



DATE: March 26, 2025

TO: Tumwater School District Board of Directors

FROM: Ben Rarick, Assistant Superintendent of Finance & Operations
Mel Murray, Director of Facilities

SUBJECT: Information for the Board
Enrollment Study & 2025-2035 Forecast – FLO Analytics

We engaged FLO Analytics to do a study of TSD enrollment history, housing trends and a forecast for the next ten years.

There are many data tables that contain good information that we would be happy to review with you at a future work session. The following are the highlights:

The ten-year TSD enrollment forecast is shown in **Figure 18**. Compared to other school districts that FLO has analyzed we are stable – not growing and not shrinking. Most districts FLO is working with have forecasts of lower enrollments in their future.

Figure 18 shows a Low, Middle and High scenario. The difference between them is contained in the housing information, Figures 6, 7, & 8.

Figure 6 is the past five years of new housing, 933 single-family homes and 490 multi-family homes along with the number of TSD students that currently live in them. Single-family includes duplexes; multi-family are triplex and larger. This comparison gives us our Student Generation Rate. For every 100 single-family house we have 55 students and for every 100 multi-family units we have eleven students. This rate has been about the same for the last seven years.

Figure 7 shows where new housing is currently being planned or being actively built. **Figure 8** gives the details on each of these housing developments including the school attendance zones. The Middle growth scenario assumes the future housing will be built at the same rate as in the last five years.

The Low growth scenario assumes a slower pace of building and the High scenario a faster pace of building.



Memorandum

To: Tumwater School District
Mel Murray
621 Linwood Avenue SW
Tumwater, WA 98512

Date: March 10, 2025

Project No.: F3064.01.001

From: Charles Rynerson
Senior Data Analyst

Ethan Poole
GIS Analyst

Re: 2025–26 to 2034–35 Enrollment Forecasts—Tumwater School District

Summary

At the request of Tumwater School District (TSD/District), FLO Analytics (FLO) prepared enrollment forecasts for grades kindergarten (K) through 12 for the 2025–26 to 2034–35 school years. The study was completed via three main tasks: (1) demographic and residential development analysis, (2) enrollment assessment, and (3) enrollment forecasting. FLO developed three scenarios—low, middle, and high—of district-wide enrollment forecasts, representing the total number of students living within and outside the district boundary and attending District schools and programs. These forecasts are provided as district-wide totals and by individual grade. FLO also prepared more granular forecasts of the number of students enrolled at each of the District’s elementary, middle, and high schools and programs.

Demographic and Residential Development Analysis

The district’s total population has grown by about 12,000 residents since 2000.

The school-age population (ages five to 17) grew by 473 between 2010 and 2020—an annual average growth rate (AAGR) of 0.7 percent—about half of the growth rate of the adult population. The population under age five also grew during the same period, by 289, resulting in an AAGR of 1.3 percent.

Thurston County is projected to add nearly 77,000 residents in the 20-year period between 2020 and 2040, compared with over 87,000 between 2000 and 2020.

The number of TSD K–12 students in October 2024 living in housing units built in the previous five years, from 2019 to 2023, ranged from 0.11 per multifamily (MF) unit to 0.55 per single-family (SF) unit.

Enrollment Assessment

K–12 enrollment decreased by 215 students (3.4 percent) between 2018–19 and 2024–25, as the increase of 182 students between 2020–21 and 2021–22 was not enough to offset losses in four of the five other years in the period.

K-5 enrollment fell by 143 students between 2019-20 and 2020-21, largely due to the impacts of COVID-19. Additional decline following a 159-student rebound between 2020-21 and 2021-22 contributed to an overall K-5 enrollment decrease of 115 students (4.1 percent) between 2018-19 and 2024-25.

Grades 6-8 enrollment was relatively stable during the seven-year period, resulting in just nine (0.6 percent) fewer students in 2024-25 compared with 2018-19.

Enrollment in grades 9-12 fell slightly between 2018-19 and 2020-21, rebounded in 2021-22 and decreased again over the following three years, resulting in a net loss of 91 students (4.4 percent) between 2018-19 and 2024-25.

Enrollment Forecasts

Births to district residents are compiled by school cohorts (September to August) to facilitate comparison to K enrollment. After averaging 423 births per year from 2012-13 to 2019-20, including a peak of 432 in 2014-15, birth totals dipped to 394 and 395 in 2020-21 and 2021-22, respectively. There were 439 births in 2022-23, the most recent cohort for which data are available.

Comparing 2024-25 K enrollment with 2018-19 births, we derived a K-to-birth ratio of 0.99, meaning that, for every 100 children born to district residents, there were 99 children enrolled in TSD K five years later. The middle scenario forecast assumes an increase in the K-to-birth ratio, rising to 1.05 in 2026-27 and 2027-28 before stabilizing at 1.03 in 2028-29 and beyond.

K enrollment is forecasted to remain close to its 2024-25 level, averaging 420 students between 2025-26 and 2027-28. The observed and forecasted uptick in births means that K enrollment is expected to increase later in the forecast period, averaging 454 births between 2028-29 and 2034-35.

The low scenario K-to-birth ratio increases to 1.01 in 2026-27 and decreases to 0.99 in 2028-29 and beyond, resulting in an average of 422 K students per year. The high scenario averaging 469 K students per year results from a forecasted K-to-birth ratio reaching 1.08 by 2026-27.

The growth or decline in enrollment among cohorts from one year to the next in the middle scenario reflects averages of the three most recent years, which exclude the 2020-21 and 2021-22 school years impacted by the COVID-19 pandemic. For example, each year's forecast 1st grade enrollment is expected to be slightly larger than the previous year's K enrollment, while a decrease is expected for cohorts progressing from 10th to 11th grade.

In the middle scenario, K-12 enrollment is expected to decrease from 6,130 in 2024-25 to 6,070 in 2034-35, representing a loss of 60 students (1.0 percent) in the ten-year period.

The low forecast scenario anticipates a decrease of 606 students (9.9 percent) by 2034-35, while the high forecast scenario expects enrollment to increase by 557 students (9.1 percent) in the ten-year period.

In the middle scenario, K-5 enrollment is expected to increase by 107 students (4.0 percent), from 2,703 in 2024-25 to 2,810 in 2034-35; 6-8 enrollment is expected to decrease by 84 students (5.9 percent), from 1,432 to 1,348; and 9-12 enrollment is expected to decrease by 83 students (4.2 percent), from 1,995 to 1,912.

Demographic and Residential Development Analysis

Understanding the population and housing trends in the geographic area of the district and surrounding region (Figure 1) is an integral part of the enrollment forecasting process. FLO mapped the distribution of student residences (Figure 2); reviewed historical, current, and projected demographic characteristics of the region; and analyzed current land use policies and anticipated residential development.

Population Trends

Figure 3 illustrates the 2000 to 2024 population change for Thurston County and TSD, and the 2000 to 2020 change for the portions of cities and unincorporated area that comprise the district. The county grew by about 45,000 residents in the 2000s and an additional 42,500 in the 2010s, resulting in 42.2 percent growth over the 20-year period. The district grew at a slightly slower rate than the county each decade. Adding approximately 6,300 residents in the 2000s and 5,600 in the 2010s, the district grew by 37.8 percent in 20 years. The Thurston Regional Planning Council (TRPC) estimates that the district added another 2,177 residents between 2020 and 2024.

Figure 4 depicts how the proportion of the population under the age of 18 has been changing in relation to the population over the age of 18. According to Decennial Census counts, TSD gained 10,710 residents (45.9 percent) ages 18 and older between 2000 and 2020. In comparison, the school-age population (ages five to 17) grew by 708 (11.4 percent), and the number of children under the age of five grew by 456 (24.5 percent) in the same period. The proportion of TSD population under the age of 18 was 25.7 percent in 2000, 22.5 percent in 2010, and 21.4 percent in 2020.

The Washington Office of Financial Management published population projections (low, medium, and high series) for Thurston County in December 2022. The medium series projection results in Figure 5 show that the county population is expected to continue growing between 2020 and 2040, adding 76,749 residents, which is about 10,000 fewer than the number added between 2000 and 2020.

Housing Types and Student Generation Rates

Housing type is an important indicator of the expected average number of students generated per housing unit. For instance, on average, SF housing units generate more students per unit than MF housing units. Student generation rates (SGRs) also vary by housing subtypes (e.g., SF detached, SF attached, MF market rate, MF income-restricted). Factors that impact SGRs include the number of bedrooms, housing costs, neighborhood demographics, age of housing, and family-friendly amenities such as playgrounds and proximity to schools.

Figure 6 includes the SGRs for SF and MF housing types, based on October 2024 student locations and new residential construction between 2019 and 2023. Housing units built in 2024 are excluded from the analysis because they may not have been completed and occupied by October 2024. Of the 5,645 students residing in the district, 517 live in the 933 SF units that were built between 2019 and 2023 and 56 live in the 490 MF units that were built in the same period. On average, each SF unit yields 0.55 K-12 students, while MF units yield 0.11 K-12 students, respectively. The SGRs are also calculated by grade group; new housing may have the greatest relative impact on specific elementary schools where development is concentrated.

Planned Residential Construction

FLO gathered residential development data from the planning departments of Thurston County and the City of Tumwater to assess housing trends in the district. Key development data are presented in Figures 7 and 8. Figure 7 depicts the locations of SF and MF developments that are currently in active

construction or in planning stages. Figure 8 includes details of residential development data gathered by FLO about these same developments, such as development name, anticipated number of units, and current status.

Based on available information from January 2025, nearly 5,000 housing units are under construction, planned, or proposed in the district. Of those units, about 25 percent are SF units and 75 percent are MF units. Notable projects that are already under underway include Yorkshire Apartments (Map ID TU_1), where building permits have been issued for 241 units of 1,150 future units, the 181-unit Kingswood Apartments (Map ID TU_5), which are nearing completion, and Skyview Estates (Map ID TU_17), a 117-lot subdivision in which roughly 33 homes have been completed, another 33 are under construction in the first phase, and 51 are expected in a second phase. Other significant developments that are proposed or planned to be completed within the forecast horizon include Belmont Flats (Map ID TU_2), Vista Views at Black Lake (Map ID TU_16), and New Market Apartments (Map ID TU_4), which are expected to result in 626, 184, and 416 units, respectively.

