878	865	846	874	868	870	842	805
Grade 6-8 residing in PPS		10,729	10,928	10,773	10,894	10,780	10,591	10,471	10,339	10,283	10,168	9,952	9,638	9,271
Grade 6-8 residing outside PPS		234	204	244	224	243	222	204	218	240	259	259	259	259
Grade 6-8 Totals		**10,963**	**11,132**	**11,017**	**11,118**	**11,023**	**10,813**	**10,675**	**10,557**	**10,523**	**10,427**	**10,211**	**9,897**	**9,530**

**Enrollment impacted by distance learning during COVID-19 pandemic.*

PSU Population Research Center, April 2021

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

(students attending all PPS schools tabulated by the 2021-22 attendance area boundary in which they reside)

Grades 9-12 Attendance Area	< History			Forecast >									
	2018-19	2019-20	2020-21[1]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Cleveland	1,958	1,898	1,963	1,976	1,963	1,992	2,001	1,987	1,972	1,964	1,962	1,926	1,896
Franklin	2,311	2,396	2,435	2,545	2,575	2,531	2,570	2,527	2,486	2,512	2,453	2,477	2,427
Grant total	1,750	1,940	1,997	2,129	2,163	2,118	2,139	2,097	2,080	2,070	2,053	2,023	2,006
Grant	*879*	*982*	*1,044*	*1,161*	*1,194*	*1,203*	*1,235*	*1,221*	*1,201*	*1,219*	*1,191*	*1,156*	*1,160*
Jefferson-Grant[2]	*871*	*958*	*953*	*968*	*969*	*915*	*904*	*876*	*879*	*851*	*862*	*867*	*846*
Jefferson total	2,070	2,208	2,251	2,336	2,386	2,349	2,374	2,364	2,364	2,378	2,434	2,431	2,398
Jefferson-Grant[2]	*871*	*958*	*953*	*968*	*969*	*915*	*904*	*876*	*879*	*851*	*862*	*867*	*846*
Jefferson-McDaniel[2]	*293*	*322*	*337*	*380*	*400*	*409*	*442*	*448*	*444*	*475*	*482*	*461*	*459*
Jefferson-Roosevelt[2]	*906*	*928*	*961*	*988*	*1,017*	*1,025*	*1,028*	*1,040*	*1,041*	*1,052*	*1,090*	*1,103*	*1,093*
Lincoln	1,566	1,518	1,455	1,484	1,492	1,517	1,517	1,513	1,502	1,457	1,429	1,373	1,370
McDaniel total	1,971	1,900	1,941	1,988	2,028	2,109	2,163	2,097	2,041	2,022	2,009	1,989	1,972
McDaniel	*1,678*	*1,578*	*1,604*	*1,608*	*1,628*	*1,700*	*1,721*	*1,649*	*1,597*	*1,547*	*1,527*	*1,528*	*1,513*
Jefferson-McDaniel[2]	*293*	*322*	*337*	*380*	*400*	*409*	*442*	*448*	*444*	*475*	*482*	*461*	*459*
Roosevelt total	2,016	2,141	2,198	2,273	2,377	2,365	2,348	2,359	2,287	2,263	2,270	2,233	2,225
Roosevelt	*1,110*	*1,213*	*1,237*	*1,285*	*1,360*	*1,340*	*1,320*	*1,319*	*1,246*	*1,211*	*1,180*	*1,130*	*1,132*
Jefferson-Roosevelt[2]	*906*	*928*	*961*	*988*	*1,017*	*1,025*	*1,028*	*1,040*	*1,041*	*1,052*	*1,090*	*1,103*	*1,093*
Wells	1,799	1,765	1,710	1,826	1,869	2,020	2,049	2,063	2,030	1,947	1,908	1,869	1,891
Grade 9-12 residing in PPS	13,371	13,558	13,699	14,221	14,467	14,652	14,787	14,643	14,398	14,235	14,084	13,890	13,787
Grade 9-12 residing outside PPS	421	402	385	366	338	363	381	347	368	355	354	364	397
Grade 9-12 Totals	**13,792**	**13,960**	**14,084**	**14,587**	**14,805**	**15,015**	**15,168**	**14,990**	**14,766**	**14,590**	**14,438**	**14,254**	**14,184**

