



AP Exam Analysis 2016-2020

Quakertown Senior HS

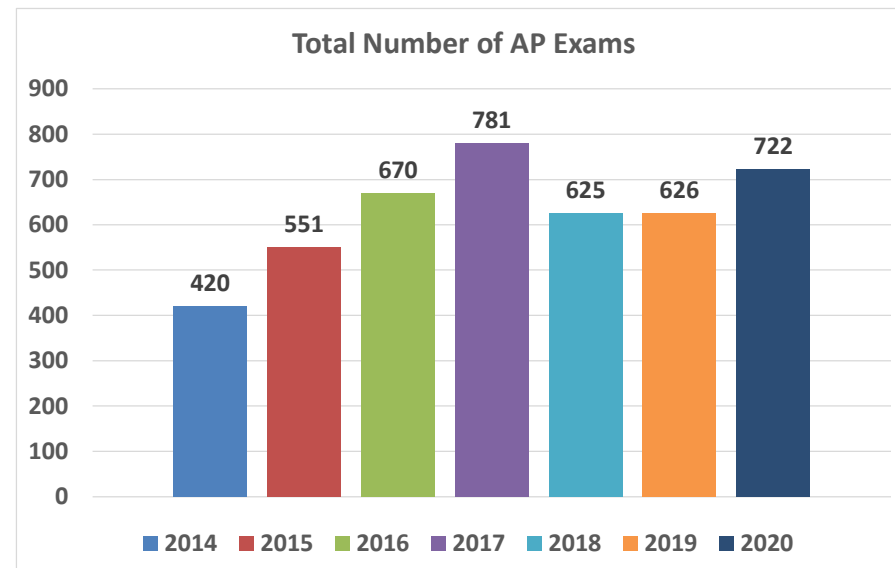
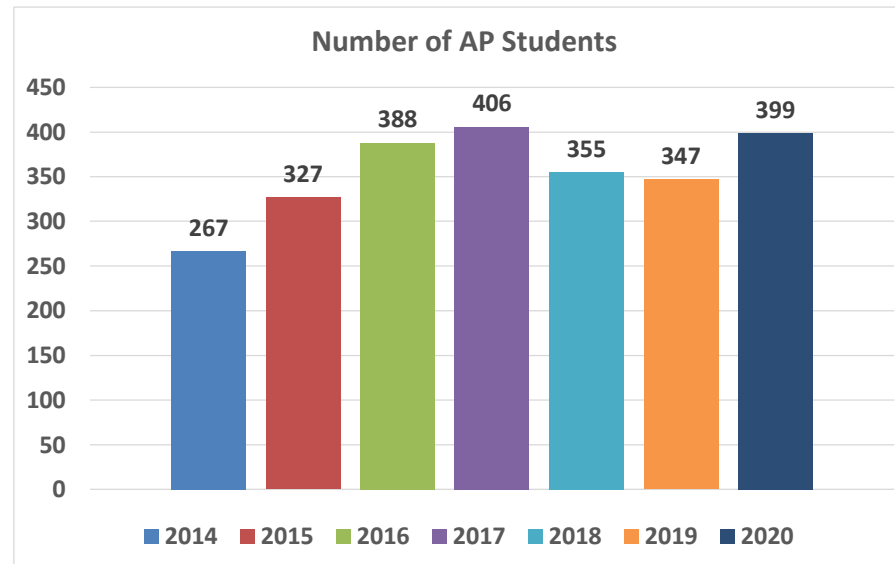
Table of Contents

- Section 1: AP Enrollment Summary - pg. 3
- Section 2: AP Enrollment by Subject - pg. 9
- Section 3: AP Enrollment by Race - pg. 16
- Section 4: AP Enrollment by Gender - pg. 31
- Section 5: AP Scores - pg. 43
- Section 6: Comparison to State and National - pg. 62