Developments listed in Figure 8 within the Michael T Simmons Elementary School (ES) attendance area (AA) include over 3,000 housing units. The Peter G Schmidt ESAA includes about 750 units, and the Black Lake and East Olympia ESAAs each have nearly 500 units under construction or planned. Prospective housing units are unevenly distributed among the two middle school (MS) and high school (HS) AAs—75 percent in the Tumwater MSAA/Black Hills ESAA and 25 percent in the George Bush MSAA/Tumwater HSAA.

Enrollment Assessment

To better understand recent enrollment trends, FLO analyzed historical enrollment (October 2018–19 to 2024–25 headcount) based on the enrollment reports and student information system extracts provided by the District. Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled in New Market Skills Center were not included in our analyses and enrollment forecasts. FLO evaluated historical grade progression ratios (GPRs), participation in special or nontraditional programs, and differences in enrollment by residence compared to individual school attendance (i.e., transfer rates).

Enrollment Trends

Figure 9 shows the district-wide enrollment by individual grade for school years 2018–19 to 2024–25 and the six-year change over the period. District-wide enrollment decreased by 70 students between 2018–19 and 2019–20 and then fell by 146 students between 2019–20 and 2020–21, largely due to the impacts of COVID-19. Enrollment then recovered between 2020–21 and 2021–22, increasing by 182 students before falling by a total of 183 students over the next two years. A small increase of two students between 2023–24 and 2024–25 resulted in a total decrease of 215 students (3.4 percent) between 2018–19 and 2024–25.

Figure 10 tabulates enrollment by school and grade group (i.e., K–5, 6–8, 9–12). K–5 enrollment fell by 24 students between 2018–19 and 2019–20 before falling by another 143 students 2019–20 and 2020–21, largely due to the impacts of COVID-19. Enrollment rebounded between 2020–21 and 2021–22, increasing by 159 students. Between 2021–22 and 2022–23, enrollment decreased by 55 students and decreased again by 57 students between 2022–23 and 2023–24. Overall K–5 enrollment decreased by 115 students (4.1 percent) between 2018–19 and 2024–25.

Grades 6–8 enrollment decreased by 23 students between 2018–19 and 2019–20 but increased by 12 students between 2019–20 and 2020–21. Over the following three years, between 2020–21 and

2023–24, enrollment decreased by a total of 35 students. Between 2023–24 and 2024–25, enrollment increased by 37 students resulting in an overall decrease of nine (0.6 percent) students between 2018–19 and 2024–25.

Grades 9–12 enrollment decreased by 23 students between 2018–19 and 2019–20 and 15 students between 2019–20 and 2020–21. Enrollment increased by 29 students between 2020–21 and 2021–22 followed by decreases over the following three years, resulting in a loss of 82 students between 2021–22 and 2024–25. Overall, 9–12 enrollment decreased by 91 students (4.4 percent) between 2018–19 and 2024–25.

Residence-Attendance Matrices

Transfer rates represent the number of students who enroll in TSD from outside the district boundary or enroll in a school/program other than their neighborhood school, based on the attendance area in which they live. Analysis of transfer rates can help reveal patterns of student choice or quantify the effects of district policies, because high transfer rates may be due to program offerings, school locations, or individual preferences. Monitoring transfer rates can lead to changes to district policies; for instance, if a particular school with a high transfer-in rate began to reach or exceed capacity, a District may consider limiting transfers or adding program capacity.

Based on FLO's analysis of district-wide K–12 transfers (Figure 11), a total of 485 students living outside the district boundary were enrolled in TSD schools in 2024–25, representing 7.9 percent of enrollment. Overall, 416 students residing within the district boundary transferred to a school or program different from their neighborhood school, which is based on the AA in which they live. This amounts to a district-wide intra-district transfer rate of 7.4 percent. The largest percentage of transfers occurs within the 9–12 grade group, with an intra-district transfer rate total of 12.4 percent attending a different neighborhood school.

As depicted in the residence-attendance matrices shown in Figures 12 through 14 by grade group, transfer rates also differ by school. For instance, transfer-out rates—representing the number of students who live in a school's ESAA, but enroll in a different school/program—range from 3.1 percent from the East Olympia ESAA to 13.7 percent from the Tumwater Hills ESAA. From the perspective of individual school enrollment, K–5 transfer-in rates—representing the number of students who do not live in a school's ESAA, including students residing outside the district boundary—range from 5.1 percent at East Olympia ES to 22.8 percent at Michael T. Simmons ES, in part due to 4th and 5th graders enrolled in the highly capable program at Michael T. Simmons.

Grades 6–8 transfer-out rates were 3.1 percent from the George Bush MSAA and 2.3 percent from the Tumwater MSAA. Grades 6–8 transfer-in rates were 6.4 percent at George Bush MS and 9.3 percent at Tumwater MS. Grades 9–12 transfer-out rates were 9.7 percent from the Tumwater Hills HSAA and 15.9 percent from the Black Hills HSAA. Grades 9–12 transfer-in rates were 11.0 percent at Black Hills HS and 20.4 percent at Tumwater HS. Cascadia HS and New Market HS are district-wide programs without attendance areas, thus each have transfer-in rates of 100 percent.

Enrollment Forecasts

Historical Births and Kindergarten Enrollment

The number of students enrolled in a district is largely influenced by the number of school-age children residing in the district. We compared historical K class sizes to historical birth data (i.e., live births to TSD residents from the Washington Department of Health) to determine annual K-to-birth ratios. These values, in combination with age-group-specific population projections of childbearing-age women

residing in the district, allow us to forecast the number of anticipated births to TSD residents and thus the number of kindergarteners anticipated in future school years.

Figure 15 illustrates how the number of births to TSD residents through 2018–19 relates to historical K enrollment and how the observed and forecasted number of births from 2019–20 to 2028–29 impacts the K forecast. Births are shown in alignment with K cohorts (e.g., births occurring between September 2012 and August 2013 would be eligible to enroll in K in the 2018–19 school year. After averaging 423 births per year from 2012–13 to 2019–20, including a peak of 432 in 2014–15, birth totals dipped to 394 and 395 in 2020–21 and 2021–22, respectively. There was an uptick the following year, with 439 births in 2022–23, the most recent cohort for which data are available.

K enrollment averaged 439 students per year from 2018–19 to 2023–24, including a low of 404 in 2020–21 and a high of 481 in 2021–22. K enrollment in 2024–25 was below the historical average with 416 students.

The link between births and K is the K-to-birth ratio, which is a key metric representing a combination of net migration between birth and age five and the share of five-year-old residents enrolled in TSD K classes, often referred to as a capture rate. For instance, comparing 2024–25 K enrollment with 2018–19 births, we derived a K-to-birth ratio of 0.99, meaning that for every 100 children born to district residents, there were 99 children enrolled in TSD K five years later. Ratios for TSD have typically been above 1.00, with the pandemic low of 0.94 in 2020–21 followed by an increase to 1.12 in 2021–22. From 2018–19 to 2024–25, the District had an average K-to-birth ratio of 1.03.

The middle scenario forecast assumes an increase in the K-to-birth ratio, rising to 1.05 in 2026–27 and 2027–28 before stabilizing at 1.03 in 2028–29 and beyond. Even as the ratio increases, the downturn in births in 2020–21 and 2021–22 means that K enrollment is forecasted to remain close to its 2024–25 level, averaging 420 students between 2025–26 and 2027–28. The recent uptick in births and the birth forecasts indicate that K enrollment will increase later in the forecast period, averaging 454 births between 2028–29 and 2034–35.

Figure 16 illustrates future K enrollment under the low, middle, and high scenarios based on different rates of population change and different assumptions of future K-to-birth ratios. In the low scenario, the ratio initially rises to 1.01 in 2026–27 and then stabilizes at 0.99 in 2028–29 and beyond. The lower ratio results in between 12 and 31 fewer K students each year, having a cumulative impact on the K–12 enrollment totals. Conversely, the high forecasts of 12 to 36 more K students each year result from a forecast ratio of 1.05 in 2025–26 and 1.08 in 2026–27 and beyond.

Grade Progression Ratios

The progression of students from one grade to the next is a significant determinant of future enrollment and therefore plays an important role in FLO's forecasting process. FLO assesses how cohort sizes change over time by calculating GPRs—the ratio of enrollment in a specific grade in a given year to the enrollment of the same age cohort in the previous year. For instance, if 100 kindergarteners in 2023–24 were to become 105 1st graders in 2024–25, the GPR would be 1.05. GPRs quantify how cohort sizes change as students progress to subsequent grades by considering that not all students advance to the next grade and that new students join existing cohorts. A GPR value greater than 1.00 indicates that the student cohort increased in size from one grade to the next. Such a result may be due to students moving into the district or students choosing to transfer into the district from other districts or nonpublic schools. Conversely, a GPR value less than 1.00 indicates that the student cohort decreased in size from one grade to the next. This may be due to students moving out of the district, students choosing to transfer to other districts or nonpublic schools, or students not advancing to the next grade.

Figure 17 depicts the GPRs for all District K–12 students from 2018–19 to 2024–25. In many years cohorts progressing from K to 1st and from 8th to 9th grades have the highest GPRs, as new students join District schools at 1st and 9th grades. GPRs at other early elementary grades also depict cohort growth whereas GPRs for grades 10–12 are usually less than 1.00, which is typical for most school districts due to attrition and programming, such as Running Start. After the enrollment loss in 2020–21 characterized by GPRs below 1.00, cohort growth reemerged in 2021–22. The final three columns in Figure 17 show our assumptions for future GPRs in the middle scenario enrollment forecast, influenced by historical averages of the three most recent years and excluding 2019–20 to 2020–21 and 2020–21 to 2021–22.

District-Wide Enrollment Forecasts

As shown in Figure 18, district-wide enrollment is forecasted to decrease from 6,130 in 2024–25 to 6,070 in 2034–35, representing a loss of 60 students in the ten-year period. Most of the enrollment loss occurs in the first three years of the forecast as the smaller incoming K cohorts replace larger cohorts graduating from high school. K–12 enrollment falls by 113 students between 2024–25 and 2027–28 and then fluctuates between small gains and small losses throughout the remainder of the forecast period. The low forecast scenario anticipates a decrease of 606 students by 2034–35, while the high forecast scenario expects enrollment to increase by 557 students in the ten-year period.