1. Enrollment impacted by distance learning during COVID-19 pandemic.

2. Note: Dual Assignment Zone.

PSU Population Research Center, April 2021

APPENDIX C

ENROLLMENT FORECASTS BY SCHOOL

2021-22 to 2030-31

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

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Table C. K-12 Enrollment by School[1]

Name	School Program	Grade Range[2]	2018-19	2019-20	2020-21[3]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Abernethy		KG-5	520	507	451	470	463	456	434	423	420	418	418	428	441
Ainsworth	Spanish Immersion	KG-5	312	306	297	304	295	287	286	285	286	284	286	287	290
	Neighborhood Program	KG-5	313	338	297	323	328	328	337	331	325	321	325	327	331
	Total	KG-5	625	644	594	627	623	615	623	616	611	605	611	614	621
Alameda		KG-5	730	704	623	667	641	635	622	614	611	606	622	629	642
Arleta[4]		KG-5	490	526	485	343	335	334	306	290	287	287	287	295	304
Astor		KG-8	434	416	394	400	373	365	354	331	331	329	336	337	338
Atkinson	Spanish Immersion	KG-5	166	153	144	147	141	136	131	126	123	121	120	121	124
	Neighborhood Program	KG-5	253	238	246	249	249	237	224	228	219	217	218	221	227
	Total	KG-5	419	391	390	396	390	373	355	354	342	338	338	342	351
Beach	Spanish Immersion	KG-5	281	283	252	267	264	265	262	261	259	256	256	258	261
	Neighborhood Program	KG-5	147	153	130	143	149	149	140	131	129	128	130	135	139
	Total	KG-5	428	436	382	410	413	414	402	392	388	384	386	393	400
Beverly Cleary[4]		KG-8	782	742	692	678	631	604	584	563	571	558	565	567	573
Boise-Eliot/Humboldt[4]		KG-5	310	325	327	362	373	371	370	355	344	339	343	350	359
Bridger[4]	Spanish Immersion	KG-5	313	322	319	249	245	234	230	223	220	220	220	222	225
	Neighborhood Program	KG-5	191	194	195	129	118	119	116	115	109	107	106	109	112
	Total	KG-5	504	516	514	378	363	353	346	338	329	327	326	331	337
Bridlemile		KG-5	518	508	437	465	472	462	454	447	448	440	433	434	443
Buckman		KG-5	450	427	446	448	442	436	429	424	421	420	424	430	433
Capitol Hill		KG-5	443	416	346	380	371	375	366	351	343	341	342	348	357
César Chávez	Spanish Immersion	KG-8	291	319	308	324	309	308	300	298	292	288	288	288	289
	Neighborhood Program	KG-8	259	230	236	217	213	199	189	185	181	174	179	178	182
	Total	KG-8	550	549	544	541	522	507	489	483	473	462	467	466	471
Chapman		KG-5	484	484	375	436	436	451	460	458	462	457	460	460	473
Chief Joseph		KG-5	358	351	305	317	314	305	296	278	273	267	267	275	288
Creative Science		KG-8	466	468	450	453	449	450	452	452	452	454	459	459	458
Creston[4]		KG-5	361	375	385	265	261	248	240	225	220	219	220	227	235
Duniway		KG-5	504	512	468	489	475	462	451	437	430	425	433	451	468
Faubion		KG-8	679	701	697	720	721	712	740	722	699	687	686	691	697
Forest Park		KG-5	418	402	348	371	342	343	329	322	317	312	314	316	323
Glencoe		KG-5	451	449	395	419	411	395	382	375	373	375	376	386	398
Grout		KG-5	382	370	350	363	355	357	359	360	359	361	364	369	374
Harrison Park[4]	Mandarin Immersion	KG-5	67	80	84	114	130	139	149	148	147	146	147	150	151
	Neighborhood Program	KG-8	591	557	517	540	507	458	422	412	415	418	413	411	412
	Total	KG-8	658	637	601	654	637	597	571	560	562	564	560	561	563
Hayhurst		KG-5	390	396	380	394	375	369	358	348	344	338	336	337	347
Irvington[4]		KG-5	339	325	320	315	303	304	304	296	294	294	300	308	316