Section 1

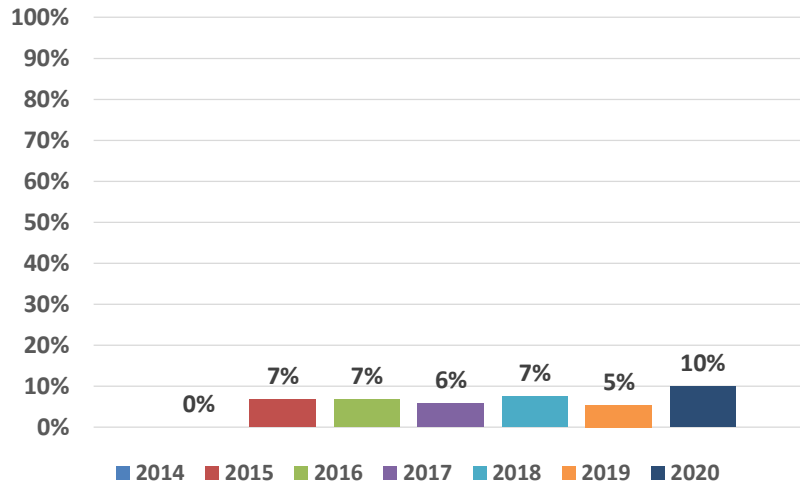
AP Enrollment Summary

AP Enrollment Summary

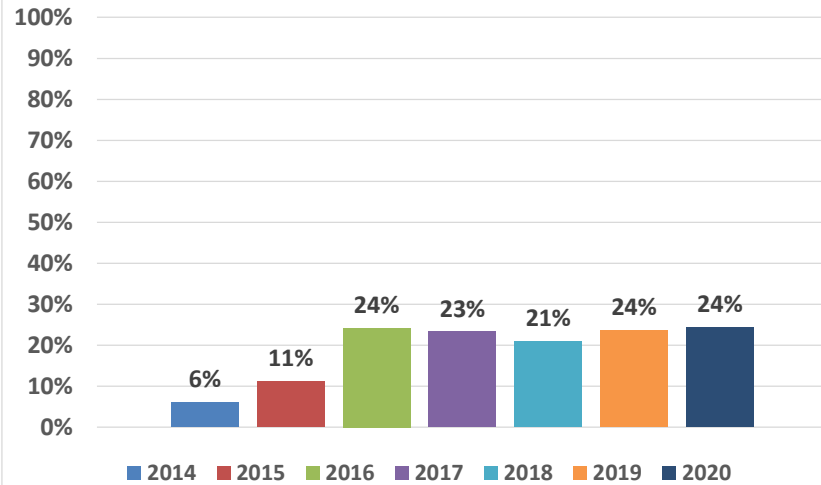


AP Enrollment Summary

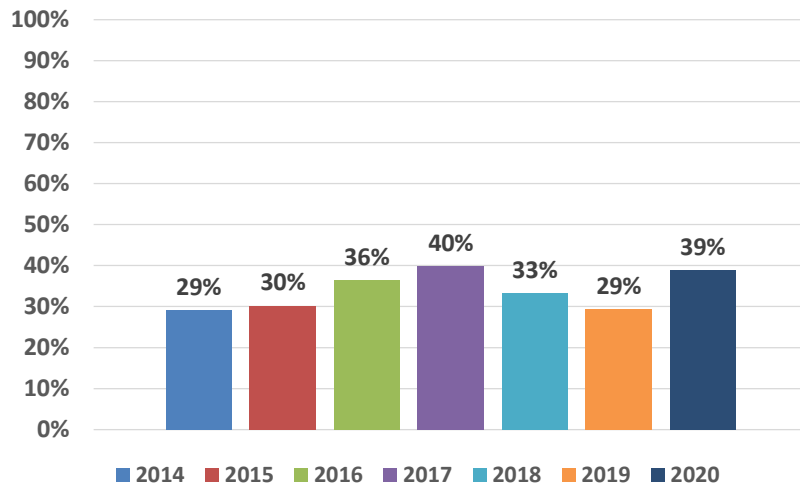
% AP Exam Participation - 9th Grade



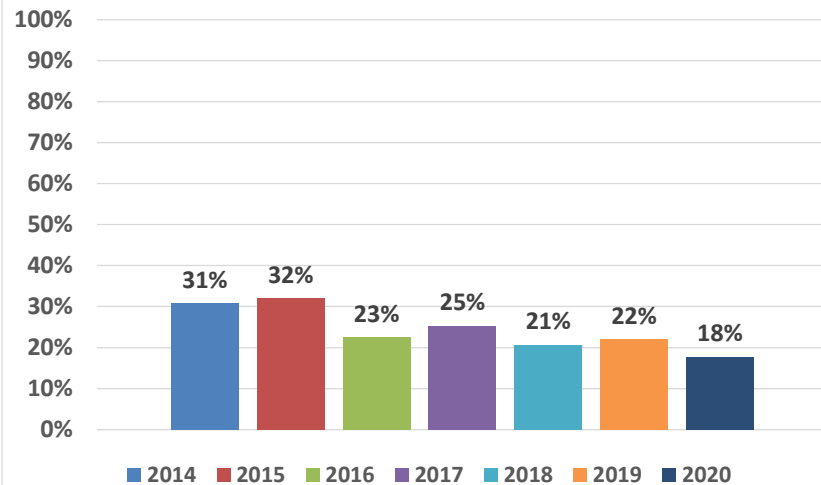
% AP Exam Participation - 10th Grade



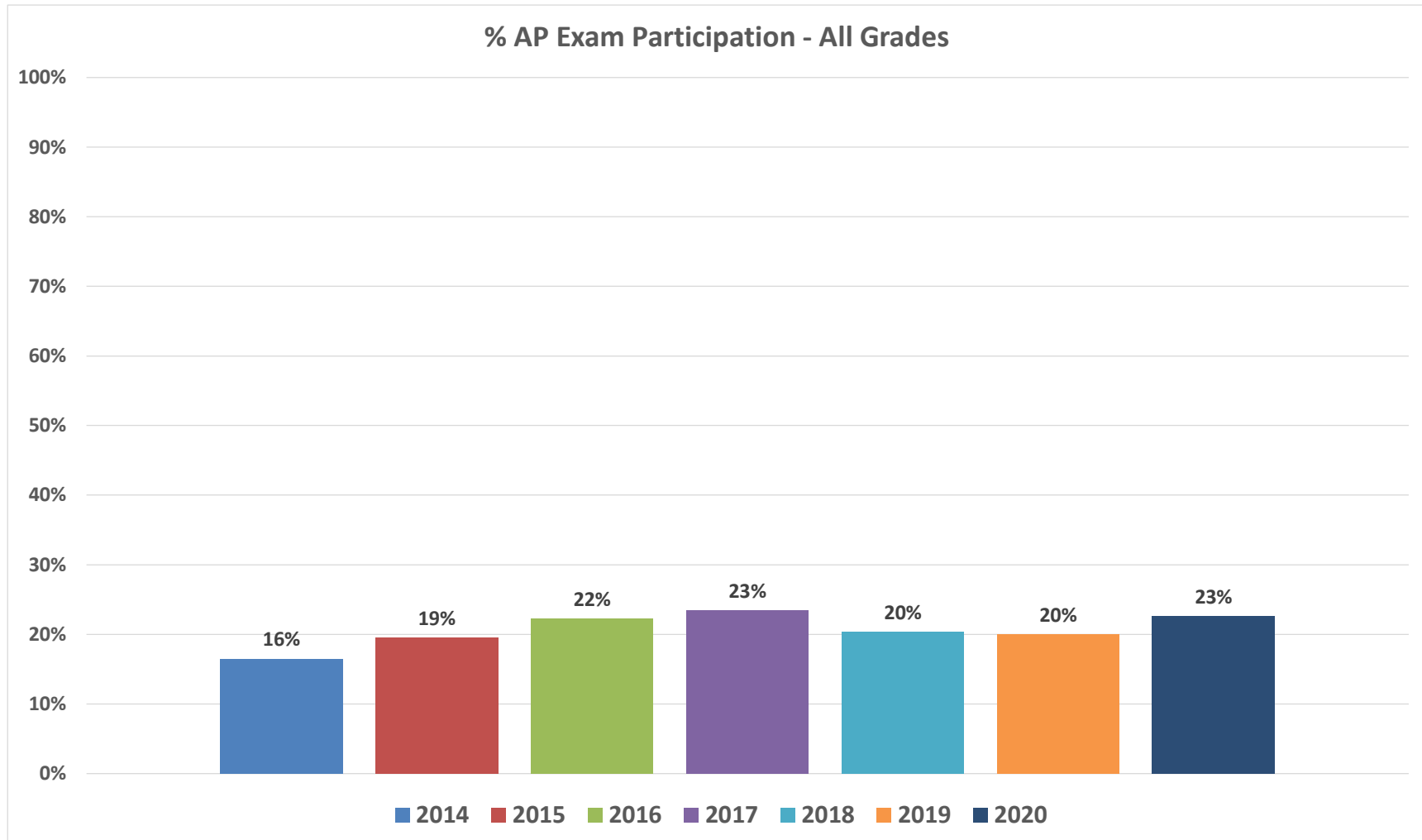
% AP Exam Participation - 11th Grade



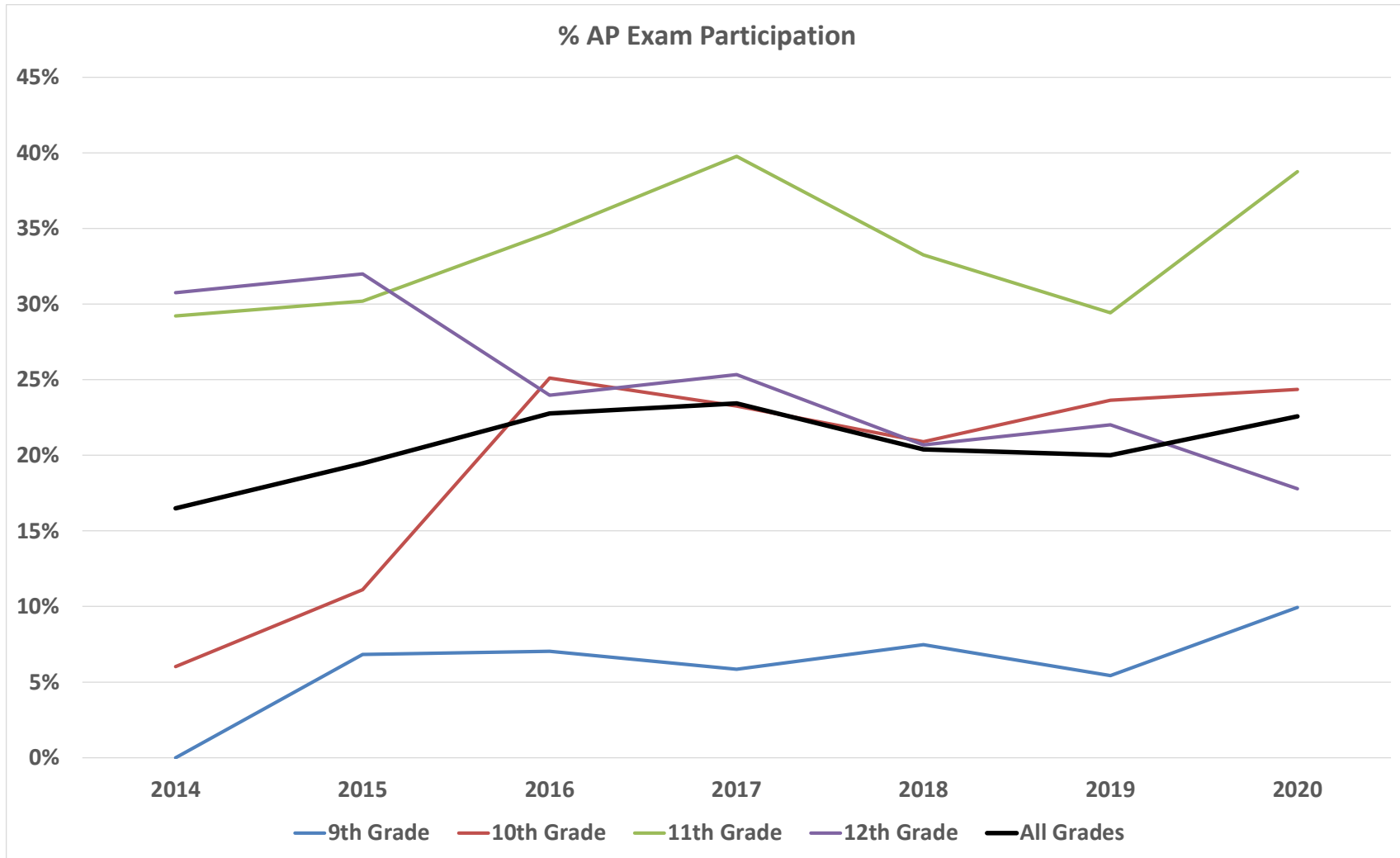
% AP Exam Participation - 12th Grade



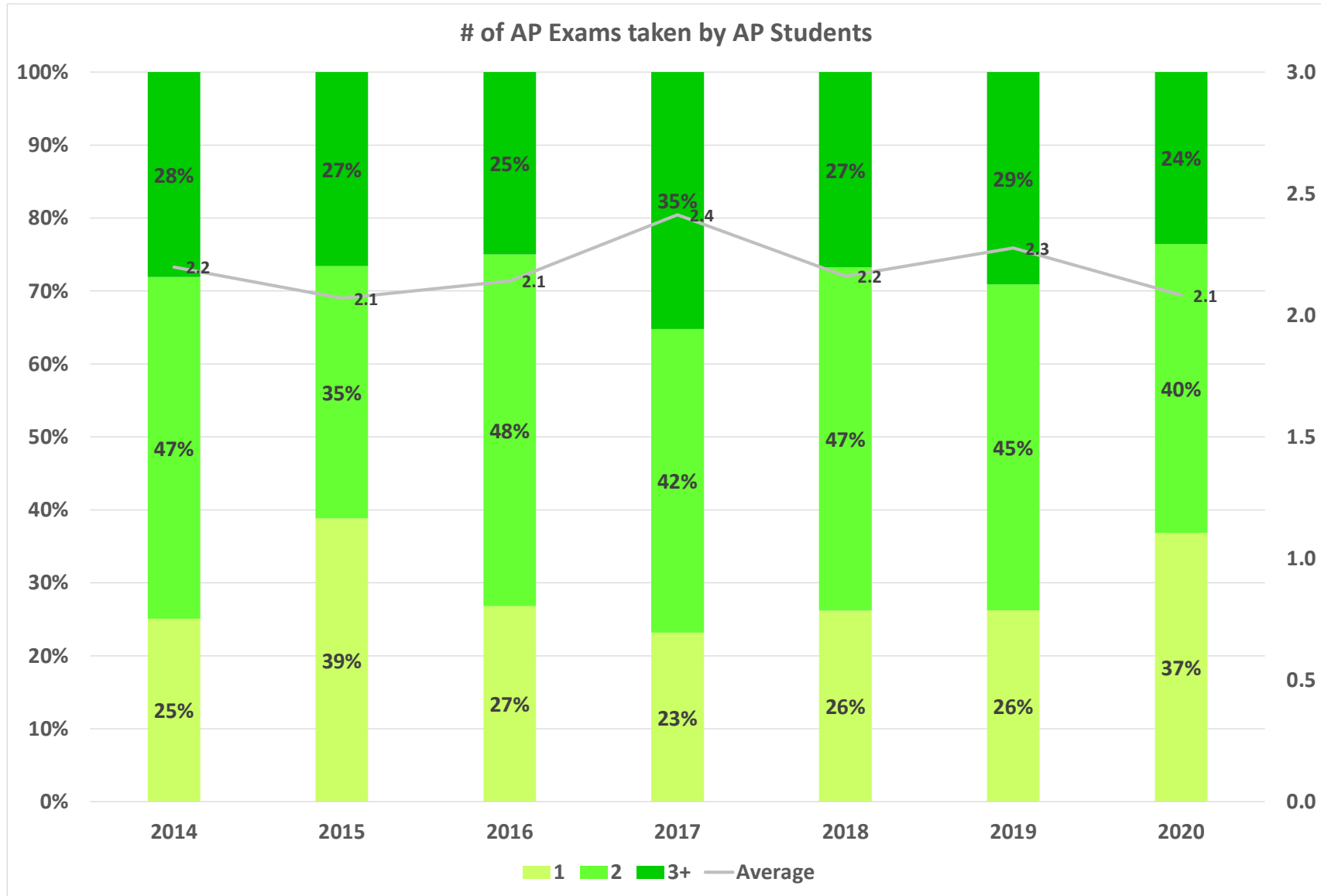
AP Enrollment Summary



AP Enrollment Summary



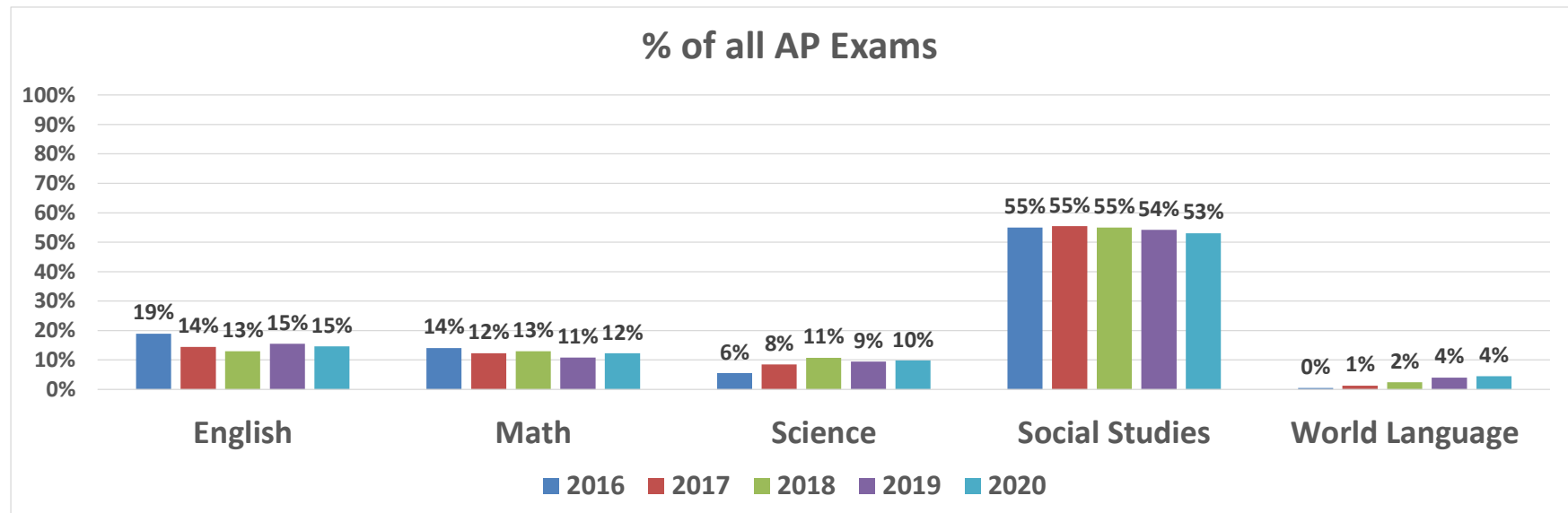
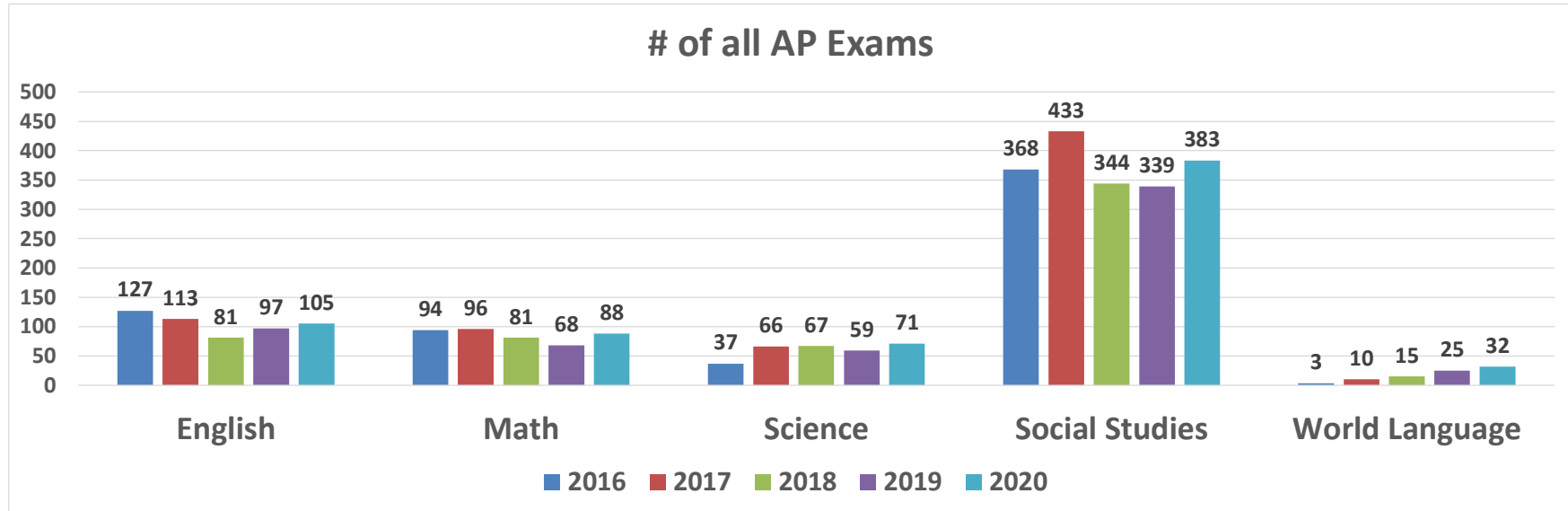