From a grade group perspective as shown in Figure 19, K–5 enrollment is expected to decrease from 2024–25 to 2027–28, losing 90 students. It is also anticipated that, between 2027–28 and 2034–35, K–5 enrollment will increase by 197 students. Over the ten-year period, K–5 enrollment is expected to grow by 107 students. Grades 6–8 enrollment is expected to generally decrease between 2024–25 and 2029–30, losing 38 students, but there will be more year-to-year variation. A similar pattern is expected between 2029–30 and 2034–35 which will result in a five-year loss of 46 students. Over the ten-year period, grades 6–8 enrollment will decrease by 84 students. Enrollment in grades 9–12 is anticipated to fluctuate in each year of the forecast period, including potential gains of 53 students from 2027–28 to 2028–29 and potential loss of 52 students from 2028–29 to 2029–30. Grades 9–12 enrollment over the ten-year period is expected to decrease by 83 students. The district-wide forecasts by individual grade are reported annually for the low, middle, and high scenarios in Figures 20, 21, and 22, respectively.

Forecasts by Individual School

Figure 23 shows enrollment forecasts for each of the District's schools and programs for each year from 2025–26 to 2029–30 and for 2034–35. Different demographics, rates of residential development, and GPRs contribute to differing rates of enrollment decline and growth for each school. At the K–5 level, Black Lake ES, East Olympia ES, and Michael T Simmons ES are expected to grow over the ten-year forecast period, while Peter G Schmidt ES remains relatively stable, and Littlerock ES and Tumwater ES are expected to decrease slightly. The largest growth is expected at Black Lake ES where enrollment is expected to increase by 67 students. The largest decrease is expected at Littlerock ES where enrollment is forecasted to decrease by 27 students. Both schools at the 6–8 level are forecasted to decrease over the ten-year period, with George Bush MS decreasing by 59 students and Tumwater MS decreasing by 25. At the 9–12 level, Black Hills HS is expected to grow by 42 students over the forecast period while Tumwater HS is expected to decrease by 125 students.

Methodology

District-Wide Enrollment Forecasts

To prepare the ten-year forecasts from 2025–26 to 2034–35, FLO forecasts births through 2029. The birth forecasts depend on population forecasts by age and sex and age-specific birth rates (ASBRs) for women of childbearing age. ASBRs estimated for 2020 correspond to a total fertility rate (TFR) of 1.43.¹ Slight adjustments to ASBRs based on observed births in 2022 and 2023 resulted in a TFR of 1.50 in 2022 and beyond. Cohort change ratios based on historical trends are used to forecast 2030 population ages ten and older by five-year age group and sex.² Forecasts of populations under age ten in 2030 based on ratios of population to births are added, resulting in a 2020-to-2030 population growth of 4,226 in the low scenario, 6,128 in the middle scenario, and 8,031 in the high scenario, compared with 6,289 between 2000 and 2010 and 5,585 between 2010 and 2020.

The link between our population forecast and the district-wide student enrollment forecast occurs at K, where we use the birth forecasts through 2029 and the expected K-to-birth ratios to forecast future K class sizes. Forecasts for grades 1–12 use GPRs based initially on the average of the most recent three years, adjusted as needed to eliminate outliers and in consideration of expected residential development. GPRs embed implicit assumptions about the level of net migration and school choice. The middle scenario reflects observed trends, while K-to-birth ratios and GPRs are adjusted upward or downward for the high and low forecast scenarios.

Forecasts for Individual Schools

Cascadia HS and New Market HS do not have AAs. Their future enrollments are held constant at their 2024–25 level. Forecasts for these schools are prepared before the neighborhood school forecasts, aggregated by grade and year, and subtracted from the district-wide forecasts, resulting in control totals for neighborhood schools.

Forecasts for new K classes at each neighborhood elementary school are initially based on three-year average shares of district-wide K adjusted for the number of additional K students expected based on housing growth. Initial forecasts for grades 1–5 use GPRs unique to each school and grade based on historical averages, individually reviewed to minimize the influence of outliers. The forecasts also incorporate the impact of new housing within school AAs. Sums of initial forecasts will likely differ from the forecasts of district-wide enrollment; therefore, final forecasts for individual schools are derived by proportionally adjusting initial forecasts to match the district-wide neighborhood schools forecasts by grade, a process referred to as controlling.

Forecasts for entry grades 6 for neighborhood middle schools and 9 for neighborhood high schools initially use GPRs based on the historical relationship between the entry grade and each secondary school's 5th grade and 8th grade feeders—for example, the ratio of 6th grade at Tumwater MS to the previous year's 5th grade at Black Lake ES, Michael T Simmons ES, and Tumwater Hill ES. Grades 7–8 for middle school and 10–12 for high school use GPRs specific to each school and grade. The forecasts also incorporate the impact of new housing within school AAs. Final middle school and high school forecasts are controlled to match the middle scenario district-wide neighborhood schools forecasts by grade.

¹ TFR is the number of children that would be born to a woman throughout her childbearing years, based on age-specific birth rates at a given time.

² Baker, Jack, David A. Swanson, Jeff Tayman, and Lucky M. Tedrow. 2017. *Cohort Change Ratios and Their Applications*. Cham, Switzerland: Springer International Publishing.

Data Sources

FLO used the following data sources to inform the enrollment forecasts:

- Decennial Census and American Community Survey, U.S. Census Bureau
- Birth data, Washington Department of Health
- Population estimates and forecasts, Washington Office of Financial Management, Thurston Regional Planning Council
- Enrollment data, Tumwater School District
- Land use data, City of Tumwater, Thurston County
- Property characteristics, Thurston County Assessor
- Email correspondence, Tami Merriman, City of Tumwater; Dan Janiga, Thurston County Assessor's Office
- Spatial data, Thurston County GeoData Center

Accuracy

Enrollment forecasts are expected values based on assessment of current and past data and should be considered as just one of several planning tools rather than the only criterion for the allocation of future resources. Unlike measurable data such as the results of a survey, forecasts do not allow for the estimation of a confidence interval to measure accuracy. The best way to measure error is to compare actual enrollment with previously prepared forecasts that were conducted using similar data and methodologies. The appropriate use of forecasts includes an understanding that there is likely to be some degree of variation from the anticipated values. Therefore, it is important that stakeholders monitor conditions that will affect future populations and that forecasts be updated, either at a regular frequency or when their deviation from actual enrollment is significant.

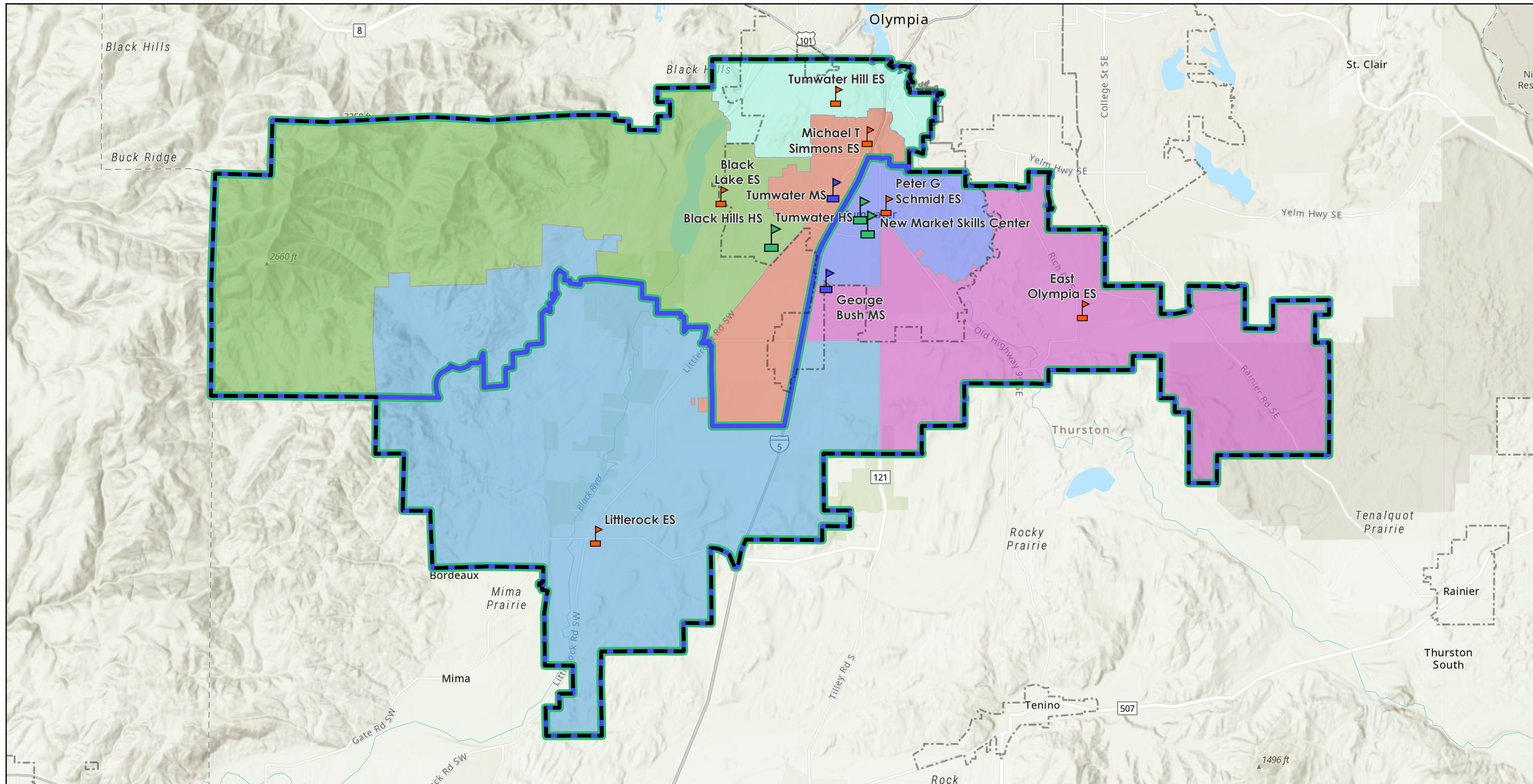
Limitations

The services undertaken in completing this memorandum were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This memorandum is solely for the use and information of our client unless otherwise noted. Any reliance on this memorandum by a third party is at such party's sole risk.

Opinions and recommendations contained in this memorandum apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this memorandum.