Table C. K-12 Enrollment by School (continued)[1]

Name	School Program	Grade Range[2]	2018-19	2019-20	2020-21[3]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
James John	Spanish Immersion	KG-5	110	127	125	126	118	116	114	112	108	107	107	107	109
	Neighborhood Program	KG-5	237	224	191	221	232	229	222	212	204	202	205	212	220
	Total	KG-5	347	351	316	347	350	345	336	324	312	309	312	319	329
Kelly	Russian Immersion	KG-5	212	224	176	203	208	217	214	214	213	213	213	214	215
	Neighborhood Program	KG-5	286	252	243	252	255	246	240	231	228	228	227	231	236
	Total	KG-5	498	476	419	455	463	463	454	445	441	441	440	445	451
Laurelhurst		KG-8	692	698	688	698	678	688	683	664	656	649	647	647	650
Lee[4]		KG-5	276	269	262	266	261	250	245	237	233	233	235	243	250
Lent[4]	Spanish Immersion	KG-5	209	202	207	134	132	128	120	123	114	115	116	117	120
	Neighborhood Program	KG-5	298	273	269	167	159	154	154	154	153	154	156	162	168
	Total	KG-5	507	475	476	301	291	282	274	277	267	269	272	279	288
Lewis		KG-5	390	410	368	401	389	380	373	358	351	351	352	357	365
Llewellyn		KG-5	484	509	460	491	487	467	445	428	427	426	431	446	466
Maplewood		KG-5	383	374	347	359	354	358	343	339	327	323	322	325	335
Markham		KG-5	445	430	416	428	432	431	433	435	424	419	417	423	433
Marysville[4]		KG-5	392	383	402	271	278	264	261	246	239	239	241	247	255
ML King Jr[4]	Mandarin Immersion	KG-5	155	166	181	196	200	197	193	191	190	188	189	191	194
	Neighborhood Program	KG-5	156	155	138	150	145	146	145	146	145	147	150	155	161
	Total	KG-5	311	321	319	346	345	343	338	337	335	335	339	346	355
Odyssey		KG-8	239	244	244	244	248	248	249	251	253	254	249	249	248
Peninsula		KG-5	267	265	237	276	268	265	251	249	246	242	244	248	257
Richmond		KG-5	632	627	600	609	603	596	601	599	599	599	599	599	600
Rieke		KG-5	379	368	329	366	356	349	346	339	328	323	321	326	336
Rigler[4]	Spanish Immersion	KG-5	308	307	268	276	274	266	260	240	242	243	247	256	265
Rosa Parks		KG-5	276	280	266	273	263	254	243	230	221	216	214	218	226
Rose City Park[4]	Vietnamese Immersion	KG-5	146	178	200	223	234	239	232	226	215	213	214	215	218
	Neighborhood Program	KG-5	386	360	329	343	340	317	294	282	271	262	261	270	279
	Total	KG-5	532	538	529	566	574	556	526	508	486	475	475	485	497
Sabin[4]		KG-5	452	418	360	368	359	354	335	335	335	339	347	358	368
Scott[4]	Spanish Immersion	KG-5	237	229	226	232	231	223	218	215	217	217	219	223	227
	Neighborhood Program	KG-5	222	256	234	245	253	248	247	240	237	231	228	236	242
	Total	KG-5	459	485	460	477	484	471	465	455	454	448	447	459	469
Sitton	Spanish Immersion	KG-5	129	136	133	131	130	129	123	118	118	115	113	114	117
	Neighborhood Program	KG-5	238	238	204	226	229	227	218	213	210	207	206	207	211
	Total	KG-5	367	374	337	357	359	356	341	331	328	322	319	321	328
Skyline		KG-8	274	248	181	212	210	204	197	197	195	201	209	212	213
Stephenson		KG-5	347	371	322	367	369	374	358	349	338	334	333	337	344

