

Semester 1 Advanced Math Enrollment Trends

School Years
2018-19 through 2025-26

Ashland High School

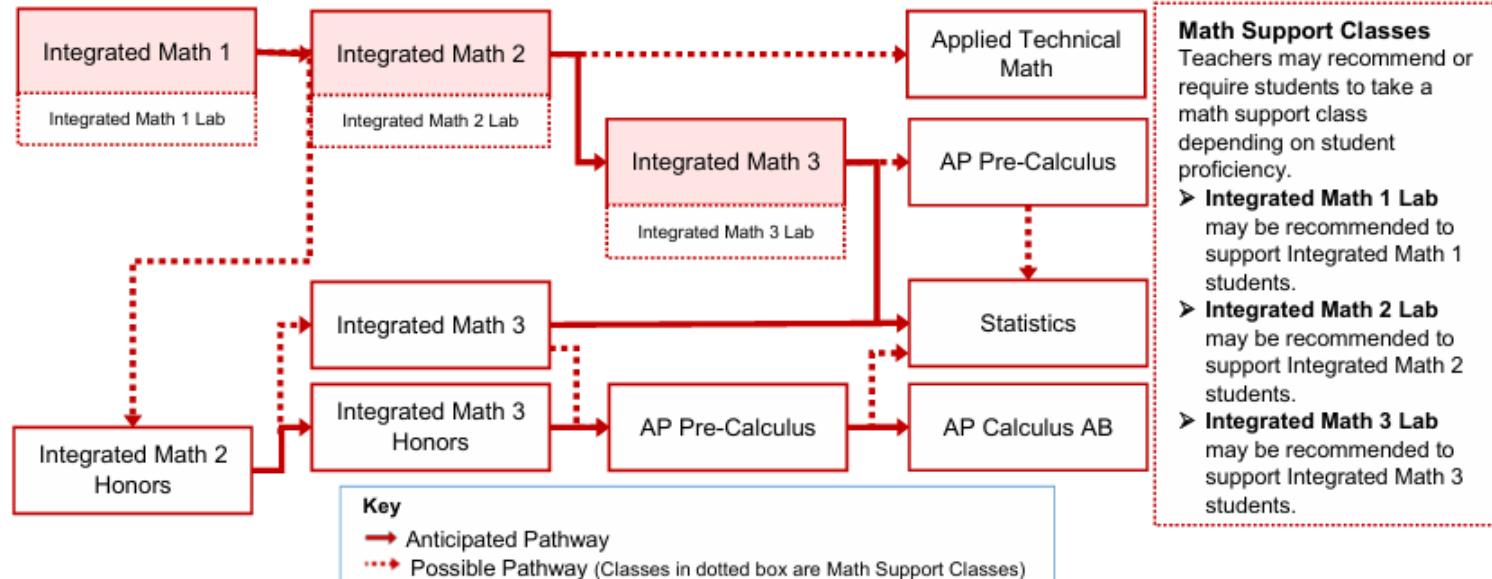
Board Questions

- What has the trend been for 8th graders accessing advanced math at AHS?
- Trends for AP Calculus enrollment
- How has the new math curriculum impacted 9th grade student success?

Ashland High School Math Course Progressions

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Mathematics



Math Support Classes

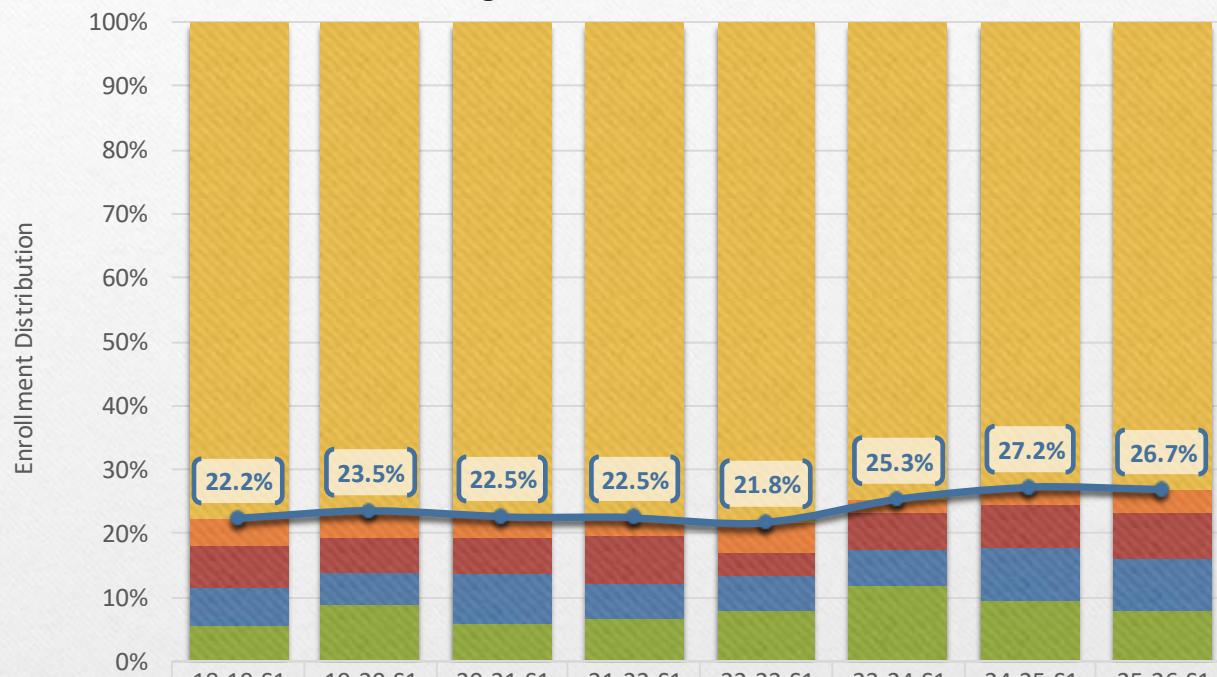
Teachers may recommend or require students to take a math support class depending on student proficiency.

➤ **Integrated Math 1 Lab** may be recommended to support Integrated Math 1 students.

➤ **Integrated Math 2 Lab** may be recommended to support Integrated Math 2 students.

➤ **Integrated Math 3 Lab** may be recommended to support Integrated Math 3 students.