of Exams by Students



Section 2

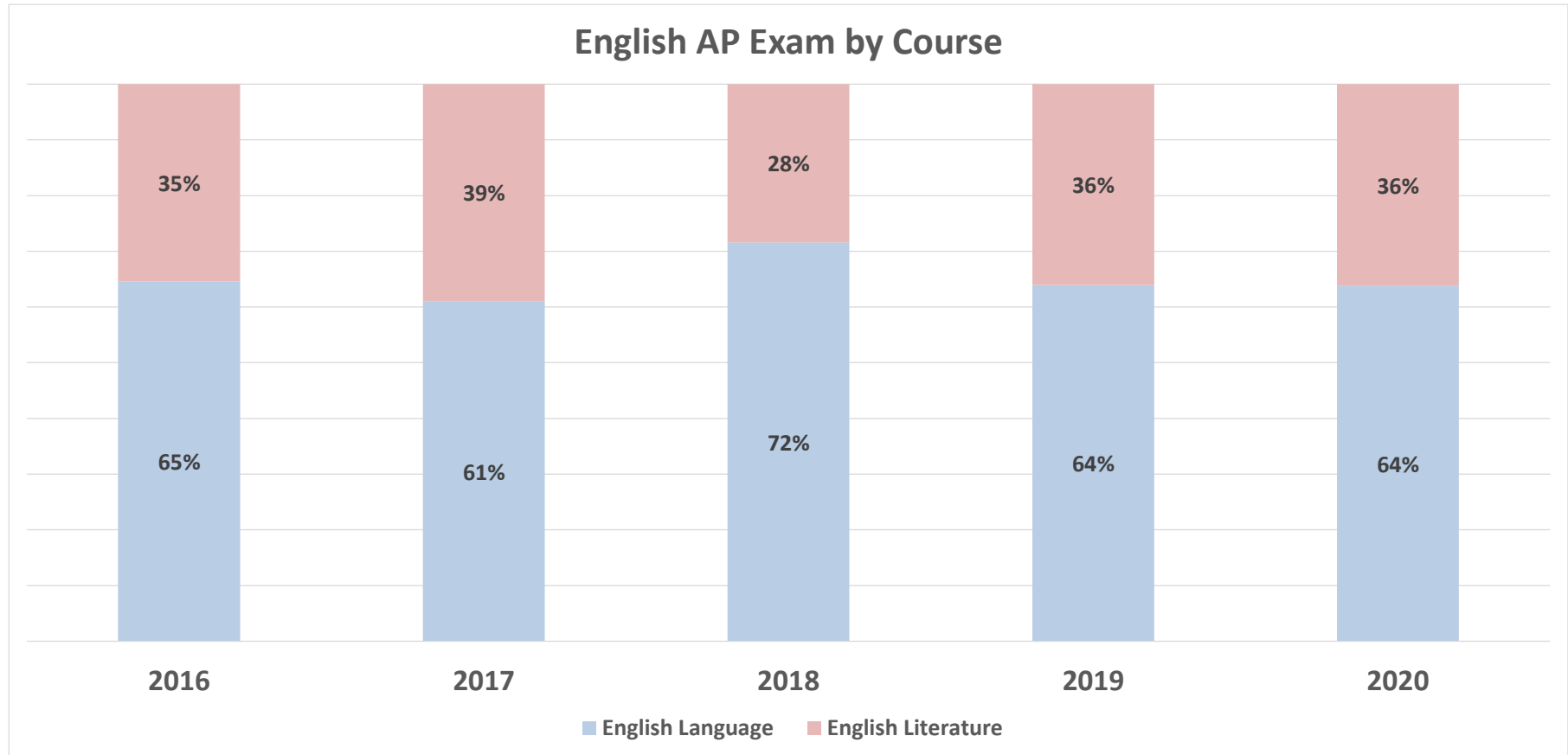
AP Enrollment by Subject

AP Enrollment by Subject



Note: AP exams taken in course subjects not listed above are not included in this report due to limited sample size.

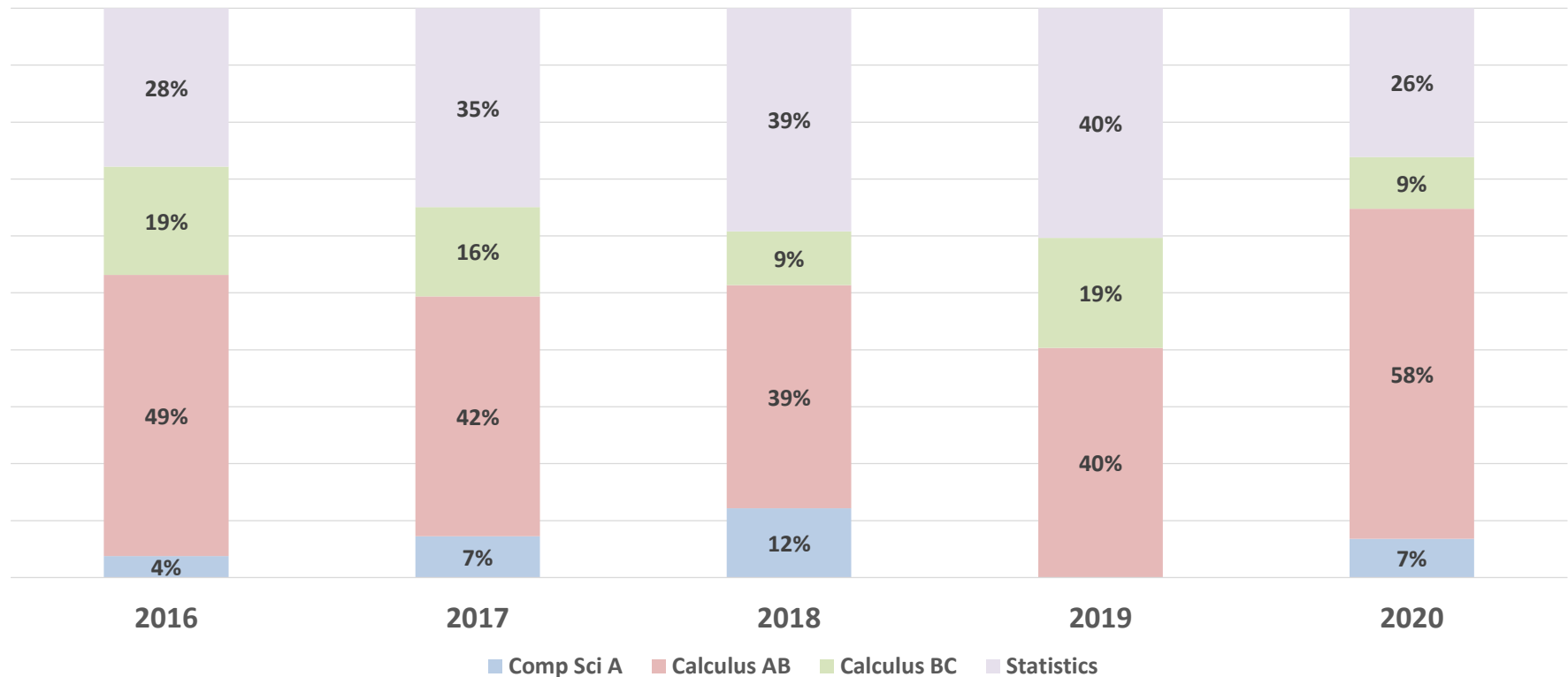
AP Enrollment Summary - English



| Exam | # of Exams | | | | | % of all Exams in Department | | | | |
|--------------------|------------|------|------|------|------|------------------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| English Language | 82 | 69 | 58 | 62 | 67 | 65% | 61% | 72% | 64% | 64% |
| English Literature | 45 | 44 | 23 | 35 | 38 | 35% | 39% | 28% | 36% | 36% |