Table C. K-12 Enrollment by School (continued)[1]

Name	School Program	Grade Range[2]	2018-19	2019-20	2020-21[3]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Sunnyside Environmental		KG-8	581	549	522	522	507	481	471	451	430	416	421	418	419
Vernon		KG-8	545	607	569	611	597	602	583	570	566	561	549	555	563
Vestal		KG-5	272	249	228	236	228	225	211	205	203	204	208	219	227
Whitman		KG-5	238	220	185	210	207	192	194	189	186	184	186	193	200
Winterhaven		KG-8	321	299	291	292	286	283	285	284	284	284	284	283	281
Woodlawn		KG-5	335	308	315	332	334	326	305	298	292	286	289	293	304
Woodmere		KG-5	301	273	269	268	262	257	249	247	241	240	240	248	258
Woodstock	Mandarin Immersion	KG-5	314	312	284	307	303	297	292	288	286	286	287	290	296
	Neighborhood Program	KG-5	234	231	242	255	252	249	238	227	222	217	216	222	231
	Total	KG-5	548	543	526	562	555	546	530	515	508	503	503	512	527
Elementary Schools			**25,091**	**24,846**	**23,210**	**23,548**	**23,162**	**22,769**	**22,261**	**21,746**	**21,451**	**21,275**	**21,365**	**21,670**	**22,117**
Beaumont	Spanish Immersion	6-8	124	137	126	130	142	134	125	127	123	124	115	112	109
	Neighborhood Program	6-8	447	436	392	398	380	373	368	356	356	347	333	326	317
	Total	6-8	571	573	518	528	522	507	493	483	479	471	448	438	426
da Vinci		6-8	456	450	443	452	457	456	455	455	456	457	457	456	454
George	Spanish Immersion	6-7	0	0	36	74	104	99	95	89	87	86	87	84	79
	Neighborhood Program	6-8	421	438	396	359	324	304	304	295	293	291	295	288	274
	Total	6-8	421	438	432	433	428	403	399	384	380	377	382	372	353
Gray		6-8	542	566	509	548	554	531	488	465	470	481	476	468	452
Harriet Tubman[4]	Mandarin Immersion	6-8	0	13	26	42	48	58	70	76	78	79	81	81	81
	Neighborhood Program	6-8	491	417	417	395	405	394	384	385	377	374	359	346	336
	Total	6-8	491	430	443	437	453	452	454	461	455	453	440	427	417
Hosford	Mandarin Immersion	6-8	112	128	139	139	131	124	121	124	123	126	122	120	117
	Neighborhood Program	6-8	476	523	537	542	516	511	498	495	488	488	475	461	440
	Total	6-8	588	651	676	681	647	635	619	619	611	614	597	581	557
Jackson		6-8	746	793	803	830	855	793	782	764	787	782	781	758	725
Kellogg[4]	Spanish Immersion	6-8	0	0	0	157	165	161	153	155	151	150	149	145	142
	Neighborhood Program	6-8	0	0	0	563	547	565	571	572	573	558	552	515	491
	Total	6-8	0	0	0	720	712	726	724	727	724	708	701	660	633
Lane	Russian Immersion	6-8	53	47	49	51	50	43	46	55	59	57	55	54	53
	Neighborhood Program	6-8	380	385	367	355	330	320	309	308	312	311	303	283	266
	Total	6-8	433	432	416	406	380	363	355	363	371	368	358	337	319
Mt Tabor	Japanese Immersion	6-8	266	277	274	273	267	270	271	273	279	278	279	271	270
	Spanish Immersion	6-8	64	69	78	75	68	68	68	67	67	65	66	65	64
	Neighborhood Program	6-8	411	378	369	339	330	334	332	320	310	301	310	294	279
	Total	6-8	741	724	721	687	665	672	671	660	656	644	655	630	613
Ockley Green	Spanish Immersion	6-8	108	99	111	108	111	101	105	103	104	100	99	99	98
	Neighborhood Program	6-8	397	388	376	390	391	399	399	412	411	415	396	386	359
	Total	6-8	505	487	487	498	502	500	504	515	515	515	495	485	457