All Students
Semester 1 Advanced Math Enrollments
2018-19 through 2025-26

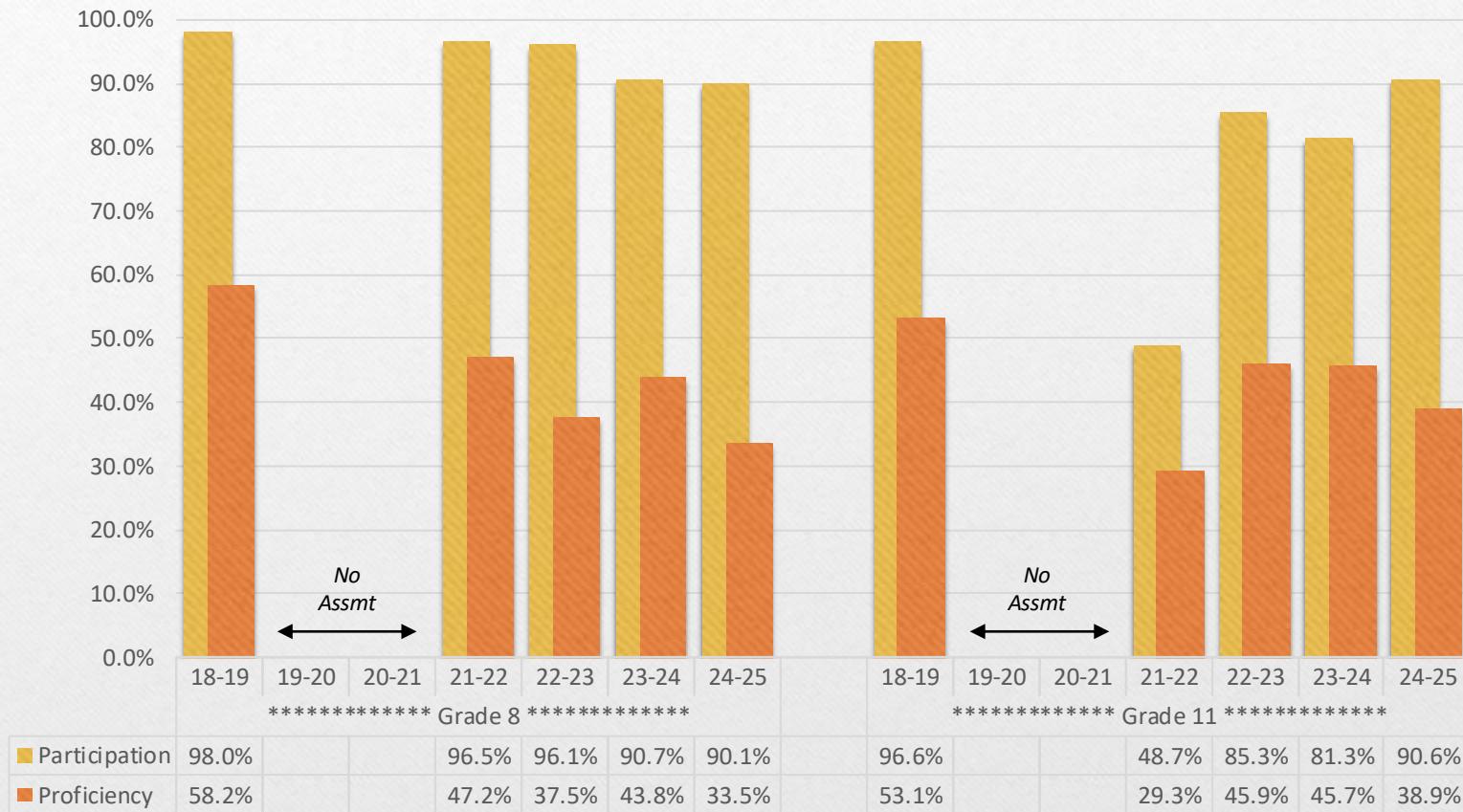


No Class	77.8%	76.5%	77.5%	77.5%	78.2%	74.7%	72.8%	73.3%
AP Calculus AB / AP Calculus BC	4.1%	4.2%	3.3%	2.9%	4.8%	2.1%	2.7%	3.5%
AP Pre-Calculus / Pre-Calculus	6.7%	5.3%	5.6%	7.5%	3.6%	5.7%	6.5%	7.1%
Integrated Math 3 Honors / Algebra 2 Honors	6.1%	5.1%	7.7%	5.4%	5.4%	5.7%	8.5%	8.1%
Integrated Math 2 Honors / Geometry Honors	5.4%	8.8%	5.9%	6.6%	7.9%	11.7%	9.5%	8.1%
All AHS Enrolled in 1+ Adv Math Class	22.2%	23.5%	22.5%	22.5%	21.8%	25.3%	27.2%	26.7%

All Ashland School District Students Grades 8 & 11

Mathematics State Assessment Results

2018-19 through 2024-25



Proficiency: Assessment scores of 3 or higher

2019-20 and 2020-21 school years impacted by COVID-19 pandemic

Assessment Data Source: Oregon Dept. of Education Assessment Group Reports

Advanced Math Enrollments Grades 8 & 9

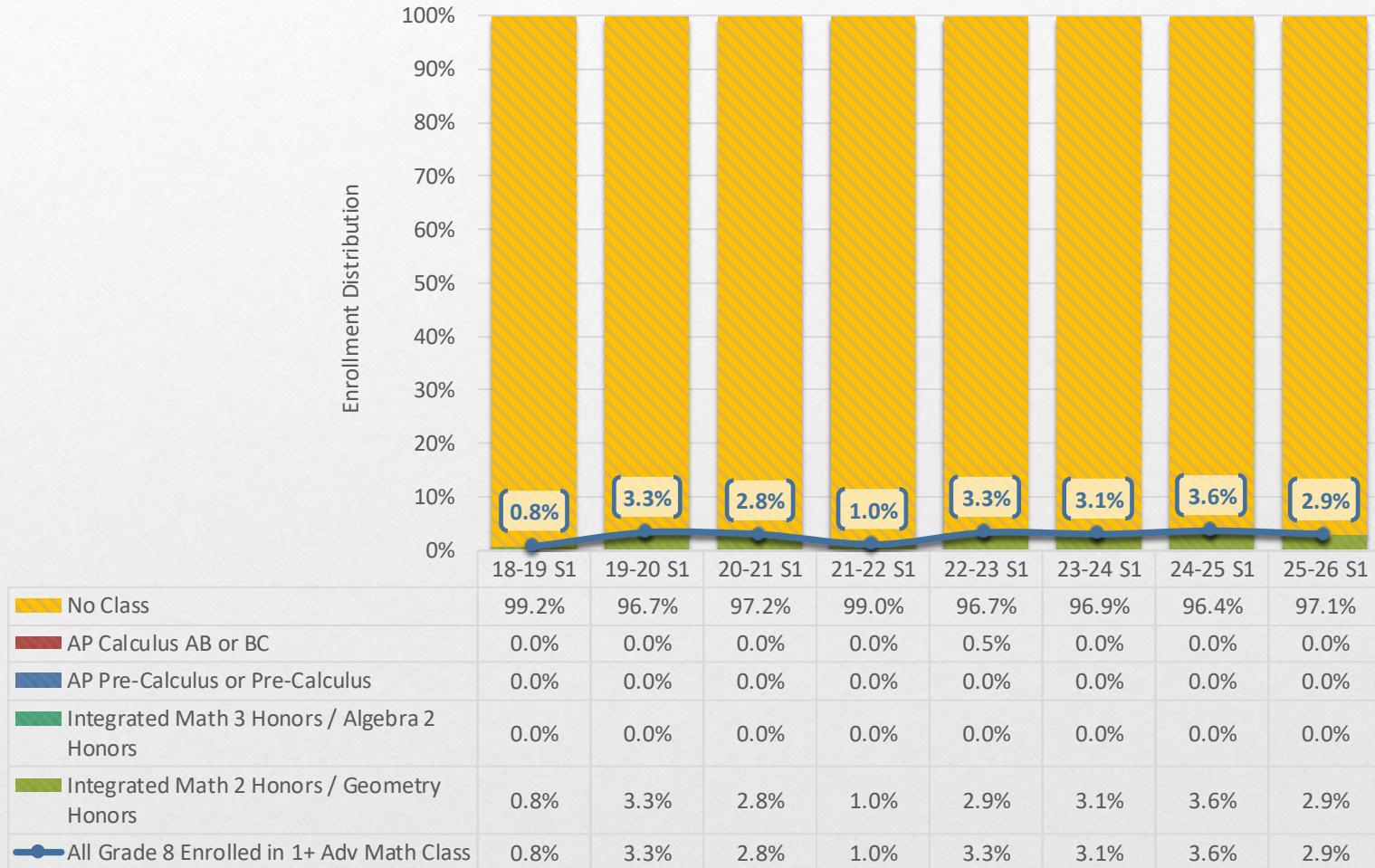
Multi-Year Semester 1 Comparison

2018-19 through 2025-26

Grade 8 Enrollments at AHS

Semester 1 Advanced Math Enrollments

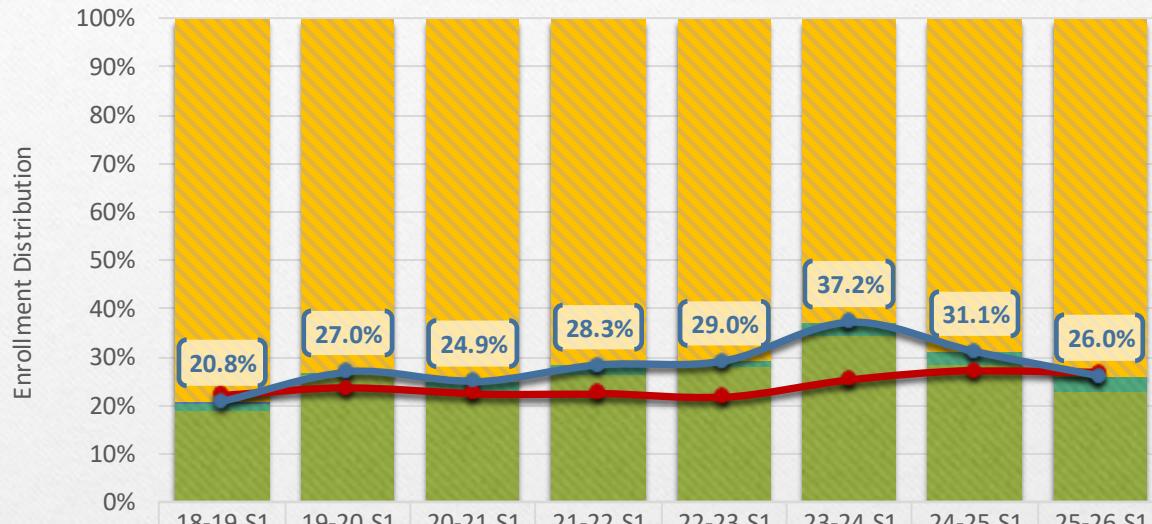
2018-19 through 2025-26



Grade 9

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26



	18-19 S1	19-20 S1	20-21 S1	21-22 S1	22-23 S1	23-24 S1	24-25 S1	25-26 S1
No Class	79.2%	73.0%	75.1%	71.7%	71.0%	62.8%	68.9%	74.0%
AP Calculus AB or BC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AP Pre-Calculus or Pre-Calculus	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Integrated Math 3 Honors / Algebra 2 Honors	1.5%	0.7%	2.7%	1.8%	0.8%	2.7%	2.6%	3.3%
Integrated Math 2 Honors / Geometry Honors	18.9%	26.3%	22.2%	26.5%	28.2%	34.5%	28.5%	22.8%
All AHS Enrolled in 1+ Adv Math Class	22.2%	23.5%	22.5%	22.5%	21.8%	25.3%	27.2%	26.7%
All Grade 9 Enrolled in 1+ Adv Math Class	20.8%	27.0%	24.9%	28.3%	29.0%	37.2%	31.1%	26.0%
Difference in Participation	-1.4%	3.5%	2.3%	5.8%	7.3%	11.9%	3.9%	-0.7%