Figures

Figure 1: District Overview



School Location

-  K-5
-  6-8
-  9-12

City Limits

-  City Limits
-  District Boundary
-  High School Attendance Area
-  Middle School Attendance Area

Elementary School Attendance Area

-  Black Lake ES
-  East Olympia ES
-  Littlerock ES

Michael T Simmons ES

-  Michael T Simmons ES
-  Peter G Schmidt ES
-  Tumwater Hill ES

Figure 2: Student Density

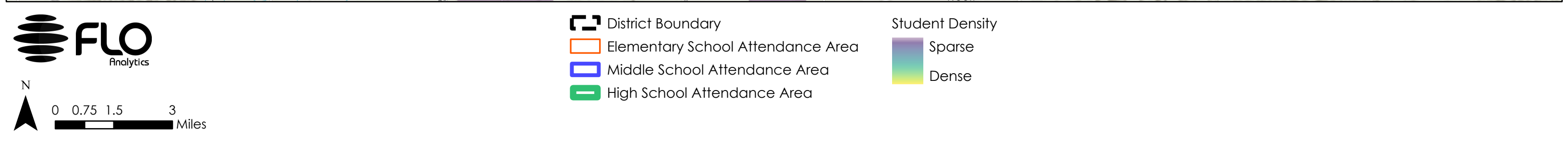
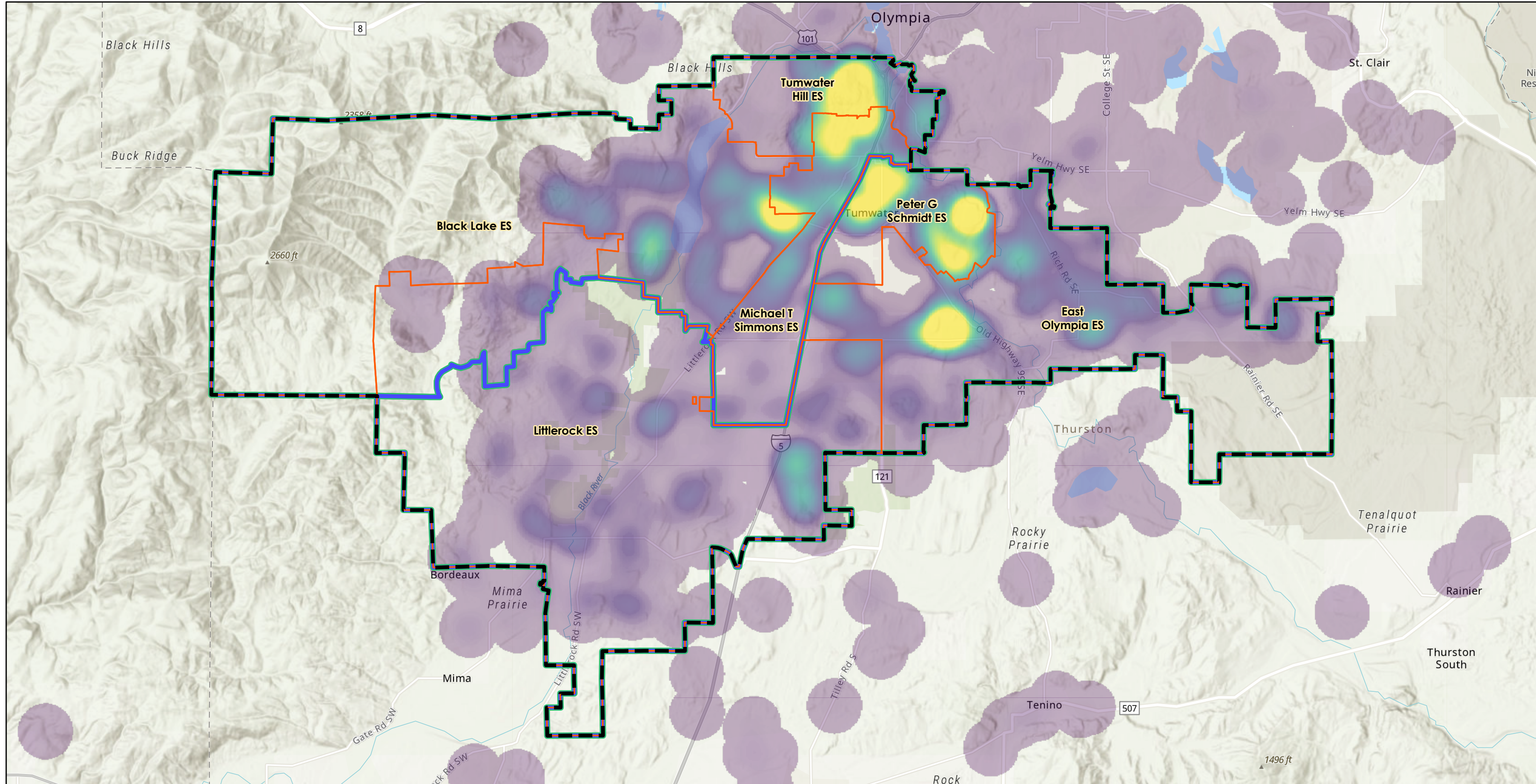


Figure 3: County, School District, and City Population – 2000 to 2024

	2000 Census	2010 Census	2020 Census	2024 Estimate ^(a)	Average Annual Growth		
					2000–10	2010–20	2020–24
Thurston County	207,355	252,264	294,793	307,000	2.0%	1.6%	1.0%
Tumwater School District ^(b)	31,399	37,688	43,273	45,450	1.8%	1.4%	1.2%
City of Lacey (TSD part)	0	0	8	--	--	--	--
City of Olympia (TSD part)	203	107	171	--	-6.2%	4.8%	--
City of Tumwater (TSD part)	11,861	16,812	24,226	--	3.5%	3.7%	--
TSD Unincorporated Area	19,335	20,769	18,868	--	0.7%	-1.0%	--

Notes

(a) April 2024 population estimates are not available for the parts of cities within the school district.

(b) Census population counts compiled by FLO based on census blocks within TSD boundary; 2024 estimate from Thurston Regional Planning Council.

Indentation signifies the nesting of geographic areas. For instance, the school district is are indented because it is part of the county. Portions of the cities are further indented because they are within the school district boundary, and included in the district total population.

Sources

U.S. Census Bureau, 2000, 2010, and 2020 Censuses (April 1); State of Washington, Office of Financial Management, April 1, 2024 estimates; Thurston Regional Planning Council, Small Area Population Estimates.

Figure 4: School District Population by Age Group – 2000 to 2020

	2000 Census	2010 Census	2020 Census	Average Annual Growth	
				2000–2010	2010–2020
Total Population	31,399	37,688	43,273	1.8%	1.4%
Age 18 and over	23,317	29,204	34,027	2.3%	1.5%
Ages 5 to 17	6,224	6,459	6,932	0.4%	0.7%
Under age 5	1,858	2,025	2,314	0.9%	1.3%
Under 18 share of total	25.7%	22.5%	21.4%	--	--

Notes

Indentation signifies the nesting of variables. For instance, the "Age 18 and over" category is indented because it is a component of total population.

Sources

U.S. Census Bureau, 2000, 2010, and 2020 Censuses.

Figure 5: Population Projections

	2020 Census	2030 Projection	2040 Projection	Average Annual Growth	
				2020–2030	2030–2040
Thurston County Low Series	294,793	303,770	331,889	0.4%	0.9%
Thurston County Medium Series	294,793	333,783	371,542	1.6%	1.1%
Thurston County High Series	294,793	363,211	409,440	2.6%	1.2%
Tumwater School District*	43,690	53,440	60,430	2.5%	1.2%

Note

*2020 population forecasts were prepared before 2020 Census results were published.

Sources

State of Washington, Office of Financial Management, Growth Management Act County Projections, Dec. 2022.
Thurston Regional Planning Council, Small Area Population Estimates and Population and Employment Forecast, 2018 Update.

Figure 6: Student Generation Rates

K-12 Students per Housing Unit Built 2019-2023

Housing Type	Housing Units	Students				SGRs			
		K-5	6-8	9-12	K-12	K-5	6-8	9-12	K-12
Single-family	933	254	132	131	517	0.27	0.14	0.14	0.55
Multifamily	490	28	14	14	56	0.06	0.03	0.03	0.11

Notes

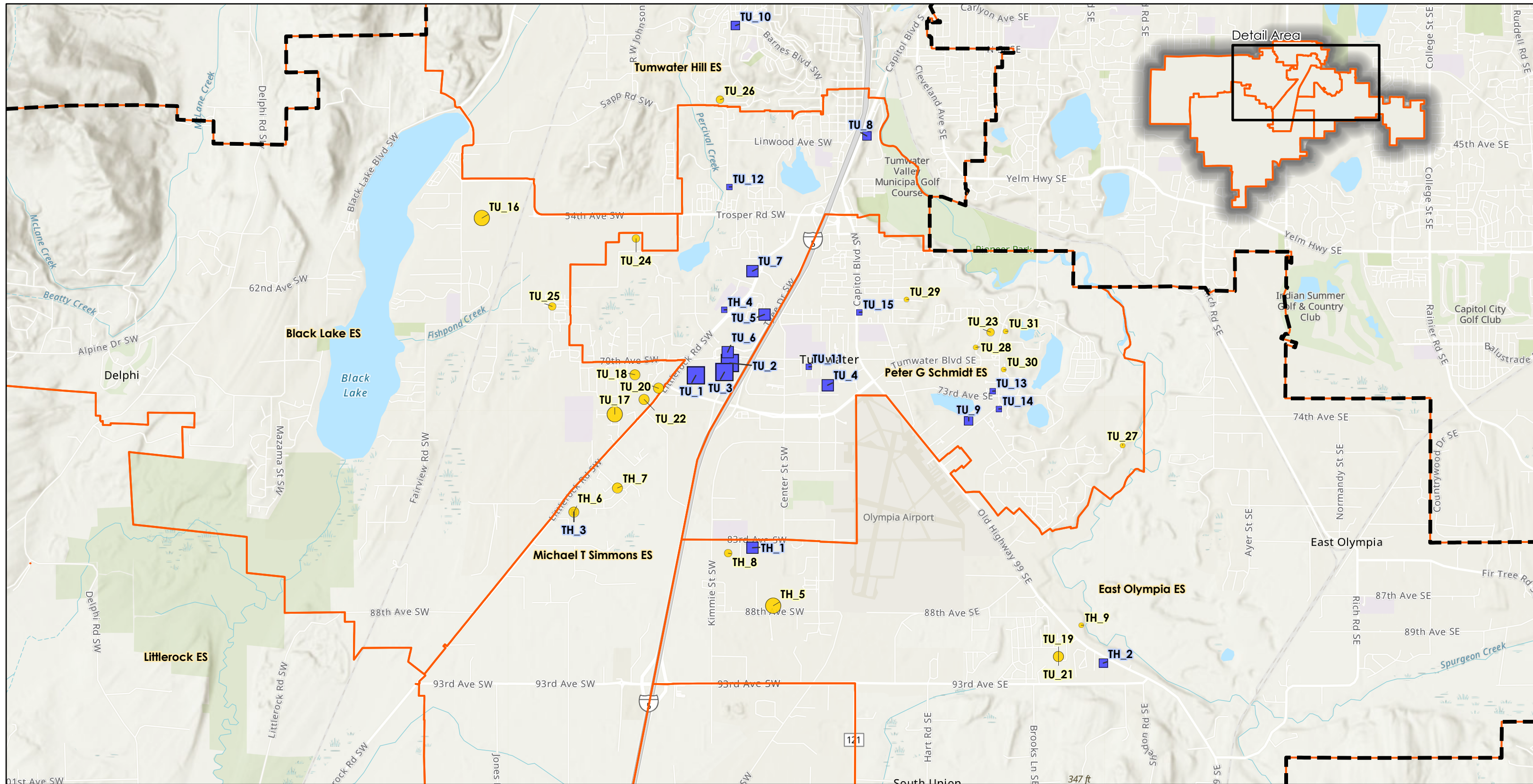
Single-family includes manufactured homes on individual parcels and duplex units. Multifamily includes units in structures with three or more units.