Table C. K-12 Enrollment by School (continued)[1]

Name	School Program	Grade Range[2]	2018-19	2019-20	2020-21[3]	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Roseway Heights[4]	Spanish Immersion	6-8	35	69	93	89	84	85	82	82	85	86	86	85	84
	Vietnamese Immersion	6-7	0	0	15	31	48	53	67	81	99	100	97	85	80
	Neighborhood Program	6-8	553	545	509	507	497	484	466	479	495	494	470	432	414
	Total	6-8	588	614	617	627	629	622	615	642	679	680	653	602	578
Sellwood		6-8	612	588	549	569	573	576	562	568	552	548	527	510	490
West Sylvan	Spanish Immersion	6-8	143	145	147	144	147	146	148	149	147	147	142	140	138
	Neighborhood Program	6-8	679	688	655	677	688	666	651	630	615	612	592	601	587
	Total	6-8	822	833	802	821	835	812	799	779	762	759	734	741	725
Middle Schools Subtotal			**7,516**	**7,579**	**7,416**	**8,237**	**8,212**	**8,048**	**7,920**	**7,885**	**7,897**	**7,857**	**7,704**	**7,465**	**7,199**
Benson		9-12	1035	1055	1005	975	966	980	1029	1057	1068	1068	1068	1067	1066
Cleveland	Mandarin Immersion	9-12	141	133	124	134	137	145	150	145	140	139	139	140	139
	Neighborhood Program	9-12	1510	1427	1457	1456	1431	1437	1455	1437	1414	1396	1388	1360	1341
	Total	9-12	1651	1560	1581	1590	1568	1582	1605	1582	1554	1535	1527	1500	1480
Franklin	Spanish Immersion	9-12	140	132	135	144	142	146	153	152	151	146	146	148	150
	Russian Immersion	9-12	23	35	39	46	51	52	51	51	49	49	49	50	50
	Neighborhood Program	9-12	1693	1769	1836	1870	1894	1853	1871	1822	1788	1786	1739	1751	1716
	Total	9-12	1856	1936	2010	2060	2087	2051	2075	2025	1988	1981	1934	1949	1916
Grant[4]	Japanese Immersion	9-12	208	224	264	279	276	275	261	244	237	236	235	235	236
	Neighborhood Program	9-12	1430	1589	1701	1778	1811	1787	1783	1741	1718	1703	1674	1646	1639
	Total	9-12	1638	1813	1965	2057	2087	2062	2044	1985	1955	1939	1909	1881	1875
Ida B. Wells[4]		9-12	1535	1558	1540	1640	1687	1786	1825	1849	1806	1756	1724	1683	1690
Jefferson		9-12	656	641	620	612	623	636	654	643	632	633	644	632	629
Leodis V. McDaniel[4]	Spanish Immersion	9-12	68	68	87	115	135	163	176	168	161	160	160	160	160
	Vietnamese Immersion	N/A	0	0	0	0	0	12	25	40	58	72	87	106	113
	Neighborhood Program	9-12	1089	1011	1086	1164	1176	1208	1213	1138	1083	1054	1041	1030	1012
	Total	9-12	1157	1079	1173	1279	1311	1383	1414	1346	1302	1286	1288	1296	1285
Lincoln	Spanish Immersion	9-12	165	159	163	166	165	168	167	160	164	165	167	166	166
	Neighborhood Program	9-12	1533	1429	1318	1345	1325	1391	1369	1349	1307	1265	1240	1203	1205
	Total	9-12	1698	1588	1481	1511	1490	1559	1536	1509	1471	1430	1407	1369	1371
Roosevelt	Spanish Immersion	9-12	127	179	218	236	229	237	253	272	296	295	294	293	293
	Neighborhood Program	9-12	867	1016	1074	1130	1204	1175	1165	1159	1112	1098	1088	1064	1065
	Total	9-12	994	1195	1292	1366	1433	1412	1418	1431	1408	1393	1382	1357	1358
High Schools Subtotal			**12,220**	**12,425**	**12,667**	**13,090**	**13,252**	**13,451**	**13,600**	**13,427**	**13,184**	**13,021**	**12,883**	**12,734**	**12,670**
ACCESS		1-8	297	300	318	314	304	304	304	304	304	304	304	303	301
Metro. Learning Center		K-12	404	390	377	391	394	398	406	407	405	404	404	402	401
Other Schools and Programs		K-12	3180	3113	2949	3069	3092	3076	3069	3087	3100	3084	3018	2944	2915
District Total			**48,708**	**48,653**	**46,937**	**48,649**	**48,416**	**48,046**	**47,560**	**46,856**	**46,341**	**45,945**	**45,678**	**45,518**	**45,603**