Advanced Math Enrollments by Focal Groups

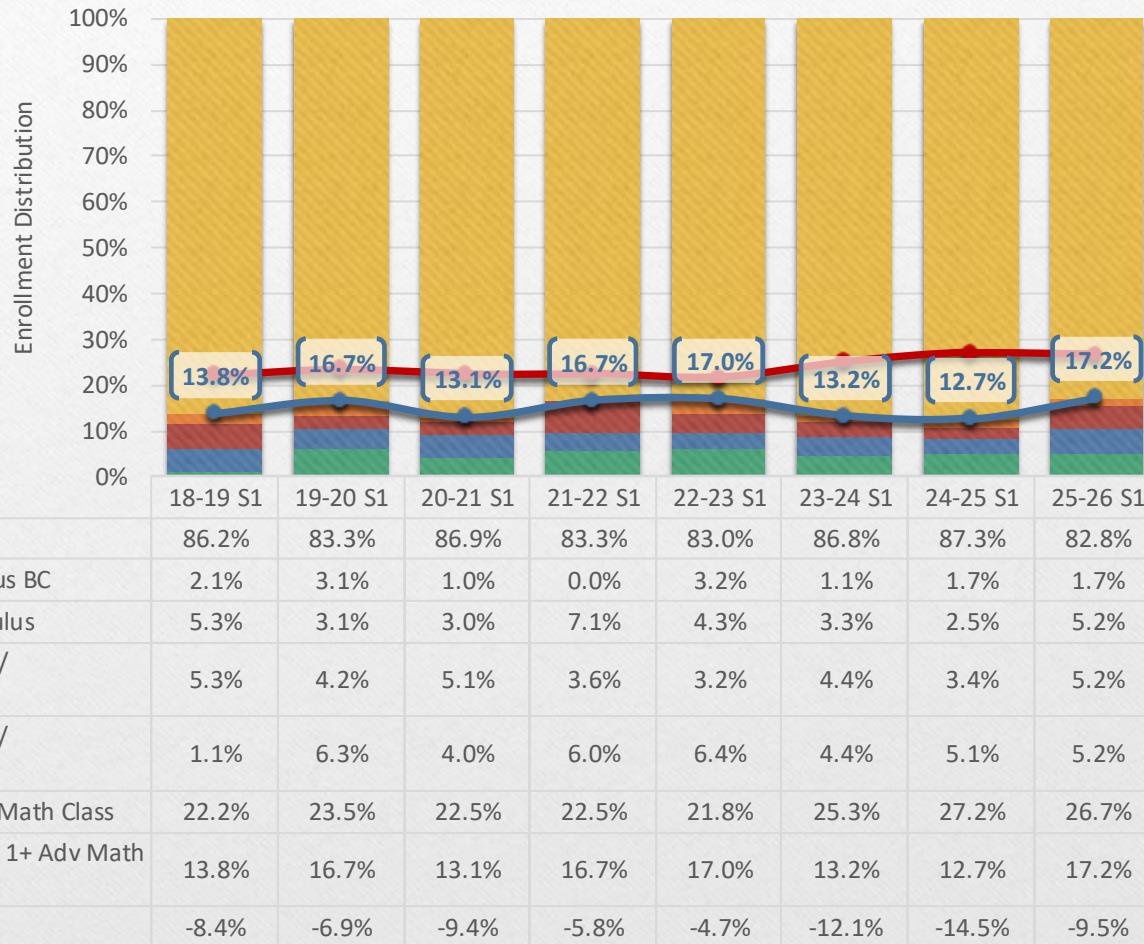
Multi-Year Semester 1 Comparison

2018-19 through 2025-26

Students with 504 Plans

Semester 1 Advanced Math Enrollments

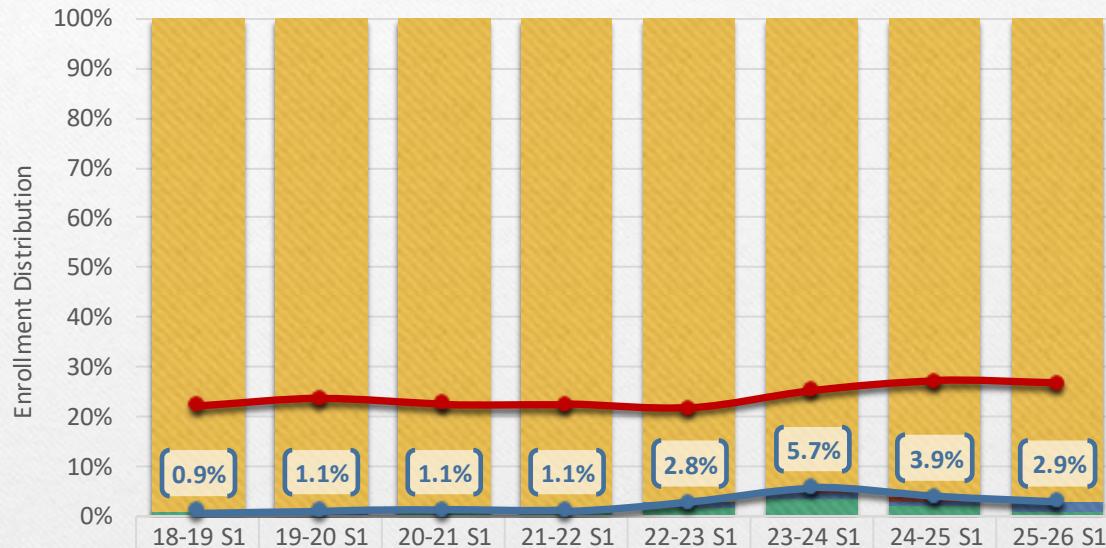
2018-19 through 2025-26



Special Education Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

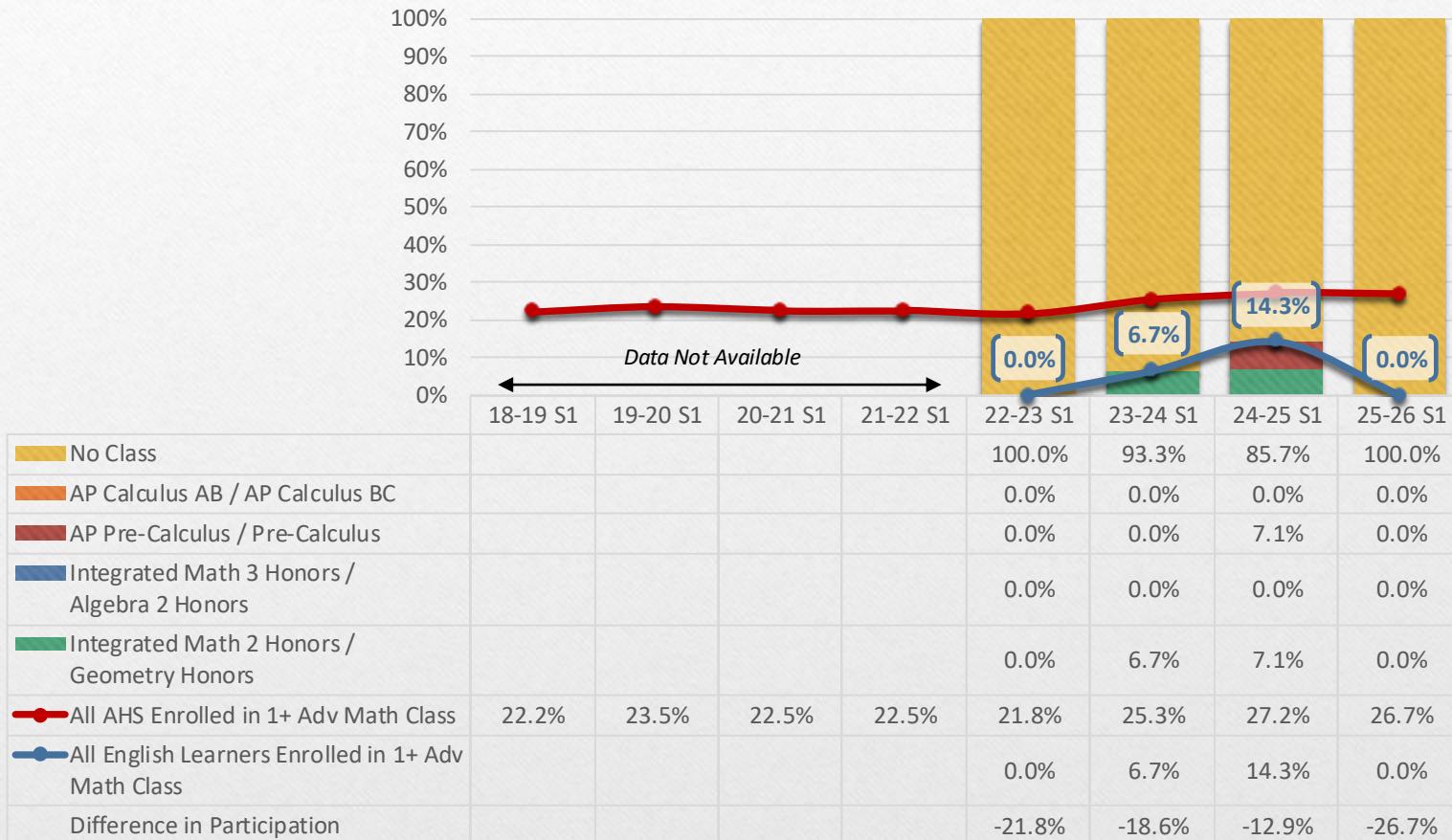


No Class	99.1%	98.9%	98.9%	98.9%	97.2%	94.3%	96.1%	97.1%
AP Calculus AB / AP Calculus BC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AP Pre-Calculus / Pre-Calculus	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%
Integrated Math 3 Honors / Algebra 2 Honors	0.0%	1.1%	0.0%	0.0%	0.9%	1.0%	1.0%	1.9%
Integrated Math 2 Honors / Geometry Honors	0.9%	0.0%	1.1%	1.1%	1.9%	3.8%	2.0%	1.0%
All AHS Enrolled in 1+ Adv Math Class	22.2%	23.5%	22.5%	22.5%	21.8%	25.3%	27.2%	26.7%
All SpEd Stu Enrolled in 1+ Adv Math Class	0.9%	1.1%	1.1%	1.1%	2.8%	5.7%	3.9%	2.9%
Difference in Participation	-21.3%	-22.4%	-21.4%	-21.4%	-19.0%	-19.6%	-23.2%	-23.9%

English Learners

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

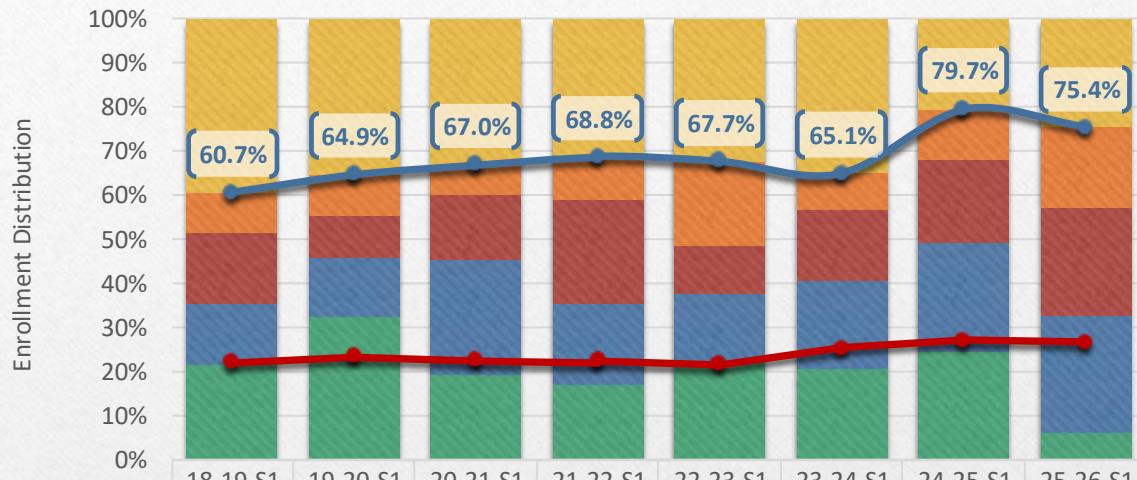


Percentages for the 2018-19 through 2021-22 school years have been hidden to protect personally-identifiable information, as there were fewer than 10 English Learner students at Ashland High School during each of those school years.

Talented and Gifted Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26



	18-19 S1	19-20 S1	20-21 S1	21-22 S1	22-23 S1	23-24 S1	24-25 S1	25-26 S1
No Class	39.3%	35.1%	33.0%	31.2%	32.3%	34.9%	20.3%	24.6%
AP Calculus AB / AP Calculus BC	8.9%	9.5%	6.8%	9.7%	19.4%	8.1%	11.6%	18.0%
AP Pre-Calculus / Pre-Calculus	16.1%	9.5%	14.8%	23.7%	10.8%	16.3%	18.8%	24.6%
Integrated Math 3 Honors / Algebra 2 Honors	14.3%	13.5%	26.1%	18.3%	15.1%	19.8%	24.6%	26.2%
Integrated Math 2 Honors / Geometry Honors	21.4%	32.4%	19.3%	17.2%	22.6%	20.9%	24.6%	6.6%
All AHS Enrolled in 1+ Adv Math Class	22.2%	23.5%	22.5%	22.5%	21.8%	25.3%	27.2%	26.7%
All TAG Students Enrolled in 1+ Adv Math Class	60.7%	64.9%	67.0%	68.8%	67.7%	65.1%	79.7%	75.4%
Difference in Participation	38.5%	41.3%	44.5%	46.3%	46.0%	39.8%	52.5%	48.7%