AP Enrollment Summary - Math

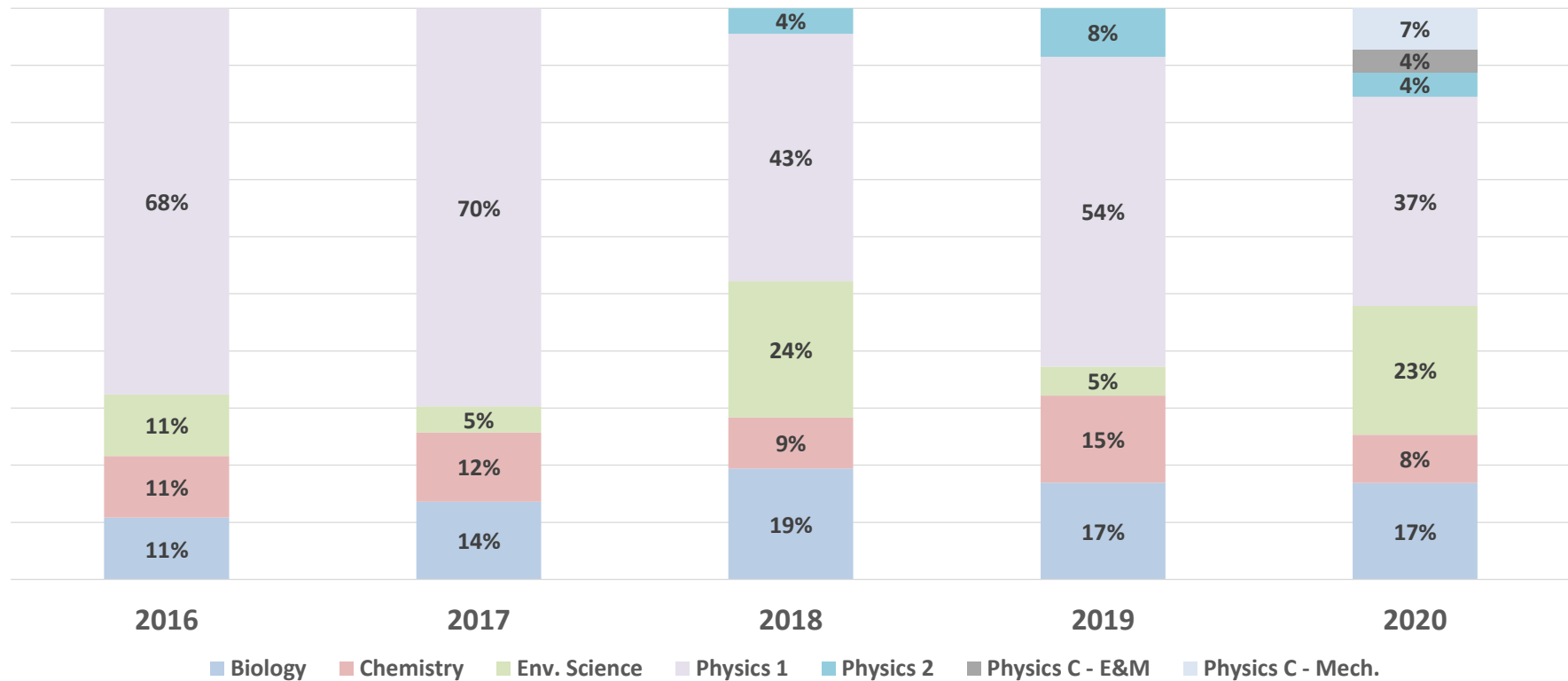
Math AP Exam by Course



| Exam | # of Exams | | | | | % of all Exams in Department | | | | |
|-------------|------------|------|------|------|------|------------------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Comp Sci A | 3 | 6 | 9 | 0 | 6 | 4% | 7% | 12% | 0% | 7% |
| Calculus AB | 39 | 35 | 29 | 23 | 51 | 49% | 42% | 39% | 40% | 58% |
| Calculus BC | 15 | 13 | 7 | 11 | 8 | 19% | 16% | 9% | 19% | 9% |
| Statistics | 22 | 29 | 29 | 23 | 23 | 28% | 35% | 39% | 40% | 26% |

AP Enrollment Summary - Science

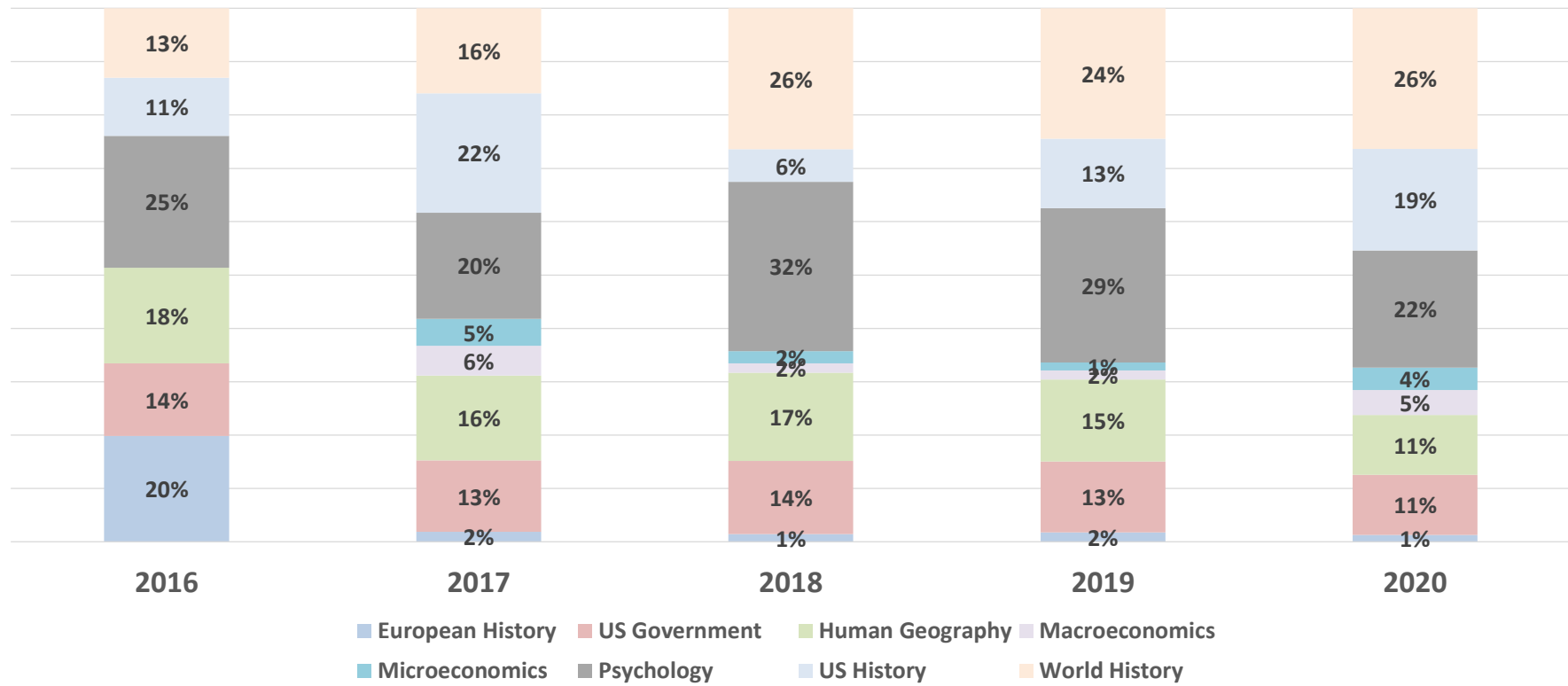
Science AP Exam by Course



| Exam | # of Exams | | | | | % of all Exams in Department | | | | |
|-------------------|------------|------|------|------|------|------------------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Biology | 4 | 9 | 13 | 10 | 12 | 11% | 14% | 19% | 17% | 17% |
| Chemistry | 4 | 8 | 6 | 9 | 6 | 11% | 12% | 9% | 15% | 8% |
| Env. Science | 4 | 3 | 16 | 3 | 16 | 11% | 5% | 24% | 5% | 23% |
| Physics 1 | 25 | 46 | 29 | 32 | 26 | 68% | 70% | 43% | 54% | 37% |
| Physics 2 | 0 | 0 | 3 | 5 | 3 | 0% | 0% | 4% | 8% | 4% |
| Physics C - E&M | 0 | 0 | 0 | 0 | 3 | 0% | 0% | 0% | 0% | 4% |
| Physics C - Mech. | 0 | 0 | 0 | 0 | 5 | 0% | 0% | 0% | 0% | 7% |

AP Enrollment Summary - Social Studies

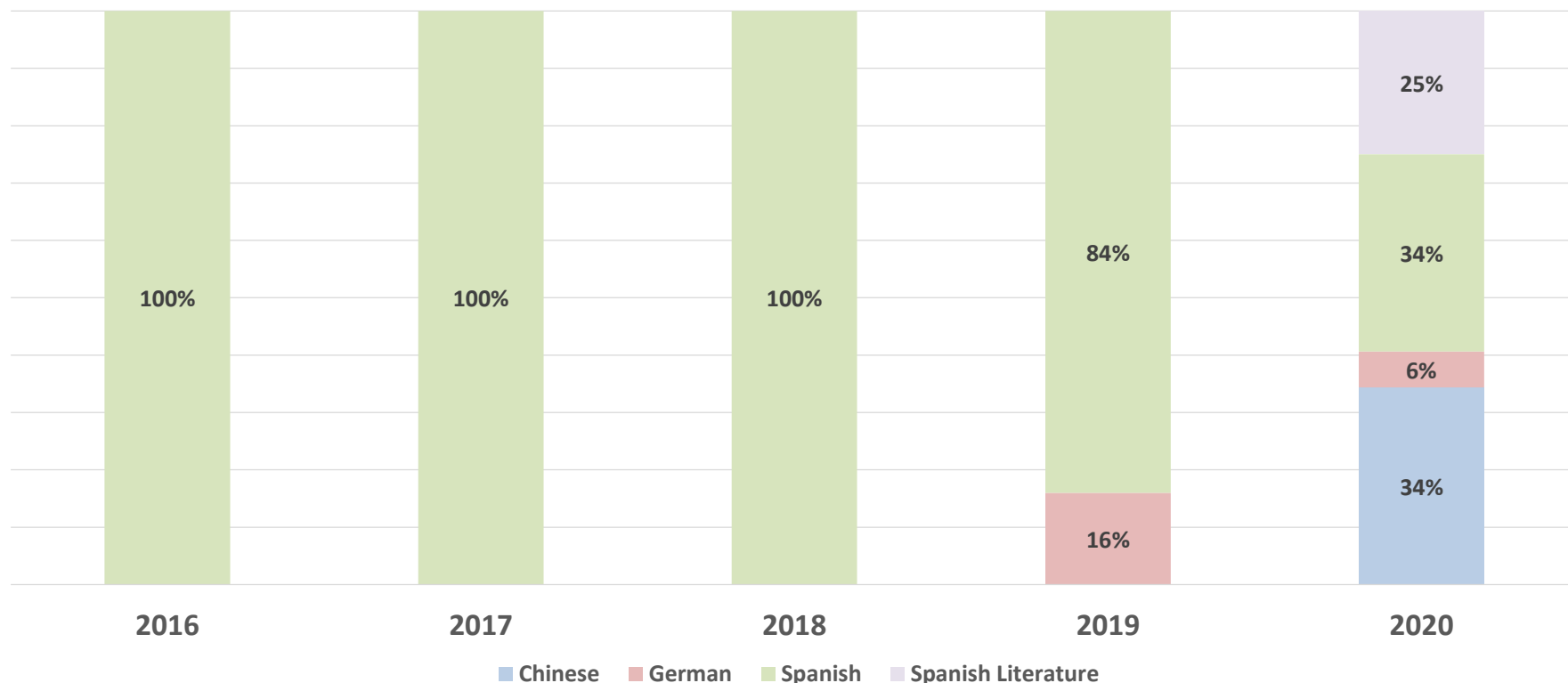
Social Studies AP Exam by Course



| Exam | # of Exams | | | | | % of all Exams in Department | | | | |
|------------------|------------|------|------|------|------|------------------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| European History | 73 | 8 | 5 | 6 | 5 | 20% | 2% | 1% | 2% | 1% |
| US Government | 50 | 58 | 47 | 45 | 43 | 14% | 13% | 14% | 13% | 11% |
| Human Geography | 66 | 69 | 57 | 52 | 43 | 18% | 16% | 17% | 15% | 11% |
| Macroeconomics | 0 | 24 | 6 | 6 | 18 | 0% | 6% | 2% | 2% | 5% |
| Microeconomics | 0 | 22 | 8 | 5 | 16 | 0% | 5% | 2% | 1% | 4% |
| Psychology | 91 | 86 | 109 | 98 | 84 | 25% | 20% | 32% | 29% | 22% |
| US History | 40 | 97 | 21 | 44 | 73 | 11% | 22% | 6% | 13% | 19% |
| World History | 48 | 69 | 91 | 83 | 101 | 13% | 16% | 26% | 24% | 26% |