Units built in 2024 are excluded, because they may not have been completed and occupied by October 2024.

Source

Tumwater 2024-25 headcount enrollment and Thurston County parcel and assessor data.

Figure 7: Residential Development



 District Boundary
 Elementary School Attendance Area
Label Correspond to Map IDs on Figure 8.

Multifamily Housing Developments
Units

-  6 - 50
-  51 - 100
-  101 - 500
-  501 - 1150

Single-family Housing Developments
Units

-  6 - 30
-  31 - 50
-  51 - 100
-  101 - 184

Figure 8: Residential Development Details

Map ID	Jurisdiction	Elementary School Attendance Area	Middle School Attendance Area	High School Attendance Area	Development Name	Type ^(a)	Net Units ^(b)	Notes ^(c)
TH_1	Thurston County	East Olympia ES	George Bush MS	Tumwater HS	Aspen Apartments	MF	132	County Land Use Application 7/7/23
TH_2	Thurston County	East Olympia ES	George Bush MS	Tumwater HS	Old Hwy 99 Townhomes	MF	69	County presub conference 10/3/24
TH_3	Thurston County	Michael T Simmons ES	Tumwater MS	Black Hills HS	Trestlewood Tumwater	MF	34	Prelim plat application 2/2024
TH_4	Thurston County	Michael T Simmons ES	Tumwater MS	Black Hills HS	Littlerock West duplexes	MF	18	Notice of Appeal 3-24-2023
TH_5	Thurston County	East Olympia ES	George Bush MS	Tumwater HS	88th Ave SW Plat	SF	105	Notice of Appeal 11/22/2024
TH_6	Thurston County	Michael T Simmons ES	Tumwater MS	Black Hills HS	Trestlewood Tumwater	SF	83	Notice of Appeal 11/22/2024
TH_7	Thurston County	Michael T Simmons ES	Tumwater MS	Black Hills HS	Sienna #1 - Rental homes	SF	77	Under construction
TH_8	Thurston County	East Olympia ES	George Bush MS	Tumwater HS	Pine Crest at Tumwater	SF	45	Under construction
TH_9	Thurston County	East Olympia ES	George Bush MS	Tumwater HS	Enclave at Deschutes river	SF	25	Preliminary plat granted 7/2024
TU_1	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Yorkshire Apartments	MF	1,150	Building permit issued for one building (241 units)
TU_2	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Belmont Flats	MF	626	Site Plan Review approval complete, no construction plans submitted
TU_3	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Tumwater Commercial	MF	564	Feasibilty Review 11/7/2024
TU_4	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	New Market Apartments	MF	416	Phase 1 building permit under review
TU_5	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Kingswood Apartments	MF	181	Under construction.
TU_6	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Tyee Landing	MF	148	Under review
TU_7	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Littlerock Mixed Use	MF	114	Under review
TU_8	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Craft District Apartments	MF	96	Under review
TU_9	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Henderson Blvd Apartments	MF	94	In preliminary stages
TU_10	City of Tumwater	Tumwater Hill ES	Tumwater MS	Black Hills HS	Forest Park II (Sky Vista)	MF	60	Site development approved
TU_11	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Tumwater 30	MF	42	Under review
TU_12	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Rural Road Apartments	MF	29	No action since 7/21/22
TU_13	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Habitat Townhomes	MF	28	Under construction
TU_14	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Henderson MF	MF	15	No action since 8/18/22
TU_15	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	The Rookery	MF	6	Under construction
TU_16	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	Vista Views at Black Lake	SF	184	Preliminary plat granted 2/2025
TU_17	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	Skyview Estates	SF	84	63 building permits issued
TU_18	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	70th Ave Plat	SF	67	In preliminary stages
TU_19	City of Tumwater	East Olympia ES	George Bush MS	Tumwater HS	Bradbury Estates Division 3	SF	62	Under construction
TU_20	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	Littlerock Rowhomes	SF	56	Under review
TU_21	City of Tumwater	East Olympia ES	George Bush MS	Tumwater HS	Bradbury Division 4	SF	54	In preliminary stages
TU_22	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	Littlerock Meadows	SF	51	Feasibility Review 1/6/22
TU_23	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Three Lakes Crossing	SF	45	Under construction
TU_24	City of Tumwater	Michael T Simmons ES	Tumwater MS	Black Hills HS	Trosper Woods	SF	42	Final plat approved
TU_25	City of Tumwater	Black Lake ES	Tumwater MS	Black Hills HS	Kirsop Crossing Div. 3	SF	41	Approved. No construction yet.
TU_26	City of Tumwater	Tumwater Hill ES	Tumwater MS	Black Hills HS	Sunrise Hill Plat	SF	36	Under review
TU_27	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Deschutes Heights	SF	30	Under construction
TU_28	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Crestmoor Park	SF	27	Under construction
TU_29	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Elm Street Plat	SF	23	Under construction
TU_30	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Henderson Park	SF	16	Under construction
TU_31	City of Tumwater	Peter G Schmidt ES	George Bush MS	Tumwater HS	Susan Lake Park	SF	6	Under construction
Total SF						SF	1,159	
Total MF						MF	3,822	

Notes

- (a) SF is single-family detached, MF is multifamily.
- (b) Several SF subdivisions are partially complete; net units reflects total lots minus an estimate of the number of homes that were completed and sold prior to the 2024–25 school year.
- (c) Based on available information as of winter 2024–25.

Sources

City of Tumwater; Tumwater School District

Figure 9: Historical Enrollment by Grade

Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2018–19 to 2024–25
K	431	462	404	481	434	423	416	-15
1	473	431	434	423	497	456	425	-48
2	500	468	432	451	428	483	452	-48
3	439	512	455	454	461	428	487	48
4	491	434	498	480	450	454	441	-50
5	484	487	428	521	485	454	482	-2
6	467	497	483	454	510	461	460	-7
7	462	464	473	472	440	492	477	15
8	512	457	474	498	461	442	495	-17
9	539	540	495	513	552	499	466	-73
10	552	540	542	508	496	561	511	-41
11	493	503	484	536	486	492	522	29
12	502	480	527	520	538	483	496	-6
K–12 Total	6,345	6,275	6,129	6,311	6,238	6,128	6,130	-215

Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

The lowest and highest enrollment values per grade are highlighted blue and orange, respectively.

Sources

Tumwater School District October 2018–19 to 2024–25 headcount enrollment.

Figure 10: Historical Enrollment by School and Grade Group

School Name	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2018–19 to 2024–25
Black Lake ES	401	378	362	401	379	387	383	-18
East Olympia ES	517	496	413	519	586	603	566	49
Littlerock ES	290	279	296	323	356	344	342	52
Michael T Simmons ES	597	585	433	466	481	422	430	-167
Peter G Schmidt ES	594	653	573	610	561	577	591	-3
Tumwater Hill ES	419	403	365	363	357	365	391	-28
Tumwater Virtual Academy	--	--	209	128	35	--	--	0
K–5 Total	2,818	2,794	2,651	2,810	2,755	2,698	2,703	-115

George Bush MS	743	738	682	754	751	761	765	22
Tumwater MS	698	680	622	599	614	634	667	-31
Tumwater Virtual Academy	--	--	126	71	46	--	--	0
6–8 Total	1,441	1,418	1,430	1,424	1,411	1,395	1,432	-9

Black Hills HS	814	825	762	821	815	756	716	-98
Tumwater HS	1,173	1,141	1,038	1,082	1,070	1,109	1,088	-85
Cascadia HS	99	97	83	77	109	115	130	31
New Market HS	--	--	59	34	31	55	61	61
Tumwater Virtual Academy	--	--	106	63	47	--	--	0
9–12 Total	2,086	2,063	2,048	2,077	2,072	2,035	1,995	-91

K–12 Total	6,345	6,275	6,129	6,311	6,238	6,128	6,130	-215
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Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

The lowest and highest enrollment values per school are highlighted blue and orange, respectively.

Sources

Tumwater School District October 2018–19 to 2024–25 headcount enrollment.

Figure 11: District-wide Transfer Rates

Grade Group	Total Enrollment	Enrollment from Within District ^(a)	Enrollment from Out-of-District ^(b)	Intra-district Transfers ^(c)	Total Transfers ^(d)	Transfer Rate from Out-of-District	Intra-district Transfer Rate	Total Transfer Rate
K–5	2,703	2,571	132	166	298	4.9%	6.5%	11.0%
6–8	1,432	1,358	74	37	111	5.2%	2.7%	7.8%
9–12	1,995	1,716	279	213	492	14.0%	12.4%	24.7%
K–12	6,130	5,645	485	416	901	7.9%	7.4%	14.7%

Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

- (a) "Enrollment from Within District" is the number of students who reside within the district boundary.
- (b) "Enrollment from Out-of-District" is the number of students who reside outside the district boundary.
- (c) "Intradistrict Transfers" is the number of students who enroll in a school other than their neighborhood school based on the attendance area that they reside in.
- (d) "Total Transfers" is the sum of Enrollment from Out-of-District and Intradistrict Transfers.