Advanced Math Enrollments by Gender

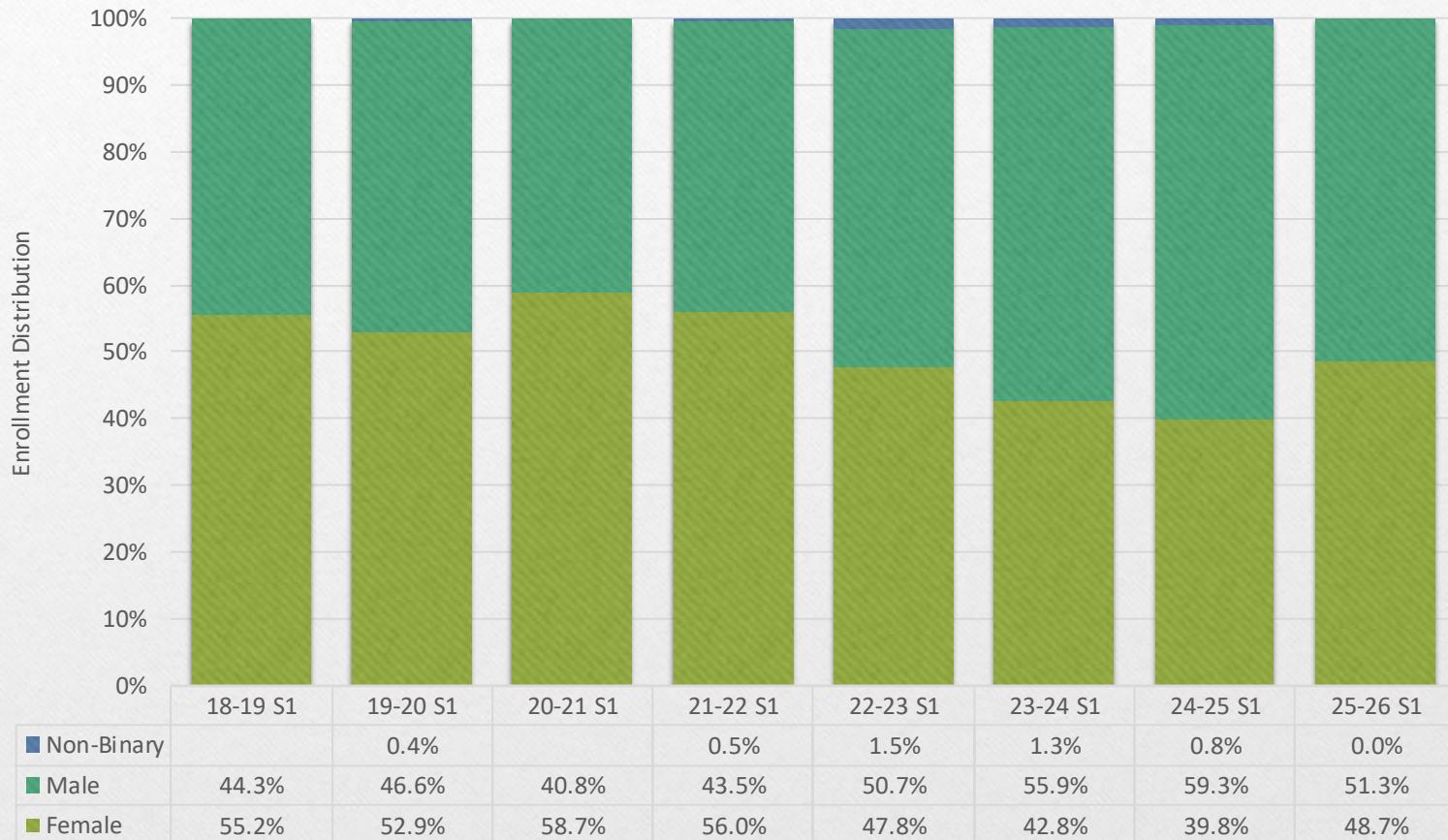
Multi-Year Semester 1 Comparison

2018-19 through 2025-26

Gender Distribution

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

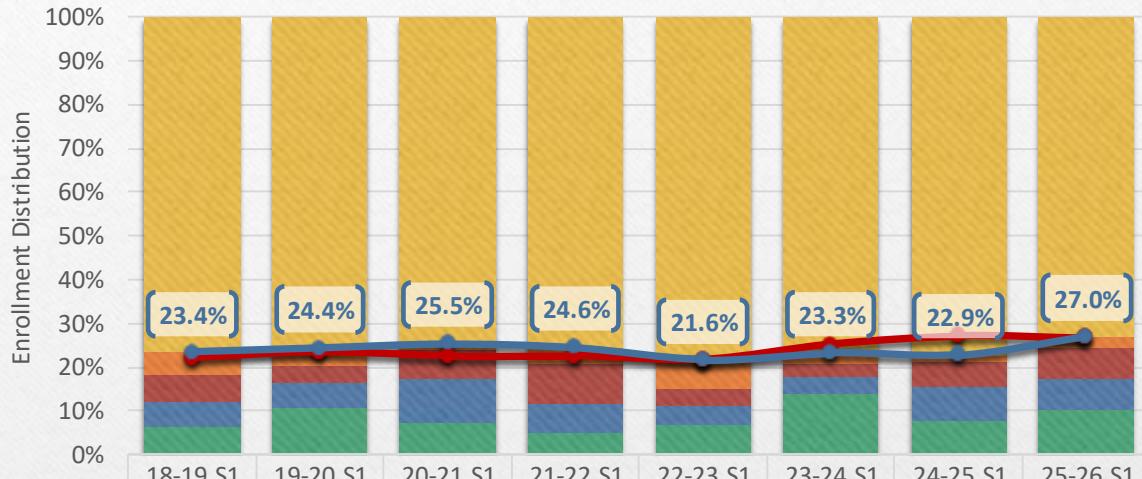


Percentages for the 2018-19 and 2020-21 school years have been hidden to protect personally-identifiable information, as there were fewer than 10 students identified as Non-Binary at Ashland High School during each of those school years.

Female Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

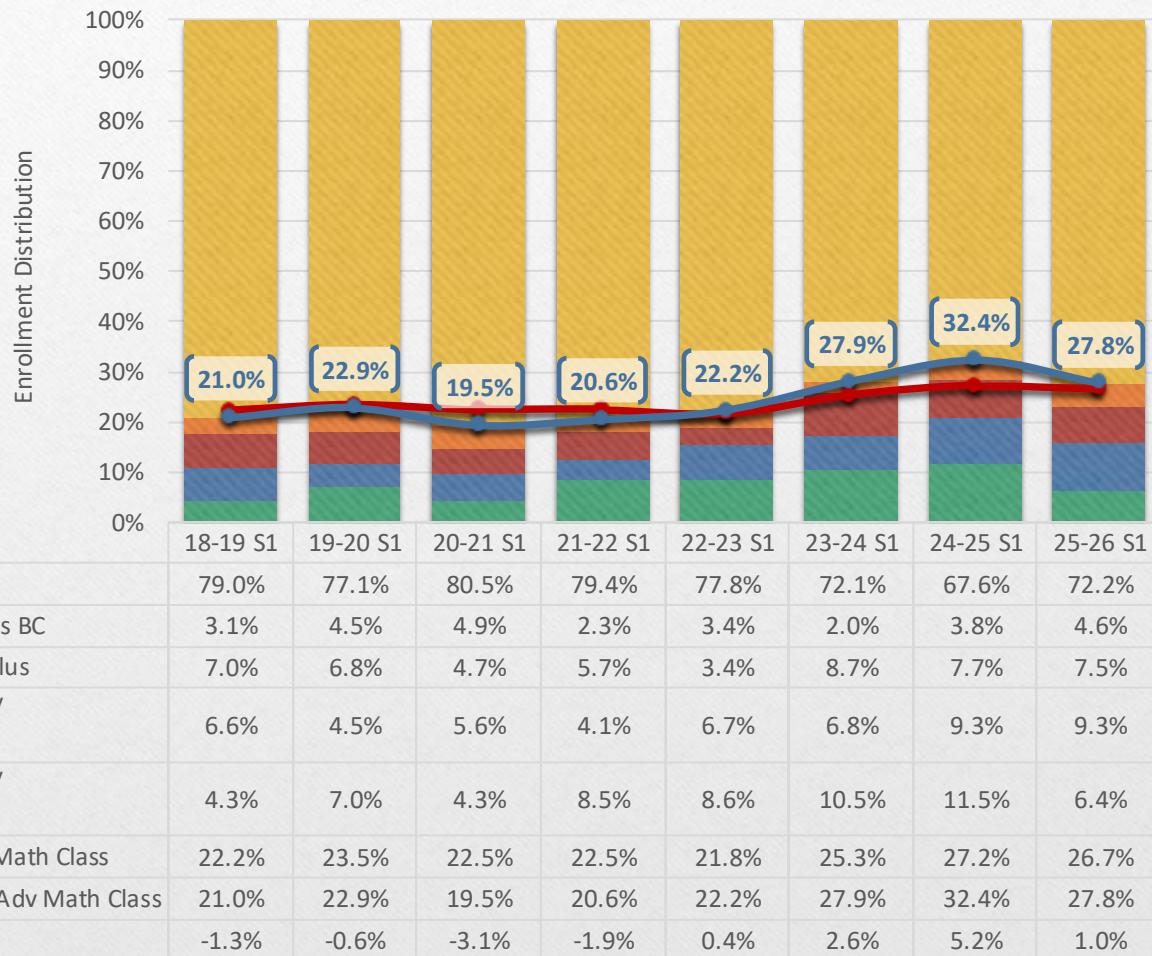


	18-19 S1	19-20 S1	20-21 S1	21-22 S1	22-23 S1	23-24 S1	24-25 S1	25-26 S1
No Class	76.6%	75.6%	74.5%	75.4%	78.4%	76.7%	77.1%	73.0%
AP Calculus AB / AP Calculus BC	5.0%	4.1%	1.6%	3.6%	6.5%	2.4%	1.7%	2.6%
AP Pre-Calculus / Pre-Calculus	6.4%	3.9%	6.5%	9.3%	4.0%	2.9%	5.5%	7.0%
Integrated Math 3 Honors / Algebra 2 Honors	5.5%	5.8%	9.8%	6.6%	4.2%	4.3%	7.9%	7.2%
Integrated Math 2 Honors / Geometry Honors	6.4%	10.6%	7.5%	5.1%	6.9%	13.8%	7.9%	10.3%
All AHS Enrolled in 1+ Adv Math Class	22.2%	23.5%	22.5%	22.5%	21.8%	25.3%	27.2%	26.7%
All Female Stu Enrolled in 1+ Adv Math Class	23.4%	24.4%	25.5%	24.6%	21.6%	23.3%	22.9%	27.0%
Difference in Participation	1.1%	0.9%	2.9%	2.2%	-0.2%	-2.0%	-4.3%	0.3%