AP Enrollment Summary - World Language

World Language AP Exam by Course

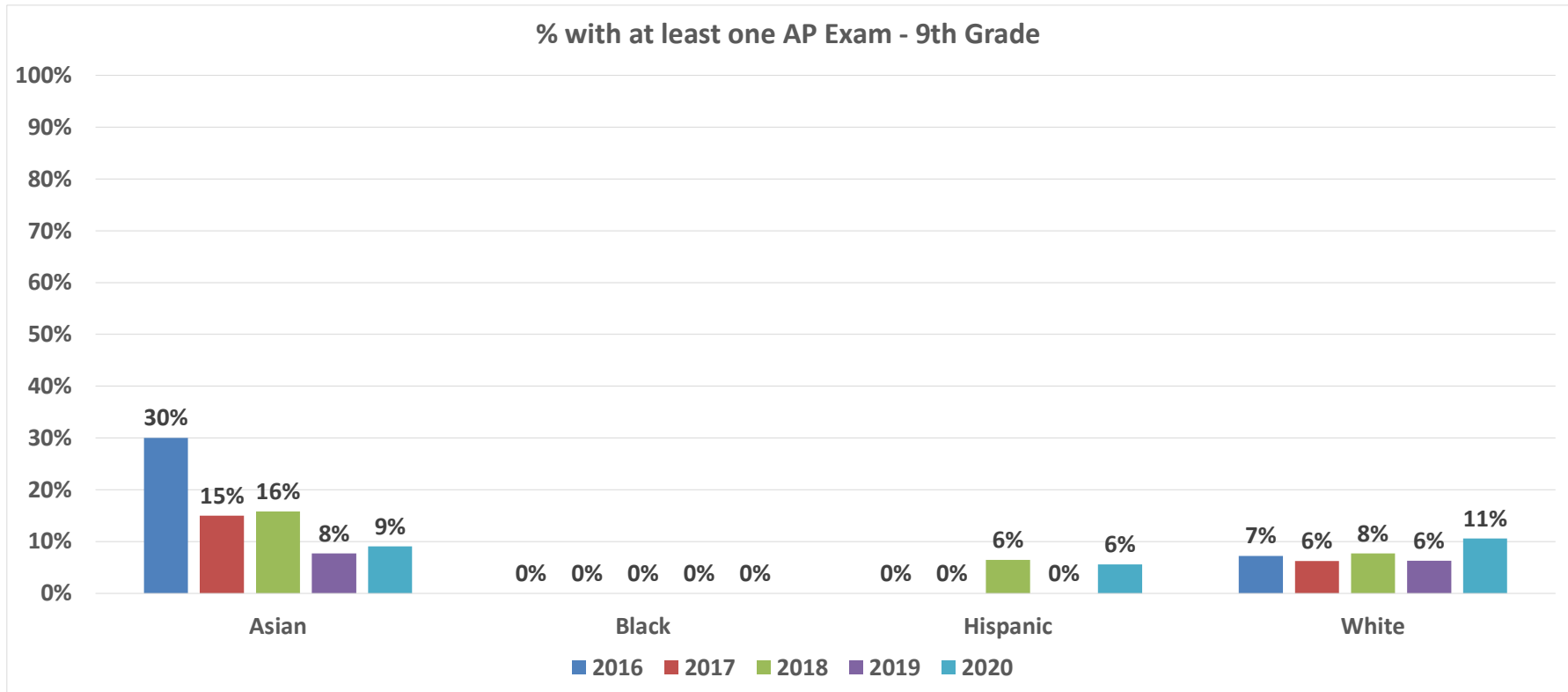


| Exam | # of Exams | | | | | % of all Exams in Department | | | | |
|--------------------|------------|------|------|------|------|------------------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Chinese | 0 | 0 | 0 | 0 | 11 | 0% | 0% | 0% | 0% | 34% |
| German | 0 | 0 | 0 | 4 | 2 | 0% | 0% | 0% | 16% | 6% |
| Spanish | 3 | 10 | 15 | 21 | 11 | 100% | 100% | 100% | 84% | 34% |
| Spanish Literature | 0 | 0 | 0 | 0 | 8 | 0% | 0% | 0% | 0% | 25% |

Section 3

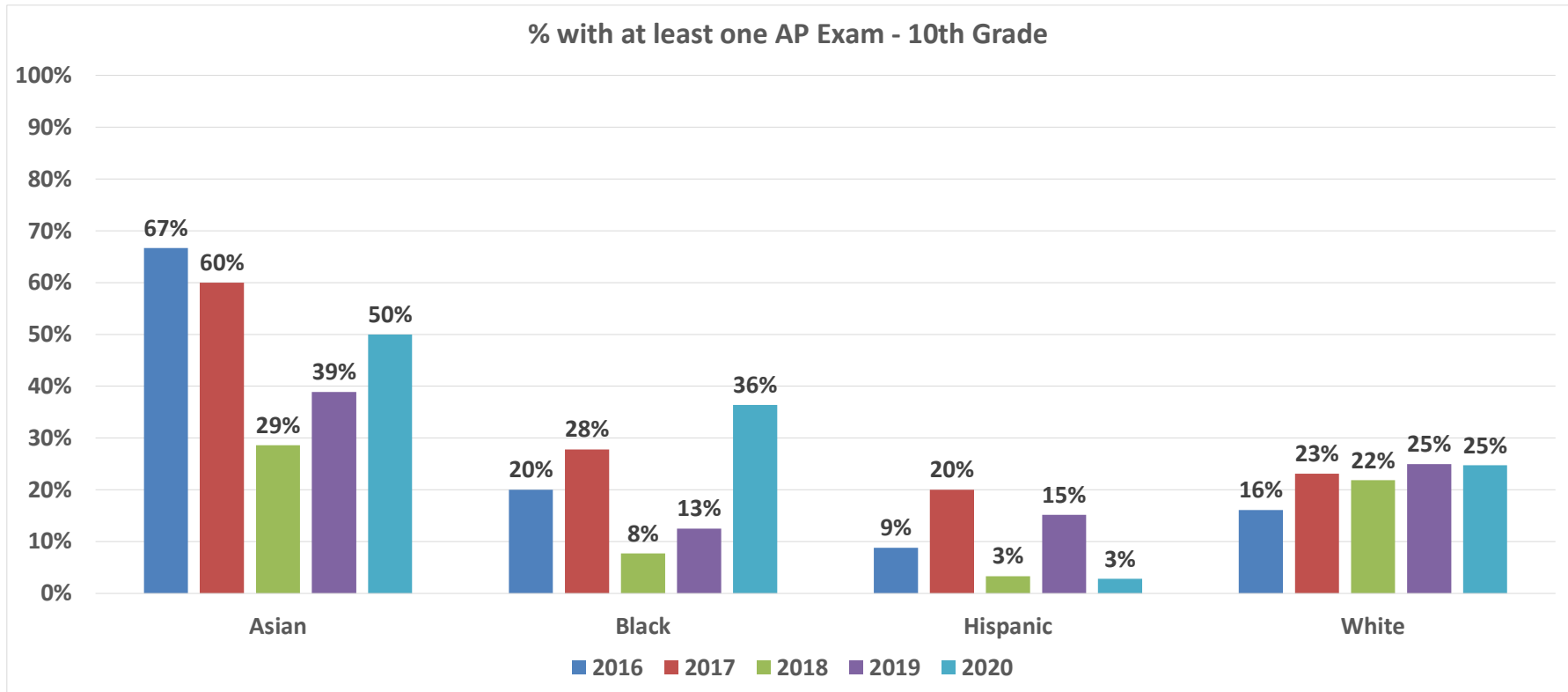
AP Enrollment by Race

AP Enrollment by Race



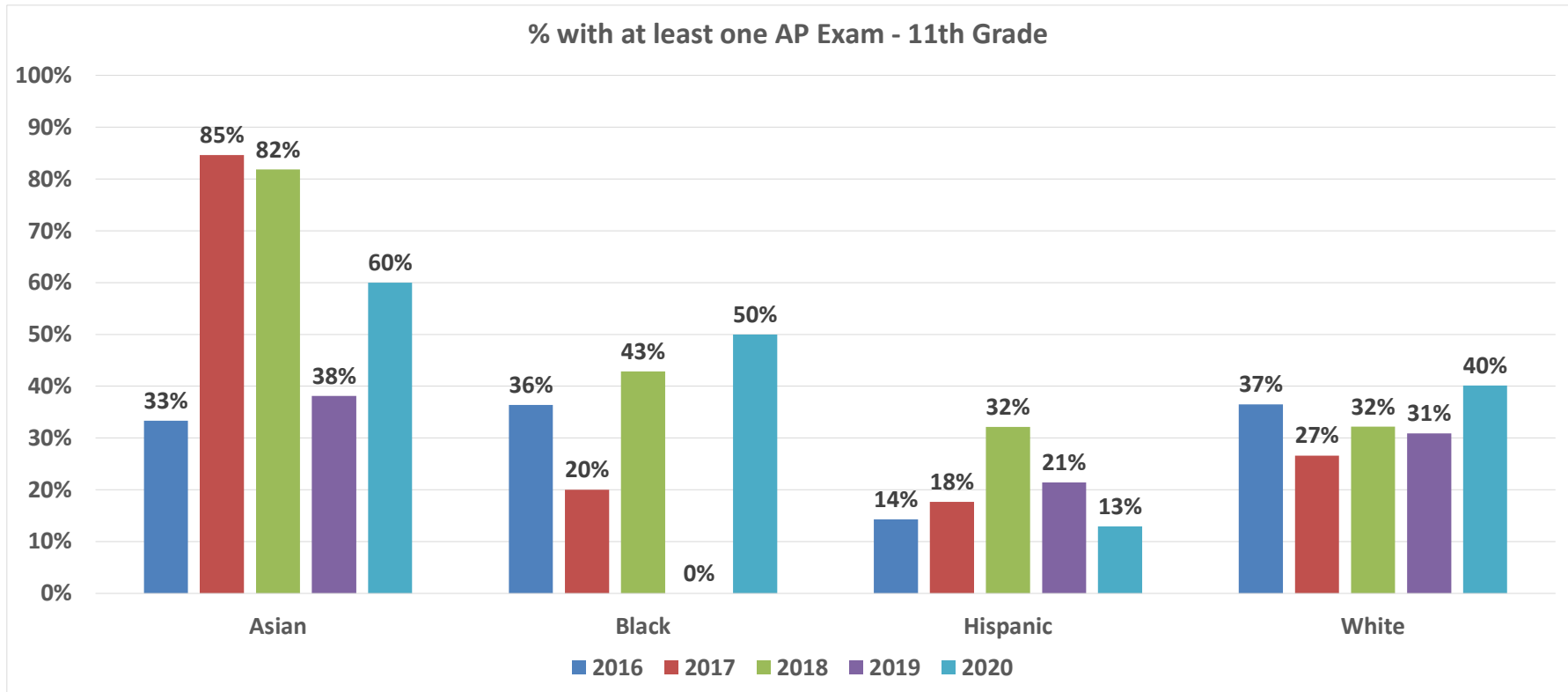
| | Total # Enrolled (9th Grade) | | | | | # of Total Student Population (9th Grade) | | | | | # of Students with at least one AP Exam (9th Grade) | | | | | % of Students with at least one AP Exam (9th Grade) | | | | |
|--------------|------------------------------|------|------|------|------|---|------|------|------|------|---|------|------|------|------|---|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 10 | 20 | 19 | 13 | 11 | 1% | 1% | 1% | 1% | 1% | 3 | 3 | 3 | 1 | 1 | 30% | 15% | 16% | 8% | 9% |
| Black | 17 | 13 | 10 | 12 | 4 | 1% | 1% | 1% | 1% | 0% | 0 | 0 | 0 | 0 | 0 | 0% | 0% | 0% | 0% | 0% |
| Hispanic | 23 | 31 | 31 | 36 | 36 | 1% | 2% | 2% | 2% | 2% | 0 | 0 | 2 | 0 | 2 | 0% | 0% | 6% | 0% | 6% |
| White | 361 | 370 | 364 | 365 | 368 | 21% | 21% | 21% | 21% | 21% | 26 | 23 | 28 | 23 | 39 | 7% | 6% | 8% | 6% | 11% |
| All Students | 426 | 444 | 441 | 442 | 443 | | | | | | 30 | 26 | 33 | 24 | 44 | 7% | 6% | 7% | 5% | 10% |