Table C. K-12 Enrollment by School Footnotes

1. Several elementary schools also have a pre-kindergarten (PK) program, not included in these enrollment figures.

2. Grade range for 2021-22; changes since 2018-19 described in school-specific footnotes below; immersion programs assumed to add one grade each year until they match the neighborhood program configuration.

3. Enrollment impacted by distance learning during COVID-19 pandemic.

4. Boundary or grade configuration change described in school-specific footnotes below.

Arleta: Effective 2021-22 Arleta will be reconfigured from K-8 to K-5.

Beverly Cleary: Effective 2018-19, boundary changes assigned portions of the Beverly Cleary catchment area to Irvington and to Rose City Park.

Boise-Eliot/Humboldt: Effective 2018-19, Boise-Eliot/Humboldt was reconfigured from K-8 to K-5.

Bridger: Effective 2021-22 Bridger will be reconfigured from K-8 to K-5.

Creston: Effective 2021-22 Creston will be reconfigured from K-8 to K-5.

Grant: Effective 2017-18, Grant moved to the Marshall location for construction and returned to the original site in 2019-20. Effective 2019-20 a boundary change assigned a portion of the Grant catchment area to Madison.

Harriet Tubman: Effective 2018-19, Harriet Tubman re-opened as a middle school, grades 6-8, with elementary school feeders Boise-Eliot/Humboldt, Irvington, ML King Jr.,and Sabin.

Harrison Park: Effective 2021-22 Bridger K-5 Neighborhood Program will become a feeder for Harrison Park grades 6-8.

Ida B. Wells: Formerly named Woodrow Wilson High School.

Irvington: Effective 2018-19 a boundary change assigned portions of the Beverly Cleary catchment area to Irvington and Irvington was reconfigured from K-8 to K-5.

Kellogg: Effective 2021-22, Kellogg will reopen as a middle school, grades 6-8, with elementary school feeders Arleta, Creston, Lent, Marysville, and the Bridger Spanish Program.

Lee: Effective 2018-19 boundary changes assigned a portion of the former Roseway Heights catchment area to Lee and a portion of the Lee catchment area to Rose City Park and Lee was reconfigured from K-8 to K-5.

Lent: Effective 2021-22 Lent will be reconfigured from K-8 to K-5.

Leodis V. McDaniel: Formerly James Madison High School. Effective 2019-20 a boundary change assigned a portion of the Grant catchment area to Madison. Effective 2019-20, Madison moved to the Marshall location for construction and will return to the original site in 2021-22.

Marysville: Effective 2021-22 Marysville will be reconfigured from K-8 to K-5.

ML King Jr: Effective 2018-19 ML King Jr. was reconfigured from K-8 to K-5.

Rigler: Effective 2018-19, neighborhood program moved to Scott.

Rose City Park: Effective 2018-19 boundary changes assigned portions of the Beverly Cleary, Lee, and former Roseway Heights catchment areas to Rose City Park, which opened as a K-5.

Roseway Heights: Effective 2018-19, Roseway Heights reopened as a middle school, grades 6-8, with elementary school feeders Lee, Rose City Park, Scott, and Vestal. Its former grades K-8 catchment area was assigned to Lee, Rose City Park, and Scott for grades K-5.

Sabin: Effective 2018-19 Sabin was reconfigured from K-8 to K-5.

Scott: Effective 2018-19 a boundary change assigned a portion of the former Roseway Heights catchment area to Scott, Scott was reconfigured from K-8 to K-5, and Rigler neighborhood programs moved to Scott.