Male Students

Semester 1 Advanced Math Enrollments

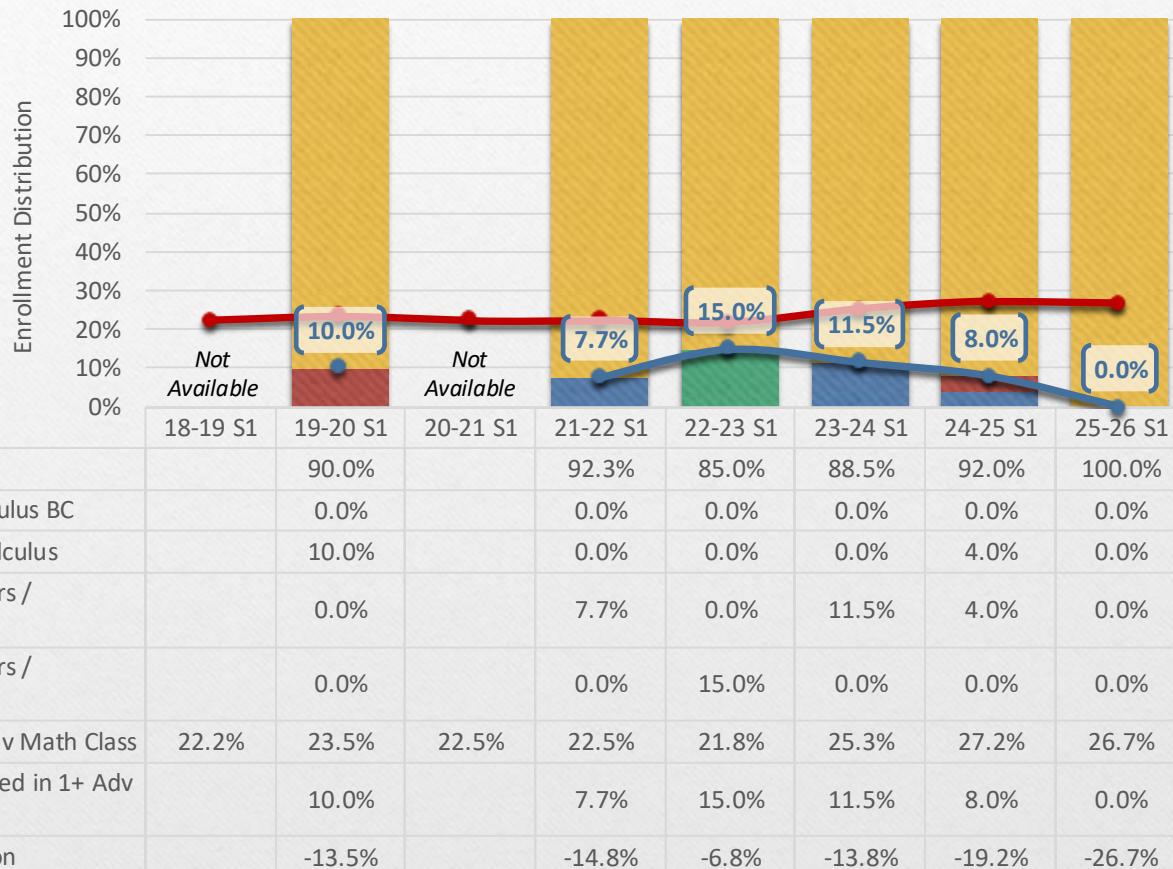
2018-19 through 2025-26



Non-Binary Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26



Percentages for the 2018-19 and 2020-21 school years have been hidden to protect personally-identifiable information, as there were fewer than 10 students identified as Non-Binary at Ashland High School during each of those school years.