Sources

Tumwater School District 2024–25 attendance areas and October 2024–25 headcount enrollment.

Figure 12: Grades K–5 Residence-Attendance Matrix

School of Attendance Attendance Area	Residence Count	Black Lake ES	East Olympia ES	Littlerock ES	Michael T Simmons ES	Peter G Schmidt ES	Tumwater Hill ES	Capture Rate	Transfer-Out Student Total ^(c)	Transfer-Out Rate
Black Lake ES	344	325	0	2	9	3	5	94.5%	19	5.5%
East Olympia ES	554	2	537	1	5	8	1	96.9%	17	3.1%
Littlerock ES	341	2	8	314	8	8	1	92.1%	27	7.9%
Michael T Simmons ES	357	11	0	1	332	9	4	93.0%	25	7.0%
Peter G Schmidt ES	559	9	3	0	8	538	1	96.2%	21	3.8%
Tumwater Hill ES	416	11	1	0	40	5	359	86.3%	57	13.7%
K-5 Subtotals	2,571	360	549	318	402	571	371	93.5%	166	6.5%
From Out-of-District ^(a)	132	23	17	24	28	20	20	--	--	--
K–5 Totals	2,703	383	566	342	430	591	391	--	--	--
Transfer-In Student Total ^(b)	298	58	29	28	98	53	32	--	--	--
Transfer-In Rate	11.0%	15.1%	5.1%	8.2%	22.8%	9.0%	8.2%	--	--	--

Notes

Students enrolled in preschool are excluded from analysis.

(a) "From Out-of-District" is the number of students who reside outside the district boundary.

(b) "Transfer-In Student Total" is the number of students who do not live in the school's attendance area, including students "From Out-of-District", or total enrollment for schools/programs without attendance areas.

(c) "Transfer-Out Student Total" is the number of students who live in the school's attendance area, but enroll in a different school/program.

Sources

Tumwater School District 2024–25 attendance areas and October 2024–25 headcount enrollment.

Figure 13: Grades 6–8 Residence-Attendance Matrix

School of Attendance Attendance Area	Residence Count	George Bush MS	Tumwater MS	Capture Rate	Transfer-Out Student Total ^(c)	Transfer-Out Rate
George Bush MS	739	716	23	96.9%	23	3.1%
Tumwater MS	619	14	605	97.7%	14	2.3%
6–8 Subtotals	1,358	730	628	97.3%	37	2.7%
From Out-of-District ^(a)	74	35	39	--	--	--
6–8 Totals	1,432	765	667	--	--	--
Transfer-In Student Total ^(b)	111	49	62	--	--	--
Transfer-In Rate	7.8%	6.4%	9.3%	--	--	--

Notes

- (a) "From Out-of-District" is the number of students who reside outside the district boundary.
- (b) "Transfer-In Student Total" is the number of students who do not live in the school's attendance area, including students "From Out-of-District", or total enrollment for
- (c) "Transfer-Out Student Total" is the number of students who live in the school's attendance area, but enroll in a different school/program.

Sources

Tumwater School District 2024–25 attendance areas and October 2024–25 headcount enrollment.

Figure 14: Grades 9–12 Residence-Attendance Matrix

School of Attendance Attendance Area	Residence Count	Black Hills HS	Tumwater HS	Cascadia HS	New Market HS	Capture Rate	Transfer-Out Student Total ^(c)	Transfer-Out Rate
Black Hills HS	757	637	64	48	8	84.1%	120	15.9%
Tumwater HS	959	31	866	54	8	90.3%	93	9.7%
9-12 Subtotals	1,716	668	930	102	16	87.6%	213	12.4%
From Out-of-District ^(a)	279	48	158	28	45	--	--	--
9-12 Totals	1,995	716	1,088	130	61	--	--	--
Transfer-In Student Total ^(b)	492	79	222	130	61	--	--	--
Transfer-In Rate	24.7%	11.0%	20.4%	100%	100%	--	--	--

Notes

Students enrolled in Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

(a) "From Out-of-District" is the number of students who reside outside the district boundary.

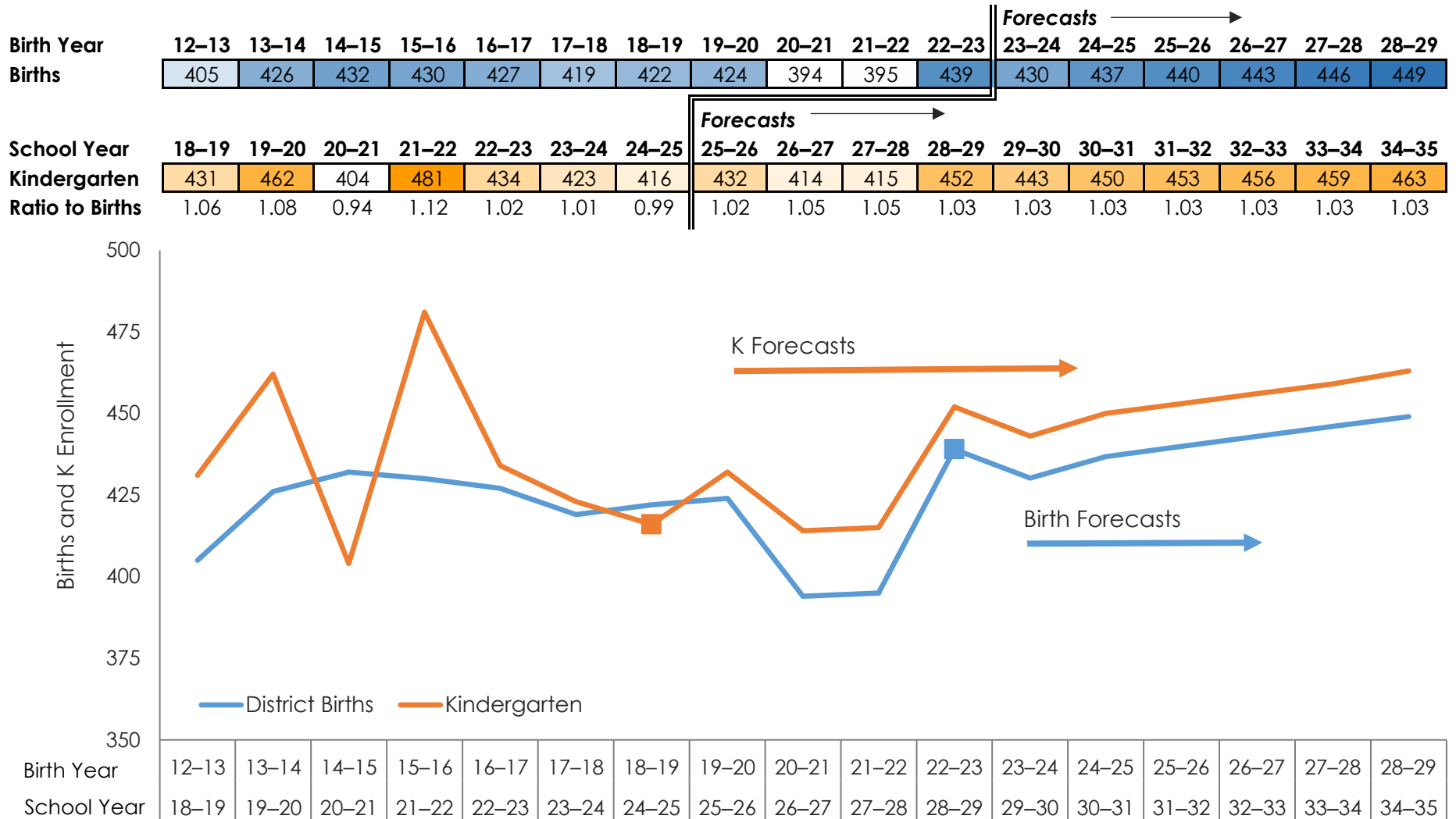
(b) "Transfer-In Student Total" is the number of students who do not live in the school's attendance area, including students "From Out-of-District", or total enrollment for schools/programs without attendance areas.

(c) "Transfer-Out Student Total" is the number of students who live in the school's attendance area, but enroll in a different school/program.

Sources

Tumwater School District 2024–25 attendance areas and October 2024–25 headcount enrollment.

Figure 15: District Births and Kindergarten Enrollment – Middle Scenario



Notes

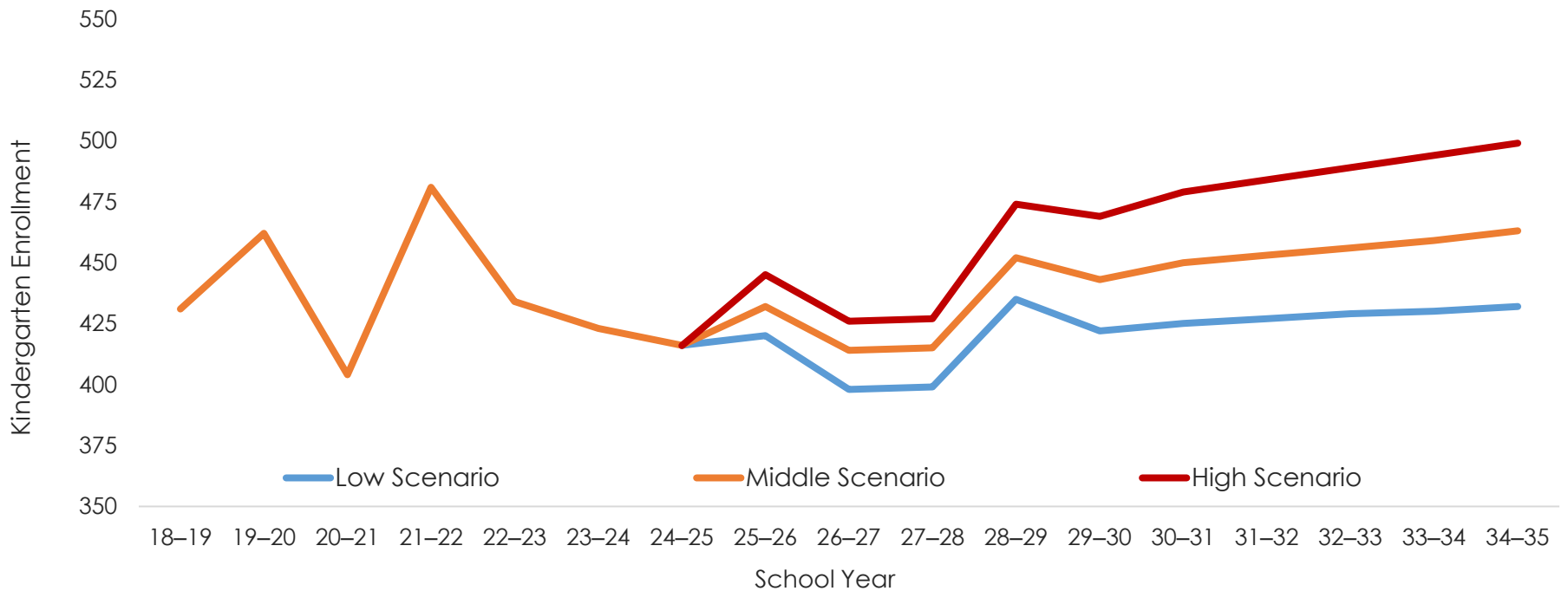
Enrollment includes students residing outside of the district boundary. Birth cohorts are aligned with K cohorts (e.g., the 18-19 birth year includes births from September 2018 to August 2019, which is the 24-25 K year). The ratio is calculated by dividing K enrollment by the births five years earlier (e.g., 24-25 K divided by 18-19 births). Births from 2024 to 2029, which inform K classes beginning with the 29-30 school year, were forecasted based on projections of women of childbearing age and estimated age-specific birth rates. Darker shading represents higher values and lighter shading represents lower values.