AP Enrollment by Race



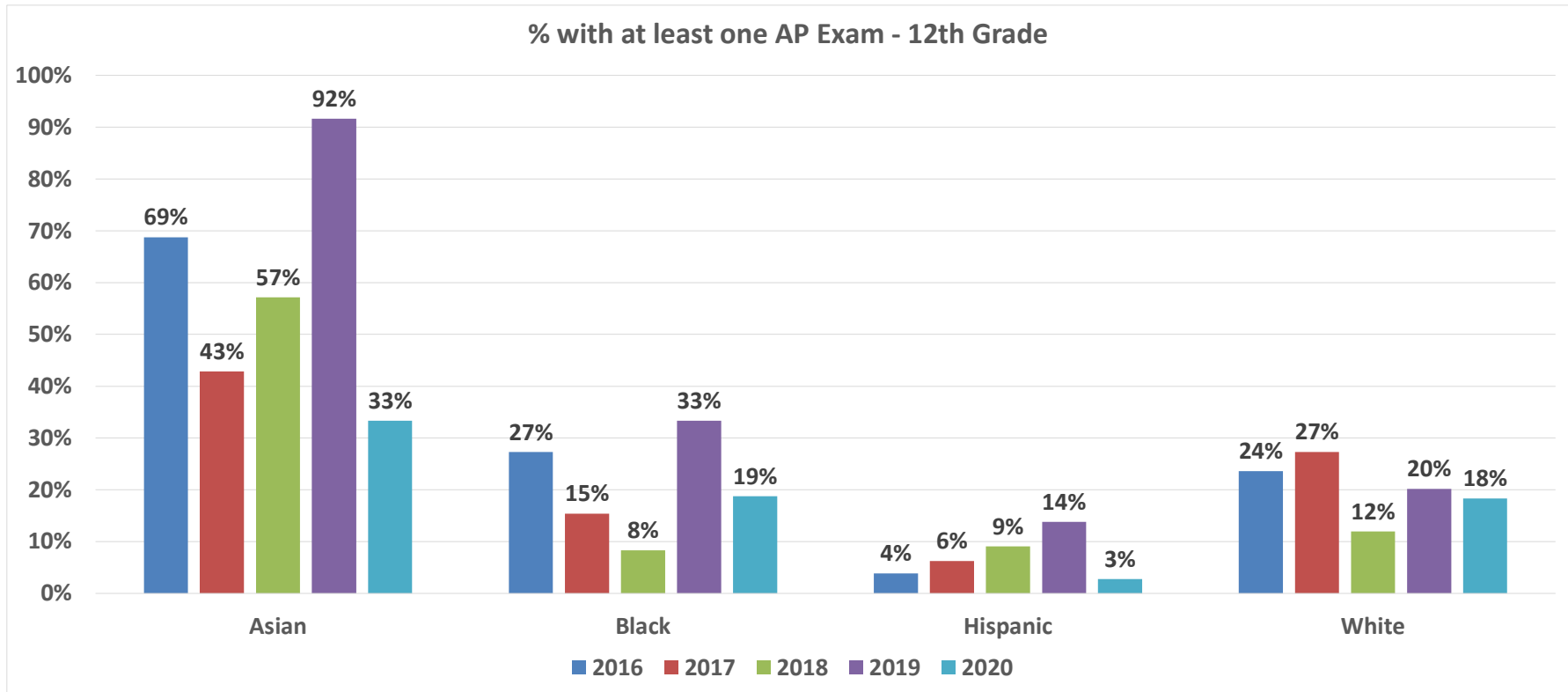
| | Total # Enrolled (9th Grade) | | | | | # of Total Student Population (9th Grade) | | | | | # of Students with at least one AP Exam (9th Grade) | | | | | % of Students with at least one AP Exam (9th Grade) | | | | |
|--------------|------------------------------|------|------|------|------|---|------|------|------|------|---|------|------|------|------|---|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 12 | 10 | 21 | 18 | 14 | 1% | 1% | 1% | 1% | 1% | 8 | 6 | 6 | 7 | 7 | 67% | 60% | 29% | 39% | 50% |
| Black | 10 | 18 | 13 | 8 | 11 | 1% | 1% | 1% | 0% | 1% | 2 | 5 | 1 | 1 | 4 | 20% | 28% | 8% | 13% | 36% |
| Hispanic | 34 | 25 | 30 | 33 | 36 | 2% | 1% | 2% | 2% | 2% | 3 | 5 | 1 | 5 | 1 | 9% | 20% | 3% | 15% | 3% |
| White | 360 | 351 | 371 | 365 | 352 | 21% | 20% | 21% | 21% | 20% | 58 | 81 | 81 | 91 | 87 | 16% | 23% | 22% | 25% | 25% |
| All Students | 430 | 417 | 445 | 440 | 427 | | | | | | 108 | 97 | 93 | 104 | 104 | 25% | 23% | 21% | 24% | 24% |

AP Enrollment by Race



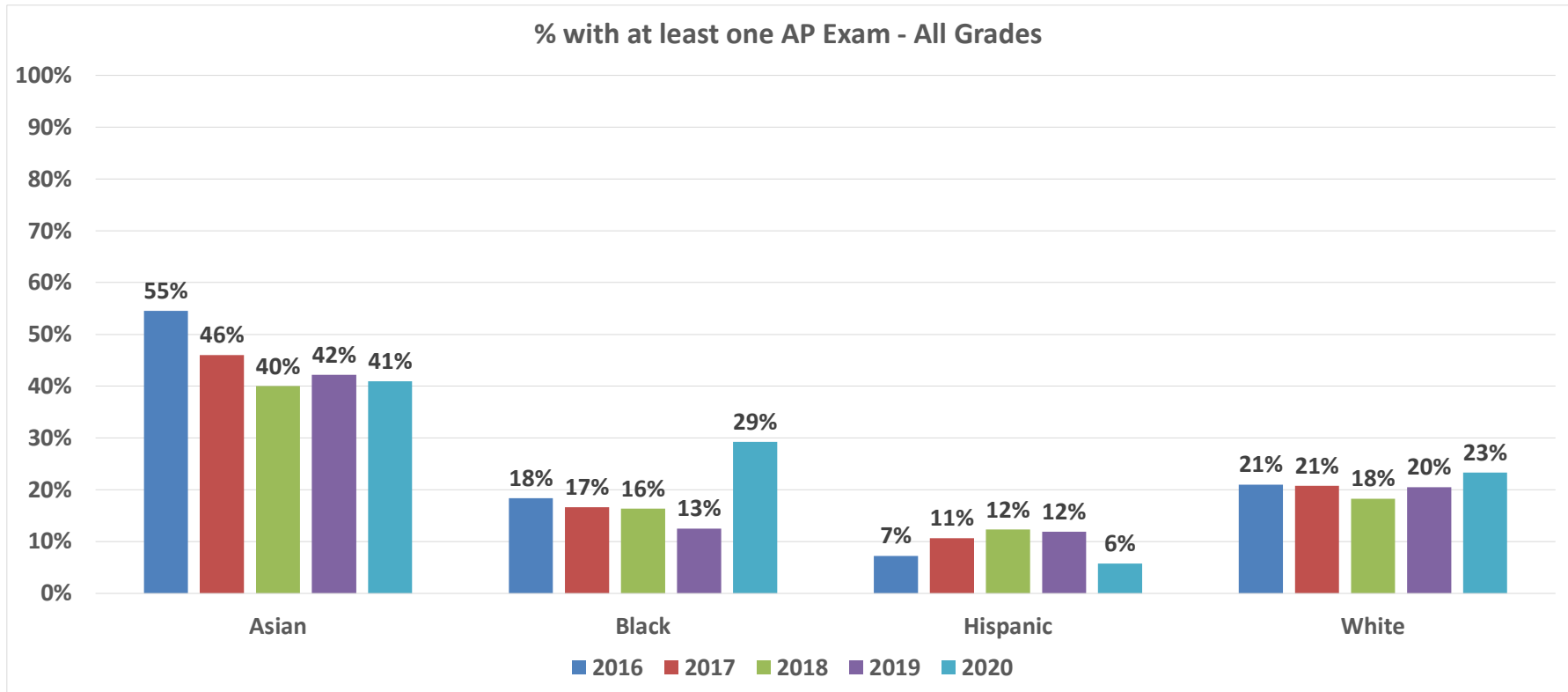
| | Total # Enrolled (9th Grade) | | | | | # of Total Student Population (9th Grade) | | | | | # of Students with at least one AP Exam (9th Grade) | | | | | % of Students with at least one AP Exam (9th Grade) | | | | |
|--------------|------------------------------|------|------|------|------|---|------|------|------|------|---|------|------|------|------|---|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 6 | 13 | 11 | 21 | 20 | 0% | 1% | 1% | 1% | 1% | 2 | 11 | 9 | 8 | 12 | 33% | 85% | 82% | 38% | 60% |
| Black | 11 | 10 | 14 | 13 | 10 | 1% | 1% | 1% | 1% | 1% | 4 | 2 | 6 | 0 | 5 | 36% | 20% | 43% | 0% | 50% |
| Hispanic | 28 | 34 | 28 | 28 | 31 | 2% | 2% | 2% | 2% | 2% | 4 | 6 | 9 | 6 | 4 | 14% | 18% | 32% | 21% | 13% |
| White | 378 | 361 | 348 | 353 | 359 | 22% | 21% | 20% | 20% | 20% | 138 | 96 | 112 | 109 | 144 | 37% | 27% | 32% | 31% | 40% |
| All Students | 435 | 430 | 415 | 425 | 436 | | | | | | 151 | 171 | 138 | 125 | 169 | 35% | 40% | 33% | 29% | 39% |