Advanced Math Enrollments by Race & Ethnicity

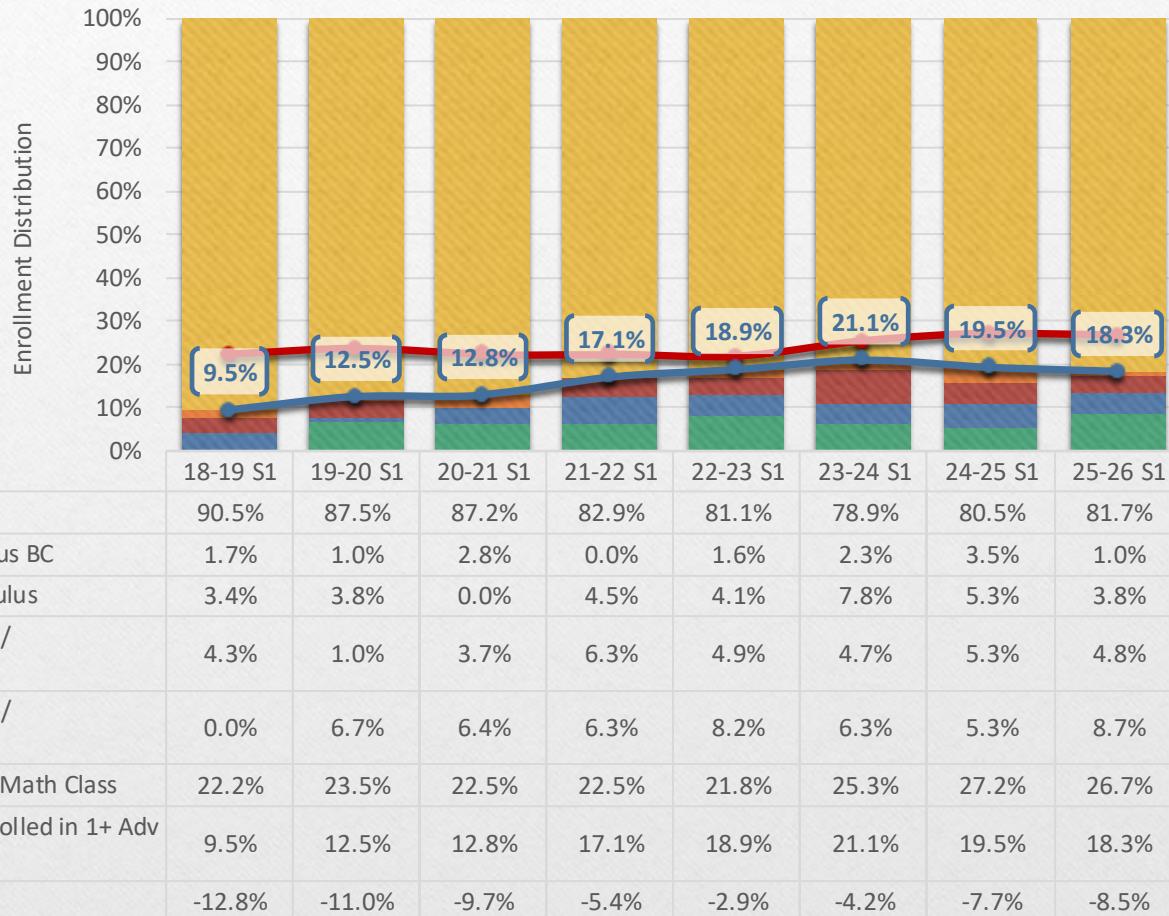
Multi-Year Semester 1 Comparison

2018-19 through 2025-26

Hispanic or Latino Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

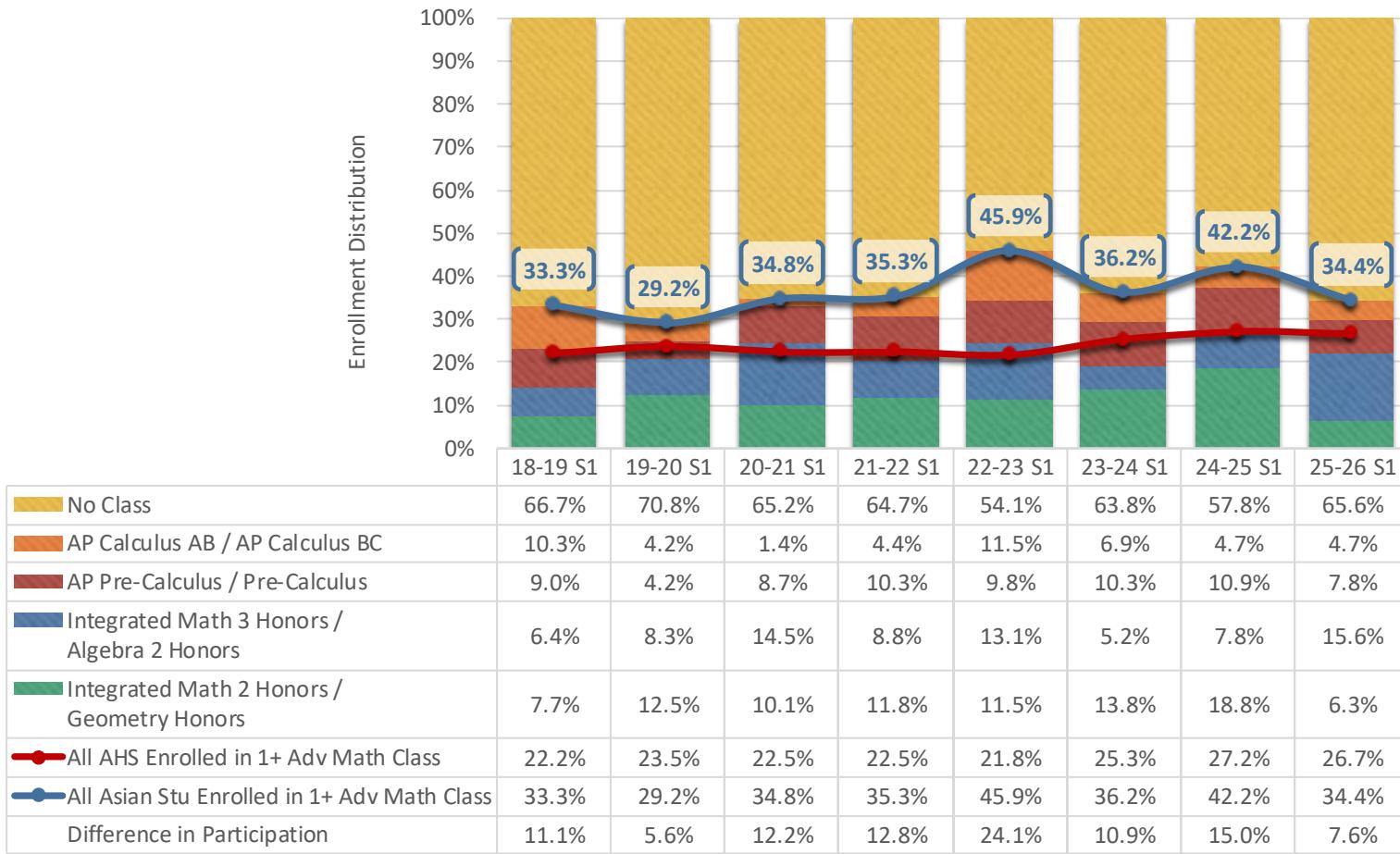


Students are included in each of their family-selected or self-identified race and ethnicity categories.

Asian Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