Sources

Washington Department of Health 2012 to 2023 births to mothers residing within the district boundary and FLO 2024 to 2029 birth forecasts. Tumwater School District October 2018-19 to 2024-25 enrollment and FLO October 2025-26 to 2034-35 enrollment forecasts (middle scenario).

Figure 16: Kindergarten Enrollment and Ratio to Births

Scenario	K Enrollment							Forecasts →									
	18–19	19–20	20–21	21–22	22–23	23–24	24–25	25–26	26–27	27–28	28–29	29–30	30–31	31–32	32–33	33–34	34–35
Low							416	420	398	399	435	422	425	427	429	430	432
Ratio to Births							0.99	0.99	1.01	1.01	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Middle	431	462	404	481	434	423	416	432	414	415	452	443	450	453	456	459	463
Ratio to Births	1.06	1.08	0.94	1.12	1.02	1.01	0.99	1.02	1.05	1.05	1.03	1.03	1.03	1.03	1.03	1.03	1.03
High							416	445	426	427	474	469	479	484	489	494	499
Ratio to Births							0.99	1.05	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08



Notes

Enrollment includes students residing outside of the district boundary. Birth cohorts are aligned with K cohorts (e.g., the 18–19 birth year includes births from September 2018 to August 2019, which is the 24–25 K year). The ratio is calculated by dividing K enrollment by the births five years earlier (e.g., 24–25 K divided by 18–19 births). Births from 2024 to 2029, which inform K classes beginning with the 29–30 school year, were forecasted based on projections of women of childbearing age and estimated age-specific birth rates. Darker shading represents higher values and lighter shading represents lower values.

Sources

Washington Department of Health 2012 to 2023 births to mothers residing within the district boundary and FLO 2024 to 2029 birth forecasts. Tumwater School District October 2018–19 to 2024–25 enrollment and FLO October 2025–26 to 2034–35 enrollment forecasts (low, middle, and high scenarios).

Figure 17: Grade Progression Ratios – Middle Scenario

Grade Progression Ratios	2018–19 to 2019–20	2019–20 to 2020–21	2020–21 to 2021–22	2021–22 to 2022–23	2022–23 to 2023–24	2023–24 to 2024–25	2024–25 to 2025–26	2025–26 to 2026–27	2026–27 to 2034–35
K–1	1.00	0.94	1.05	1.03	1.05	1.00	1.03	1.03	1.03
1–2	0.99	1.00	1.04	1.01	0.97	0.99	1.00	1.00	1.00
2–3	1.02	0.97	1.05	1.02	1.00	1.01	1.01	1.01	1.01
3–4	0.99	0.97	1.05	0.99	0.98	1.03	1.01	1.01	1.01
4–5	0.99	0.99	1.05	1.01	1.01	1.06	1.01	1.01	1.01
5–6	1.03	0.99	1.06	0.98	0.95	1.01	1.00	1.00	1.00
6–7	0.99	0.95	0.98	0.97	0.96	1.03	1.00	1.00	1.00
7–8	0.99	1.02	1.05	0.98	1.00	1.01	1.00	1.00	1.00
8–9	1.05	1.08	1.08	1.11	1.08	1.05	1.08	1.08	1.08
9–10	1.00	1.00	1.03	0.97	1.02	1.02	1.00	1.00	1.00
10–11	0.91	0.90	0.99	0.96	0.99	0.93	0.96	0.96	0.96
11–12	0.97	1.05	1.07	1.00	0.99	1.01	1.00	1.00	1.00

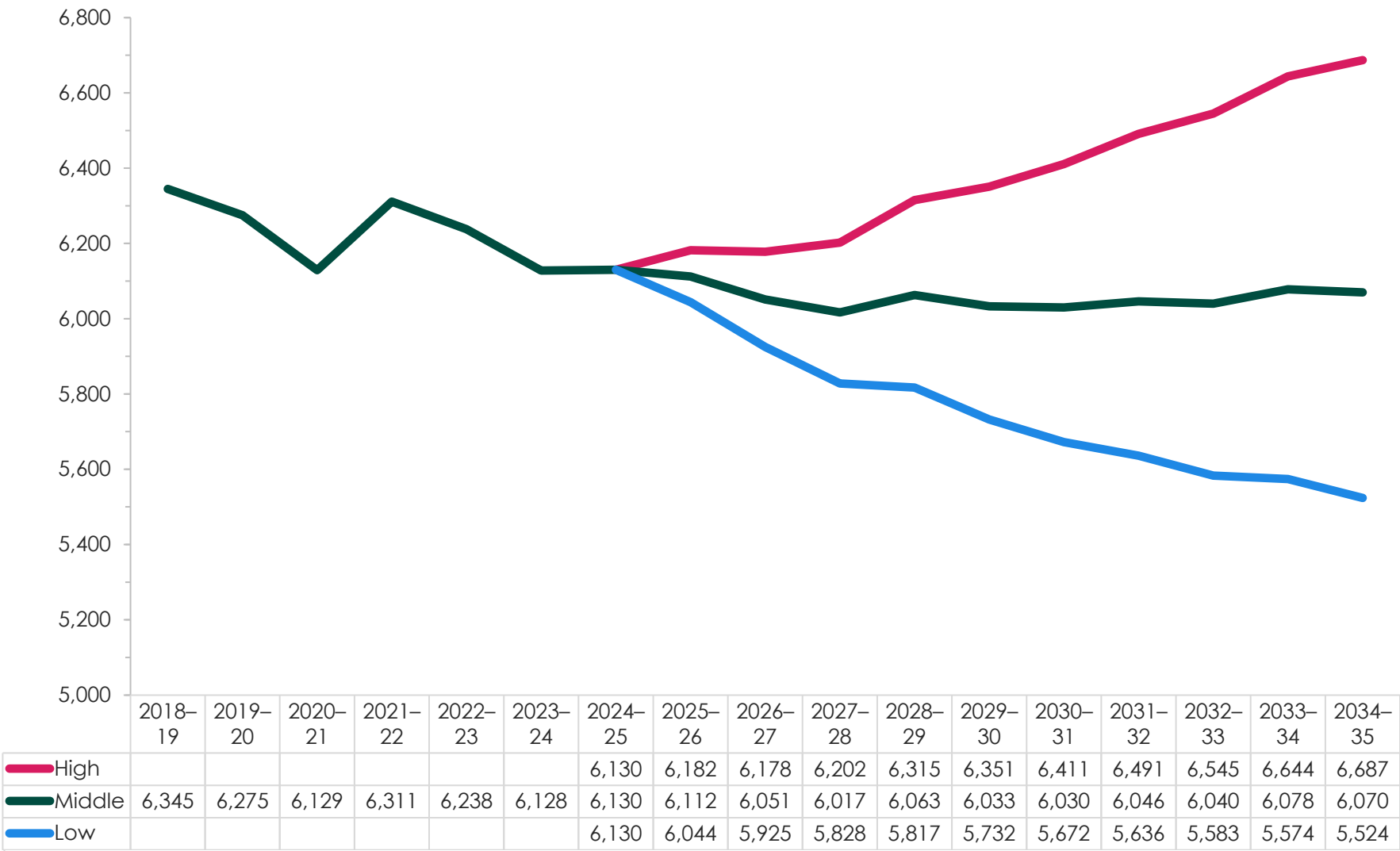
Notes

Grade progression ratios (GPRs) are calculated as the ratio of enrollment in a specific grade in a given year to the enrollment of the same age cohort in the previous year. GPRs quantify how cohort sizes change as students progress from one grade to the next, accounting for new students that join an existing cohort and for students that do not advance to the next grade. For instance, 100 kindergarteners in 2018–19 becoming 105 first graders in 2019–20 yields a K–1 GPR of 1.05. A GPR value greater than 1.00 (green color) indicates that the student cohort increased in size from one grade to the next. Conversely, a GPR value less than 1.00 (blue color) indicates that the student cohort decreased in size from one grade to the next. Darker shades of green represent higher values and darker shades of blue represent lower values.

Sources

Tumwater School District October 2018–19 to 2024–25 enrollment and FLO October 2025–26 to 2034–35 enrollment forecasts (middle scenario).