AP Enrollment by Race



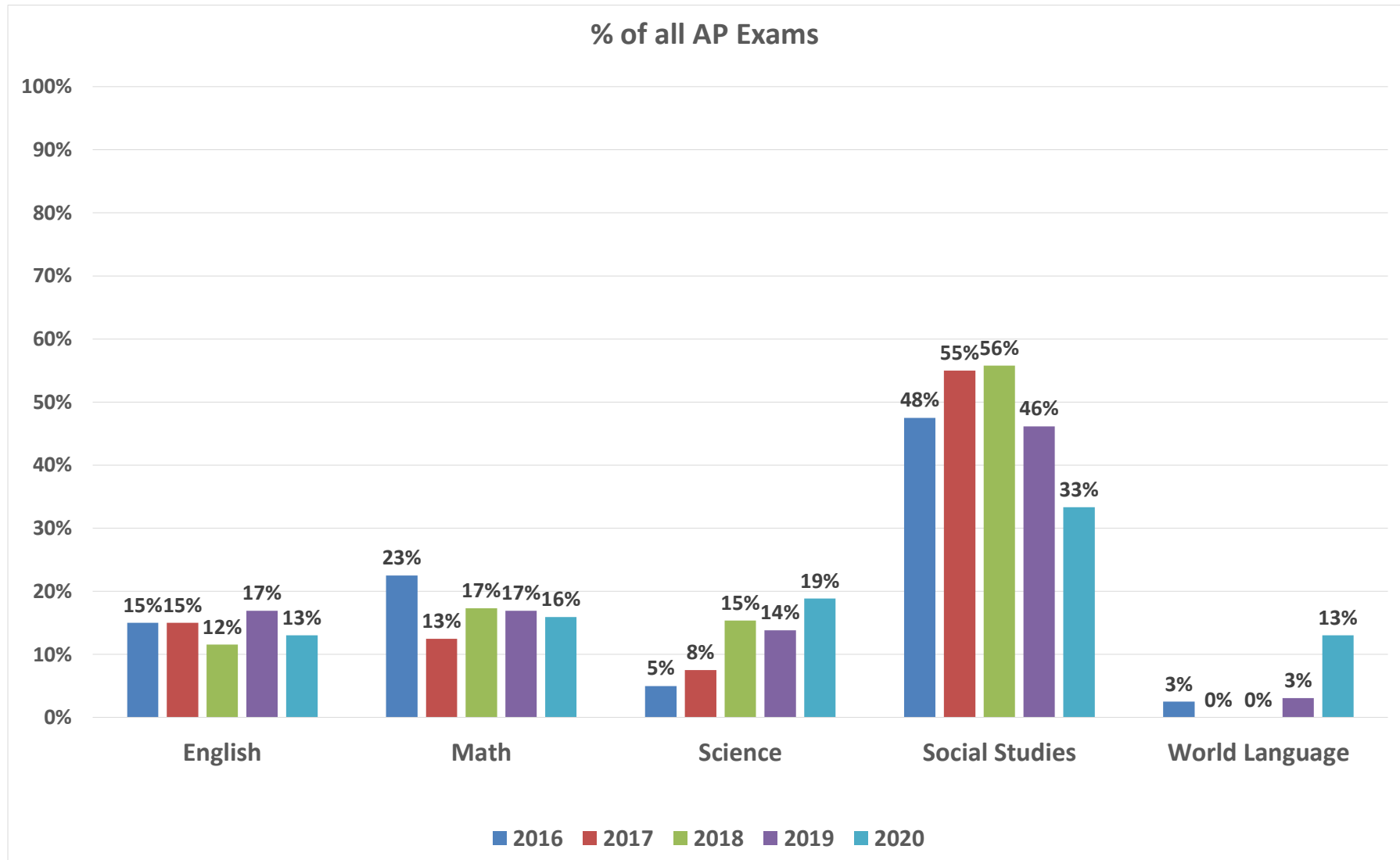
| | Total # Enrolled (9th Grade) | | | | | # of Total Student Population (9th Grade) | | | | | # of Students with at least one AP Exam (9th Grade) | | | | | % of Students with at least one AP Exam (9th Grade) | | | | |
|--------------|------------------------------|------|------|------|------|---|------|------|------|------|---|------|------|------|------|---|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 16 | 7 | 14 | 12 | 21 | 1% | 0% | 1% | 1% | 1% | 11 | 3 | 8 | 11 | 7 | 69% | 43% | 57% | 92% | 33% |
| Black | 11 | 13 | 12 | 15 | 16 | 1% | 1% | 1% | 1% | 1% | 3 | 2 | 1 | 5 | 3 | 27% | 15% | 8% | 33% | 19% |
| Hispanic | 26 | 32 | 33 | 29 | 36 | 2% | 2% | 2% | 2% | 2% | 1 | 2 | 3 | 4 | 1 | 4% | 6% | 9% | 14% | 3% |
| White | 348 | 381 | 369 | 357 | 376 | 20% | 22% | 21% | 21% | 21% | 82 | 104 | 44 | 72 | 69 | 24% | 27% | 12% | 20% | 18% |
| All Students | 413 | 442 | 440 | 427 | 461 | | | | | | 99 | 112 | 91 | 94 | 82 | 24% | 25% | 21% | 22% | 18% |

AP Enrollment by Race

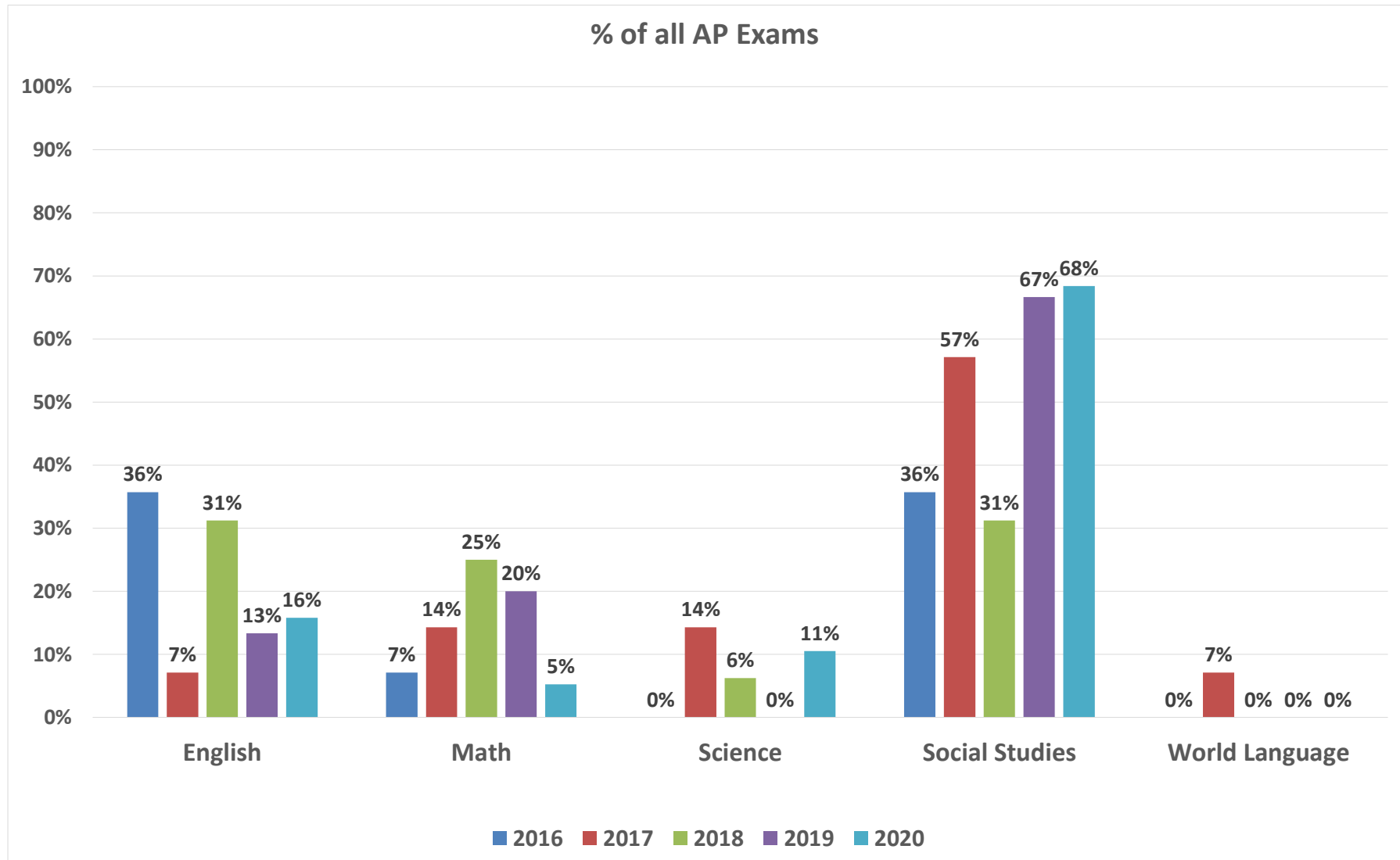


| | Total # Enrolled (All Grades) | | | | | # of Total Student Population (All Grades) | | | | | # of Students with at least one AP Exam (All Grades) | | | | | % of Students with at least one AP Exam (All Grades) | | | | |
|--------------|-------------------------------|-------|-------|-------|-------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 44 | 50 | 65 | 64 | 66 | 3% | 3% | 4% | 4% | 4% | 24 | 23 | 26 | 27 | 27 | 55% | 46% | 40% | 42% | 41% |
| Black | 49 | 54 | 49 | 48 | 41 | 3% | 3% | 3% | 3% | 2% | 9 | 9 | 8 | 6 | 12 | 18% | 17% | 16% | 13% | 29% |
| Hispanic | 111 | 122 | 122 | 126 | 139 | 7% | 7% | 7% | 7% | 8% | 8 | 13 | 15 | 15 | 8 | 7% | 11% | 12% | 12% | 6% |
| White | 1,447 | 1,463 | 1,452 | 1,440 | 1,455 | 85% | 84% | 83% | 83% | 82% | 304 | 304 | 265 | 295 | 339 | 21% | 21% | 18% | 20% | 23% |
| All Students | 1,704 | 1,733 | 1,741 | 1,734 | 1,767 | | | | | | 388 | 406 | 355 | 347 | 399 | 23% | 23% | 20% | 20% | 23% |