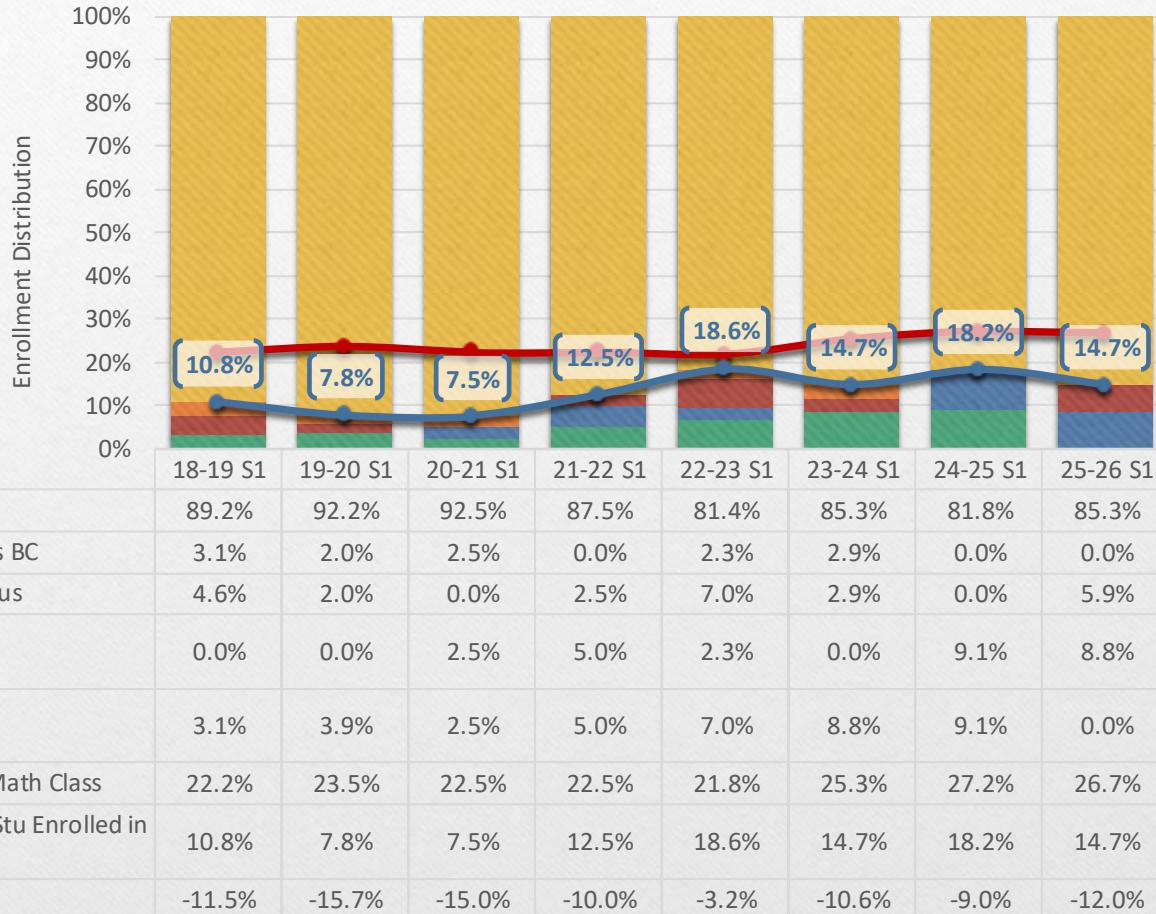


Students are included in each of their family-selected or self-identified race and ethnicity categories.

Black or African American Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

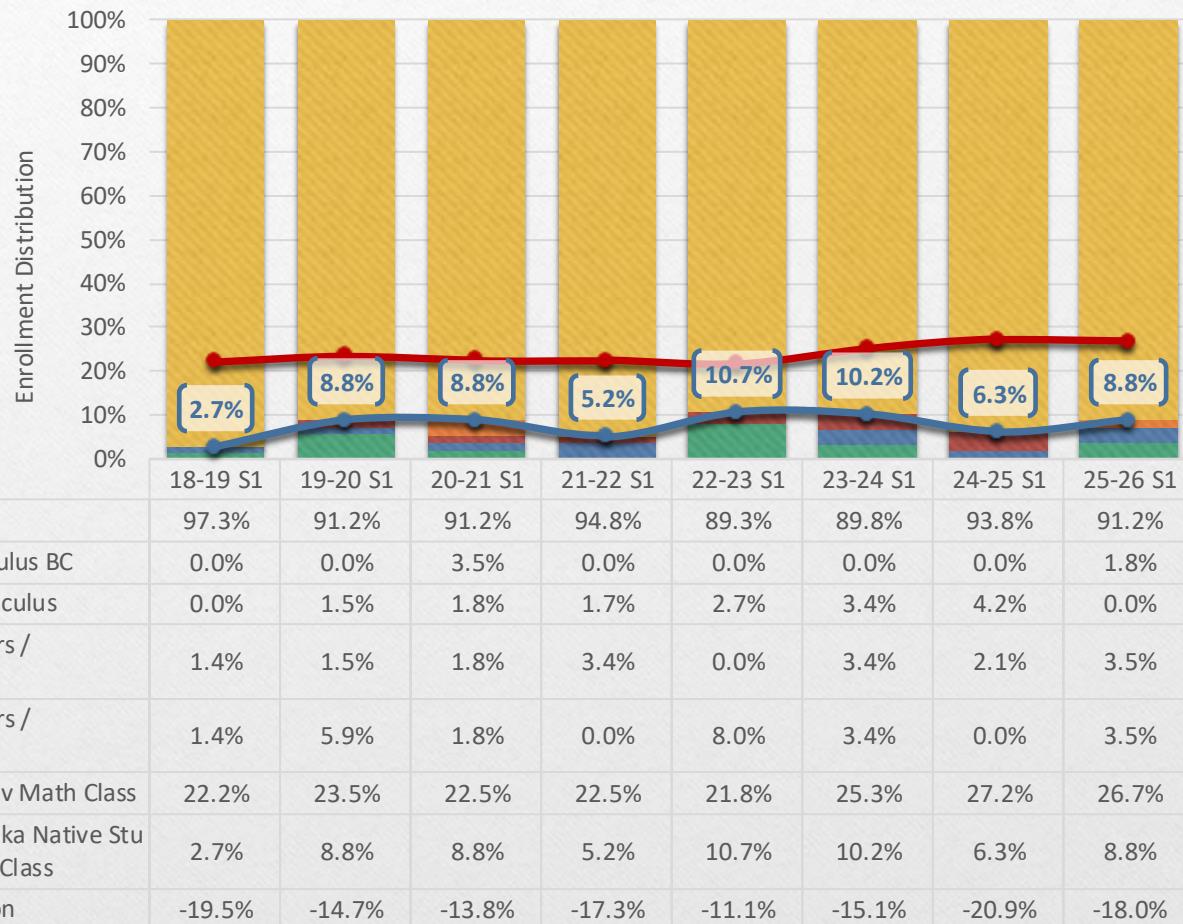


Students are included in each of their family-selected or self-identified race and ethnicity categories.