PSU Population Research Center, April 2021

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APPENDIX D

ELEMENTARY SCHOOL ATTENDANCE AREAS

BY HIGH SCHOOL CLUSTER

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Table D. Elementary School Attendance Areas by High School Cluster, 2021-22

High School Cluster (HSCL)	Elementary School Attendance Area (ESAA)
Cleveland	Abernethy
	Buckman
	Duniway
	Grout
	Lewis
	Llewellyn
	Whitman
	Woodstock
Franklin	Arleta
	Atkinson
	Bridger
	Creston
	Glencoe
	Kelly
	Lent
	Marysville
	Sunnyside Environmental
	Woodmere
Grant	Alameda
	Beverly Cleary
	Laurelhurst
Jefferson-Grant	Boise-Eliot/Humboldt
	Irvington
	King
	Sabin
Jefferson-McDaniel	Faubion[1]
	Vernon
Jefferson-Roosevelt	Beach
	Chief Joseph
	Peninsula
	Woodlawn
Lincoln	Ainsworth
	Chapman
	Forest Park
	Skyline
McDaniel	Harrison Park
	Lee
	Rigler
	Rose City Park
	Scott
	Vestal
Roosevelt	Astor
	Cesar Chavez
	James John
	Rosa Parks
	Sitton
Wells	Bridlemile[2]
	Capitol Hill
	Hayhurst
	Maplewood
	Markham
	Rieke
	Stephenson

1. A portion of the Faubion ESAA is assigned to the Jefferson-Roosevelt High School Attendance Area.

2. A portion of the Bridlemile ESAA is assigned to the Lincoln High School Attendance Area.

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APPENDIX E

POPULATION, HOUSING, SOCIAL AND ECONOMIC PROFILE

PORTLAND PUBLIC SCHOOLS DISTRICT

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Population, Housing, Social and Economic Profile
Portland School District 1J, Oregon

	2010-2014			2015-2019			Compare
	Estimate	CV *	Margin of Error (+/-)	Estimate	CV *	Margin of Error (+/-)	Statistically Different?
POPULATION							
Total population	475,838		2,485	516,047		2,458	**
Percent under 18 years	*17.0%*		*0.2%*	*16.6%*		*0.2%*	**
Percent 65 years and over	*10.6%*		*0.1%*	*12.6%*		*0.2%*	**
Median age (years)	36.9		0.3	37.3		0.2	**
Percent white alone, non-Latino	*75.0%*		*0.5%*	*74.4%*		*0.5%*	
HOUSING							
Total housing units	221,455		756	238,933		1,034	**
Occupied housing units	208,996		1,288	223,574		1,413	**
Owner occupied	110,853		1,297	118,887		1,465	**
Percent owner-occupied	*53.0%*		*0.6%*	*53.2%*		*0.6%*	
Renter occupied	98,143		1,388	104,687		1,550	**
Vacant housing units***	12,459		1,042	15,359		1,088	**
Vacancy rate	*5.6%*		*0.5%*	*6.4%*		*0.5%*	**
Average household size	2.22		0.02	2.25		0.02	**
Renter households paying more than 30 percent of household income on rent plus utilities	*51.5%*		*1.1%*	*46.8%*		*1.1%*	**
SOCIAL							
Age 25+ with a bachelor's degree or higher	*51.3%*		*0.6%*	*57.6%*		*0.5%*	**
Foreign-born population	51,530		2,048	55,048		1,892	**
Percent foreign-born	*10.8%*		*0.4%*	*10.7%*		*0.4%*	
Age 5+ language other than English at home	68,009		2,373	72,563		2,491	**
Percent language other than English	*15.1%*		*0.5%*	*14.8%*		*0.5%*	
ECONOMIC							
Median household income (2019 dollars)	$61,536		$936	$76,328		$942	**
Per capita income (2019 dollars)	$39,358		$628	$46,021		$566	**
Percent of persons below poverty level	*16.3%*		*0.5%*	*12.2%*		*0.4%*	**

** Green, yellow, and red icons indicate the reliabilty 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 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.*

****** Indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.*

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.

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