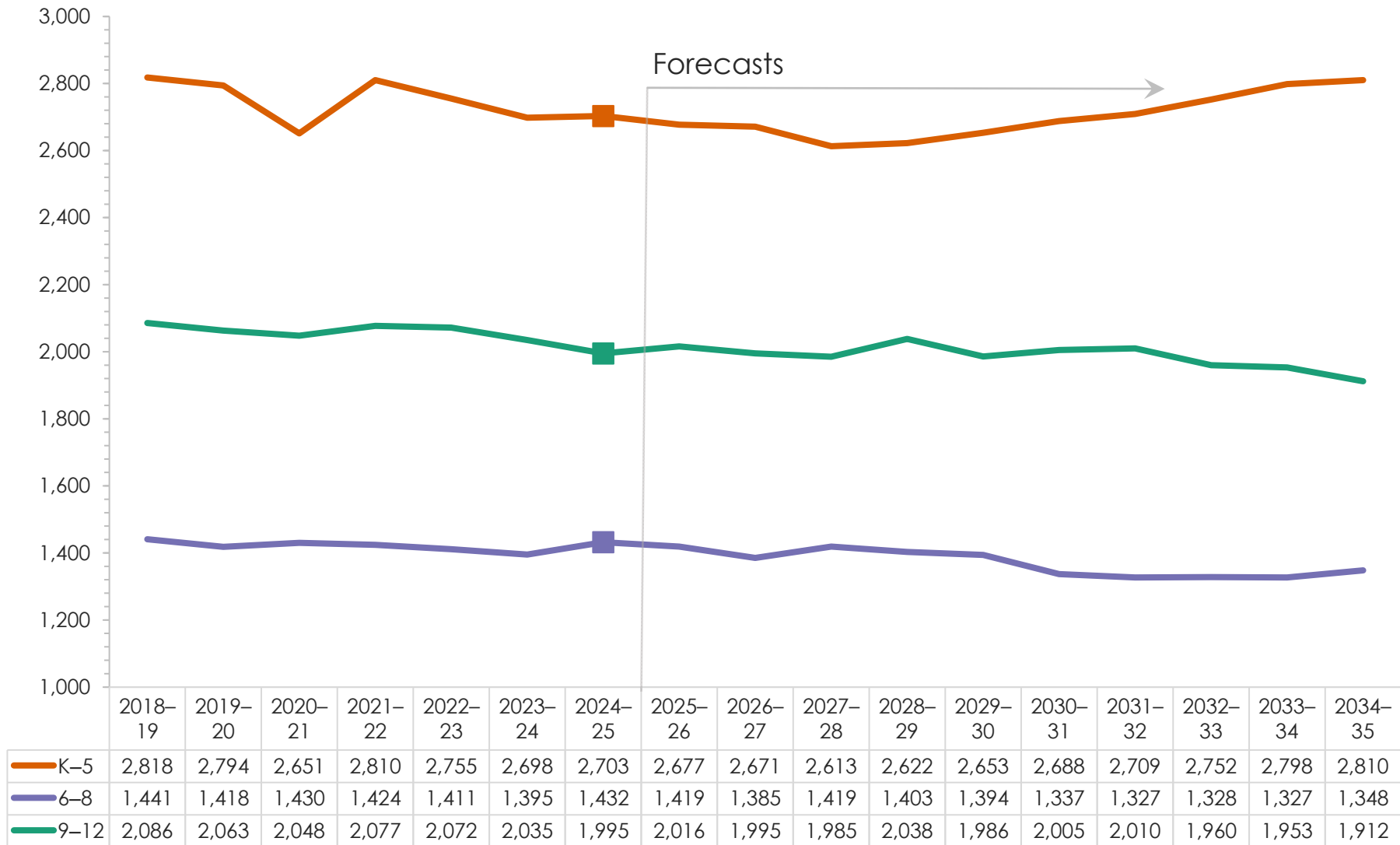
Figure 18: District-wide Enrollment Forecasts – Low, Middle, and High Scenarios



Notes
Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Sources
Tumwater School District October 2018–19 to 2024–25 enrollment and FLO October 2025–26 to 2034–35 enrollment forecasts (low, middle, and high scenarios).

Figure 19: District-wide Enrollment Forecasts by Grade Group – Middle Scenario



Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Sources

Tumwater School District October 2018–19 to 2024–25 enrollment and FLO October 2025–26 to 2034–35 enrollment forecasts (middle scenario).

Figure 20: Enrollment Forecasts by Individual Grade – Low Scenario

Grade	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32	2032–33	2033–34	2034–35
K	416	420	398	399	435	422	425	427	429	430	432
1	425	424	437	406	407	444	430	433	435	437	438
2	452	419	418	431	401	402	438	424	427	429	431
3	487	452	419	418	431	401	402	438	424	427	429
4	441	487	452	419	418	431	401	402	438	424	427
5	482	441	487	452	419	418	431	401	402	438	424
6	460	475	435	480	446	413	412	425	395	396	432
7	477	455	470	430	475	441	409	408	421	391	392
8	495	474	452	467	427	472	438	406	405	418	389
9	466	531	508	484	500	458	506	469	435	434	448
10	511	463	528	505	481	497	455	503	466	433	432
11	522	485	440	501	480	457	472	432	478	443	411
12	496	518	481	436	497	476	453	468	428	474	439
K–5	2,703	2,643	2,611	2,525	2,511	2,518	2,527	2,525	2,555	2,585	2,581
6–8	1,432	1,404	1,357	1,377	1,348	1,326	1,259	1,239	1,221	1,205	1,213
<u>9–12</u>	<u>1,995</u>	<u>1,997</u>	<u>1,957</u>	<u>1,926</u>	<u>1,958</u>	<u>1,888</u>	<u>1,886</u>	<u>1,872</u>	<u>1,807</u>	<u>1,784</u>	<u>1,730</u>
K–12	6,130	6,044	5,925	5,828	5,817	5,732	5,672	5,636	5,583	5,574	5,524

Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Darker shading represents higher values and lighter shading represents lower values.

Sources

Tumwater School District October 2024–25 enrollment and FLO 2025–26 to 2034–35 enrollment forecasts (low scenario).

Figure 21: Enrollment Forecasts by Individual Grade – Middle Scenario

Grade	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32	2032–33	2033–34	2034–35
K	416	432	414	415	452	443	450	453	456	459	463
1	425	428	445	426	427	465	456	463	466	469	473
2	452	424	427	443	425	426	463	454	461	464	467
3	487	457	428	431	447	429	430	468	459	466	469
4	441	491	461	432	435	451	433	434	472	463	470
5	482	445	496	466	436	439	456	437	438	477	468
6	460	480	443	494	464	434	437	454	435	436	475
7	477	460	480	443	494	464	434	437	454	435	436
8	495	479	462	482	445	496	466	436	439	456	437
9	466	535	518	500	521	481	537	504	472	475	493
10	511	468	537	520	502	523	483	539	506	474	477
11	522	490	449	515	499	482	502	464	517	486	455
12	496	523	491	450	516	500	483	503	465	518	487
K–5	2,703	2,677	2,671	2,613	2,622	2,653	2,688	2,709	2,752	2,798	2,810
6–8	1,432	1,419	1,385	1,419	1,403	1,394	1,337	1,327	1,328	1,327	1,348
9–12	<u>1,995</u>	<u>2,016</u>	<u>1,995</u>	<u>1,985</u>	<u>2,038</u>	<u>1,986</u>	<u>2,005</u>	<u>2,010</u>	<u>1,960</u>	<u>1,953</u>	<u>1,912</u>
K–12	6,130	6,112	6,051	6,017	6,063	6,033	6,030	6,046	6,040	6,078	6,070

Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Darker shading represents higher values and lighter shading represents lower values.

Sources

Tumwater School District October 2024–25 enrollment and FLO 2025–26 to 2034–35 enrollment forecasts (middle scenario).

Figure 22: Enrollment Forecasts by Individual Grade – High Scenario

Grade	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32	2032–33	2033–34	2034–35
K	416	445	426	427	474	469	479	484	489	494	499
1	425	432	454	443	444	493	488	498	503	508	514
2	452	428	435	457	446	447	496	491	501	506	511
3	487	461	437	444	466	455	456	506	501	511	516
4	441	496	470	445	452	475	464	465	516	511	521
5	482	450	506	479	454	461	484	473	474	526	521
6	460	485	453	509	482	457	464	487	476	477	529
7	477	464	490	457	514	487	461	468	492	481	482
8	495	484	470	497	463	521	494	467	474	499	488
9	466	540	528	513	543	505	569	539	510	517	545
10	511	473	548	536	520	551	512	577	547	517	524
11	522	496	459	531	520	504	534	496	560	530	501
12	496	528	502	464	537	526	510	540	502	567	536
K–5	2,703	2,712	2,728	2,695	2,736	2,800	2,867	2,917	2,984	3,056	3,082
6–8	1,432	1,433	1,413	1,463	1,459	1,465	1,419	1,422	1,442	1,457	1,499
9–12	<u>1,995</u>	<u>2,037</u>	<u>2,037</u>	<u>2,044</u>	<u>2,120</u>	<u>2,086</u>	<u>2,125</u>	<u>2,152</u>	<u>2,119</u>	<u>2,131</u>	<u>2,106</u>
K–12	6,130	6,182	6,178	6,202	6,315	6,351	6,411	6,491	6,545	6,644	6,687

Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Darker shading represents higher values and lighter shading represents lower values.

Sources

Tumwater School District October 2024–25 enrollment and FLO 2025–26 to 2034–35 enrollment forecasts (high scenario).

Figure 23: Enrollment Forecasts by School

School Name	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2034–35
Black Lake ES	383	385	379	381	395	400	450
East Olympia ES	566	554	565	543	526	534	579
Littlerock ES	342	342	328	308	312	316	315
Michael T Simmons ES	430	418	419	417	418	431	491
Peter G Schmidt ES	591	588	599	594	593	593	594
Tumwater Hill ES	391	390	381	370	378	379	381
K–5 Total	2,703	2,677	2,671	2,613	2,622	2,653	2,810

George Bush MS	765	772	749	774	770	758	706
Tumwater MS	667	647	636	645	633	636	642
6–8 Total	1,432	1,419	1,385	1,419	1,403	1,394	1,348

Black Hills HS	716	750	766	772	797	787	758
Tumwater HS	1,088	1,075	1,038	1,022	1,050	1,008	963
Cascadia HS	130	130	130	130	130	130	130
New Market HS	61	61	61	61	61	61	61
9–12 Total	1,995	2,016	1,995	1,985	2,038	1,986	1,912

K–12 Total	6,130	6,112	6,051	6,017	6,063	6,033	6,070
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Notes

Students enrolled in preschool, Open Doors, full-time Running Start, and non-resident students enrolled at New Market Skills Center are excluded from analysis.

Sources

Tumwater School District October 2024–25 enrollment and FLO October 2025–26 to 2029–30 and 2034–35 enrollment forecasts (consistent with districtwide middle scenario).