Native American or Alaska Native Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

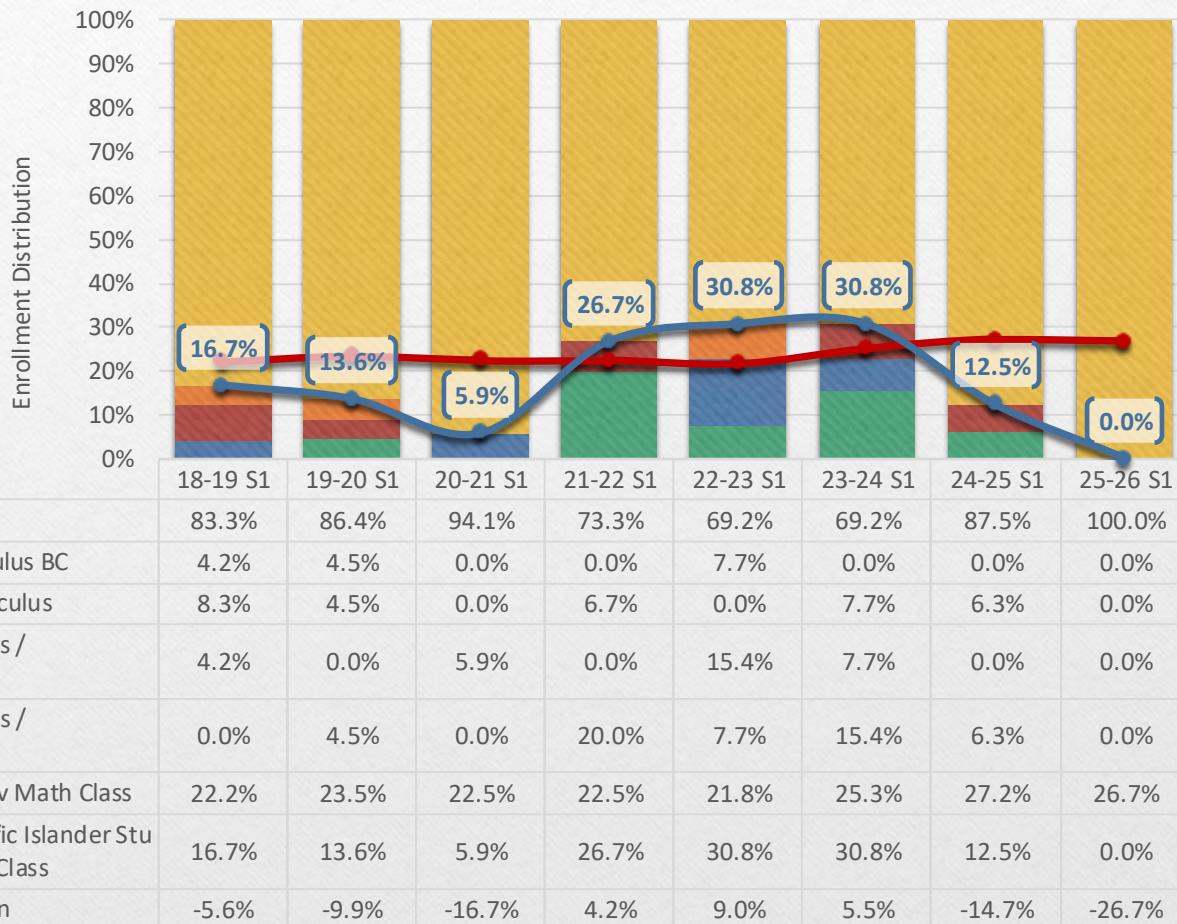


Students are included in each of their family-selected or self-identified race and ethnicity categories.

Native Hawaiian or Other Pacific Islander Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26

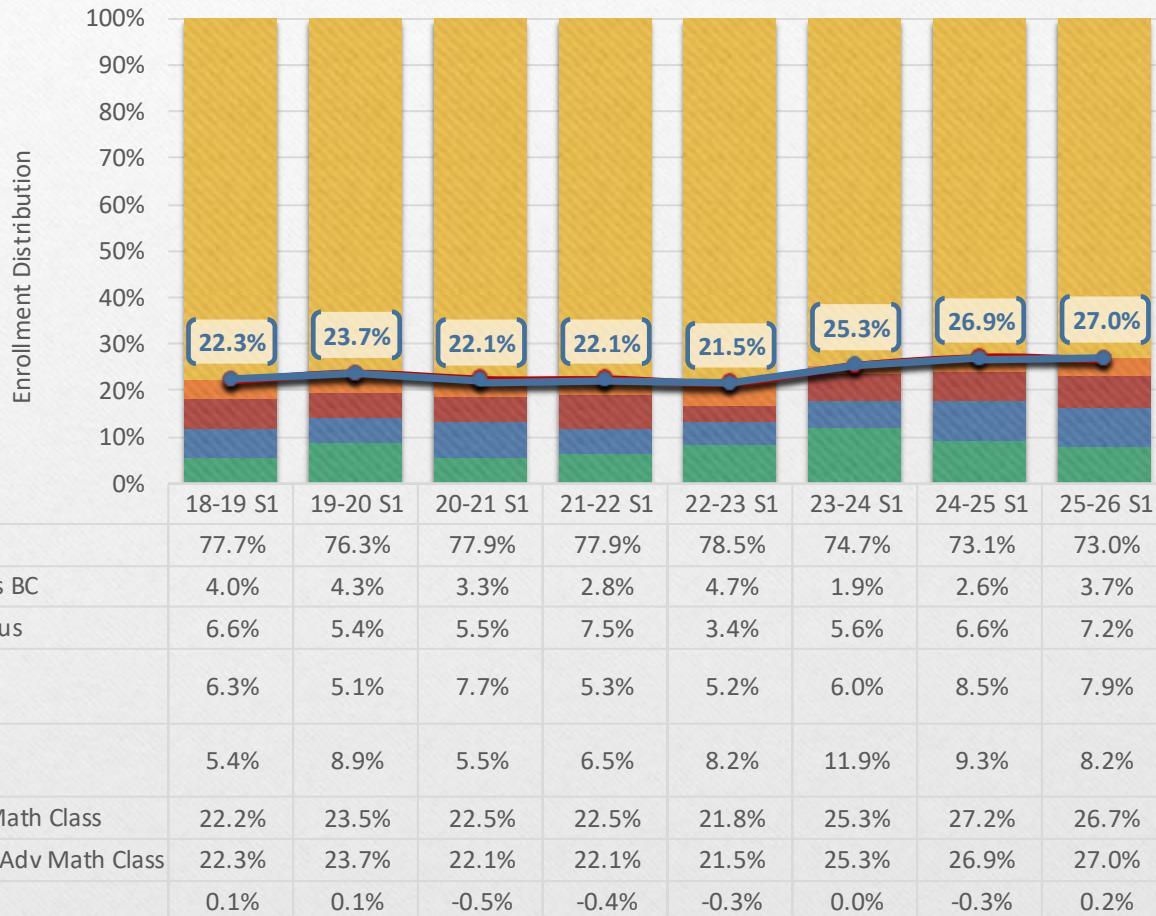


Students are included in each of their family-selected or self-identified race and ethnicity categories.

White Students

Semester 1 Advanced Math Enrollments

2018-19 through 2025-26



Students are included in each of their family-selected or self-identified race and ethnicity categories.