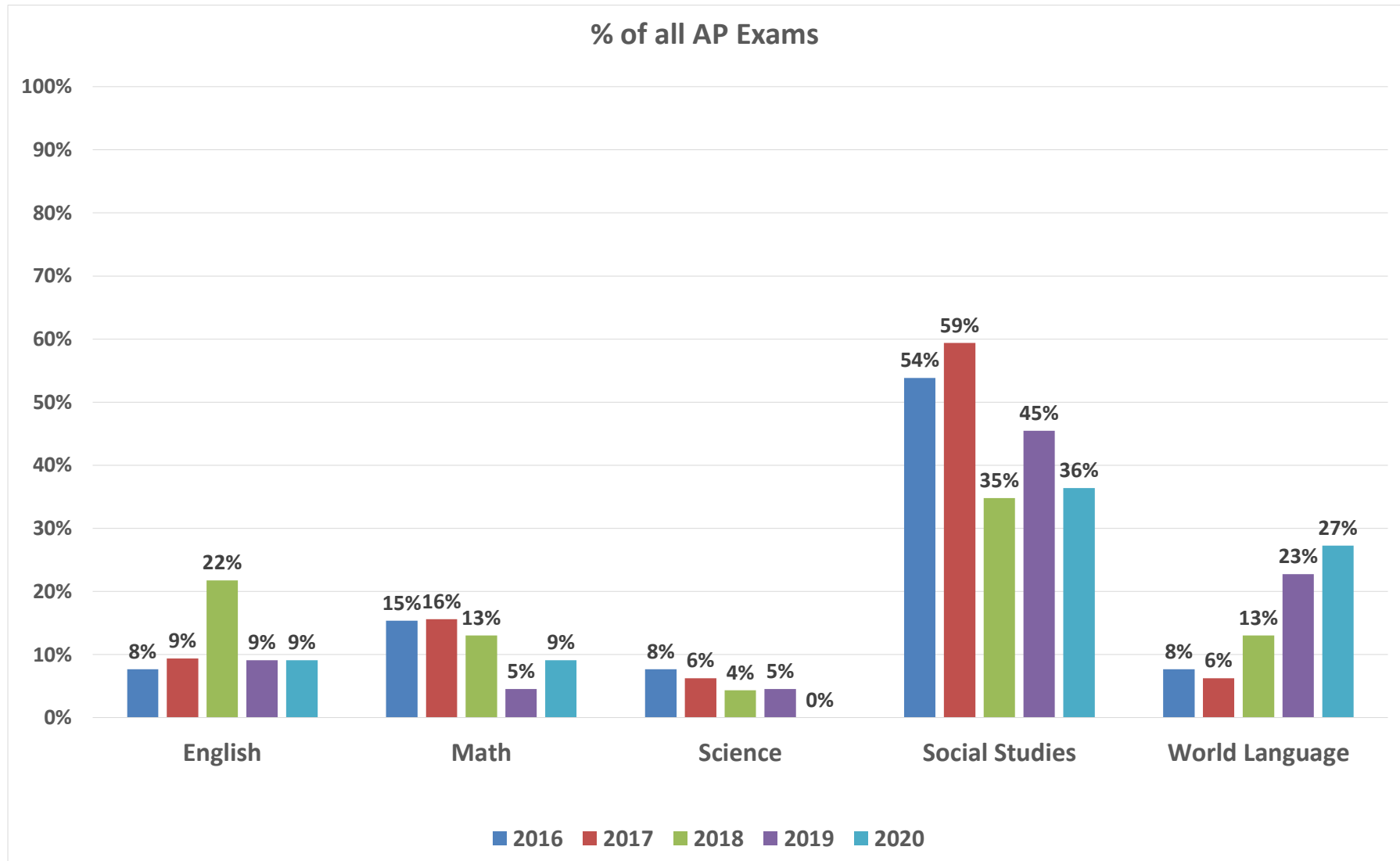
AP Enrollment by Race - Asian



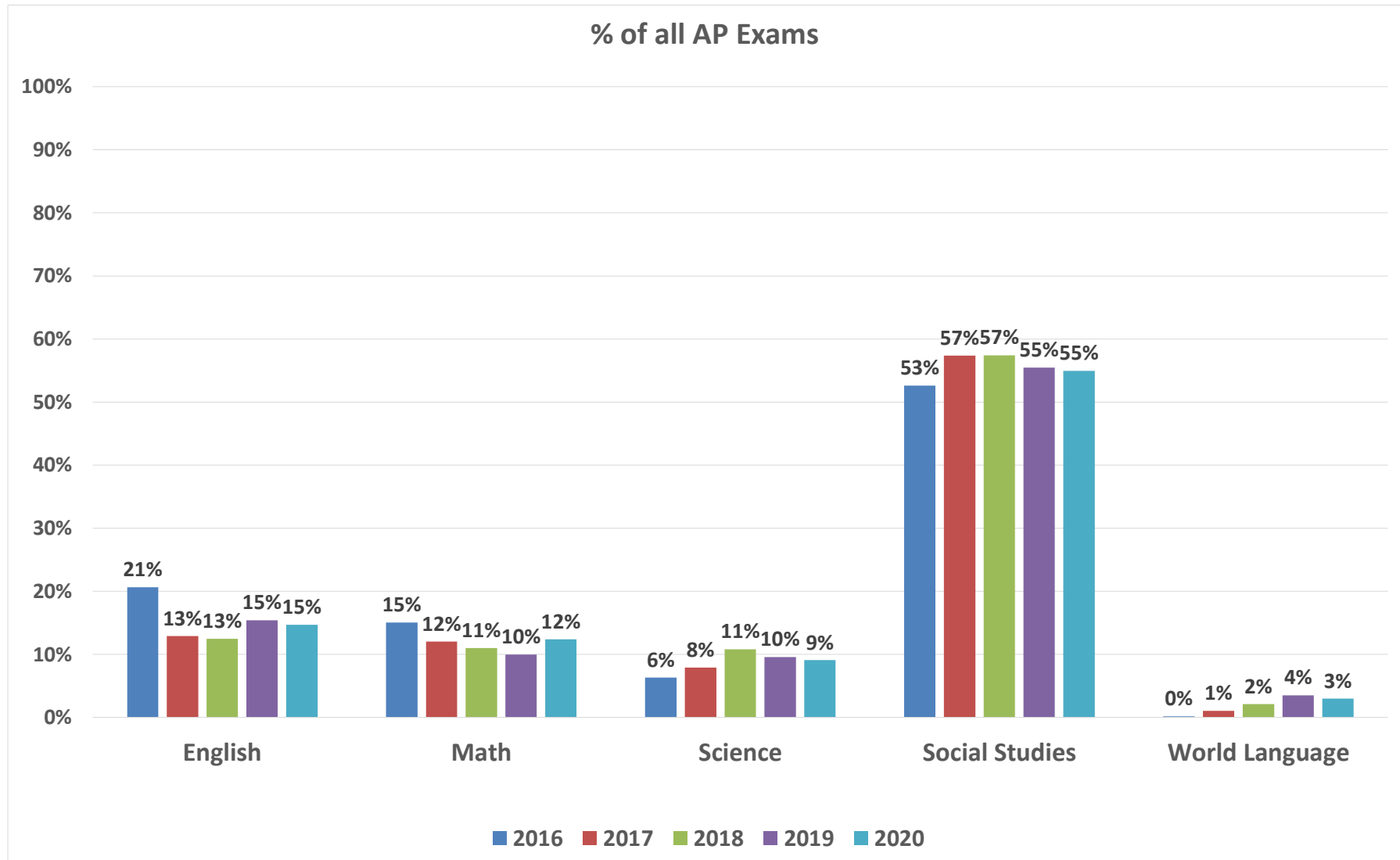
AP Enrollment by Race - Black



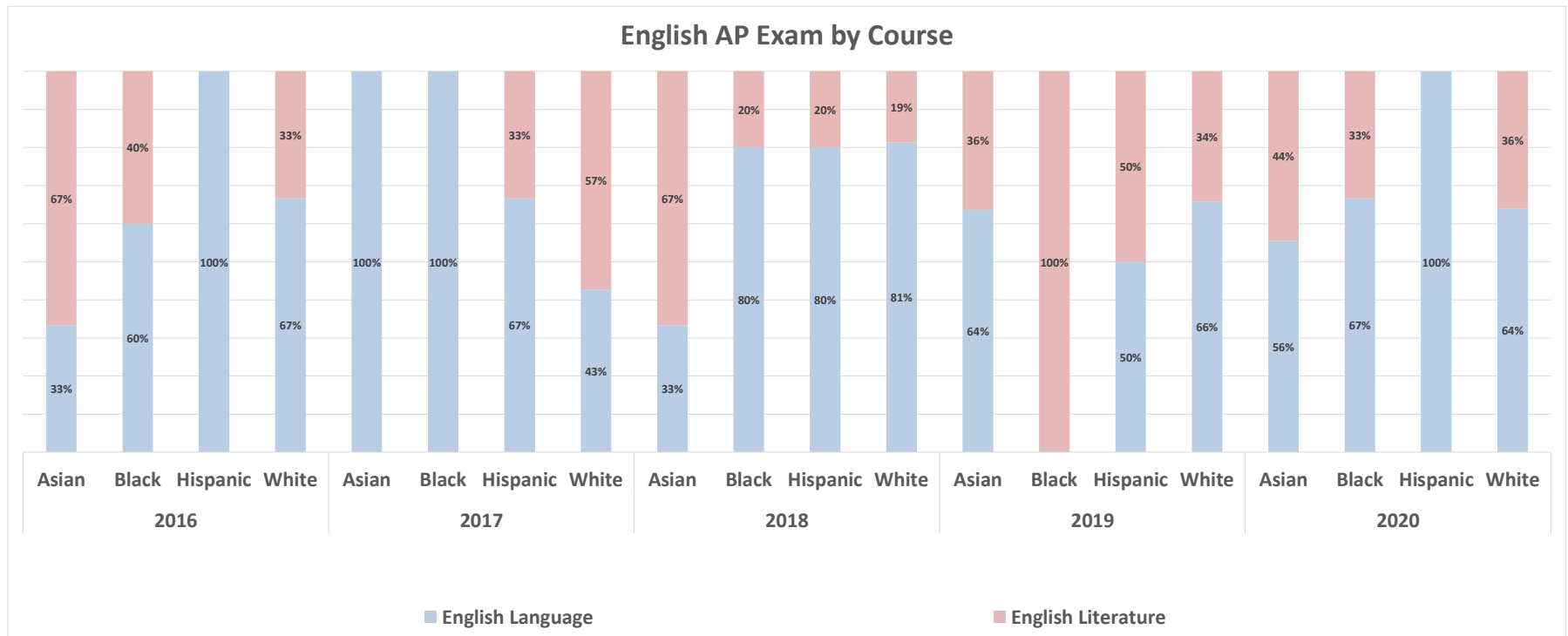
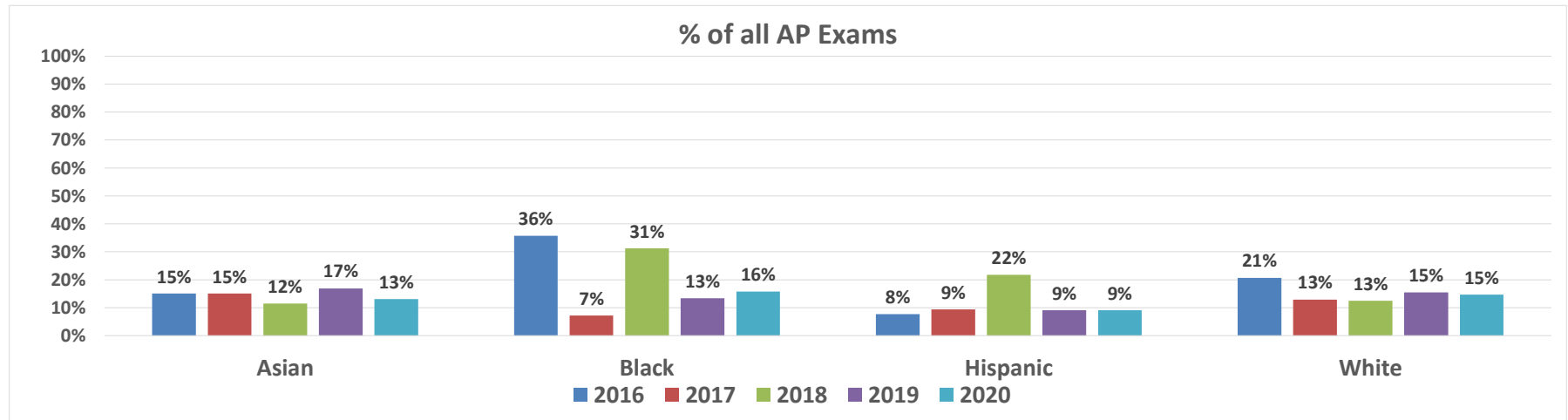
AP Enrollment by Race - Hispanic



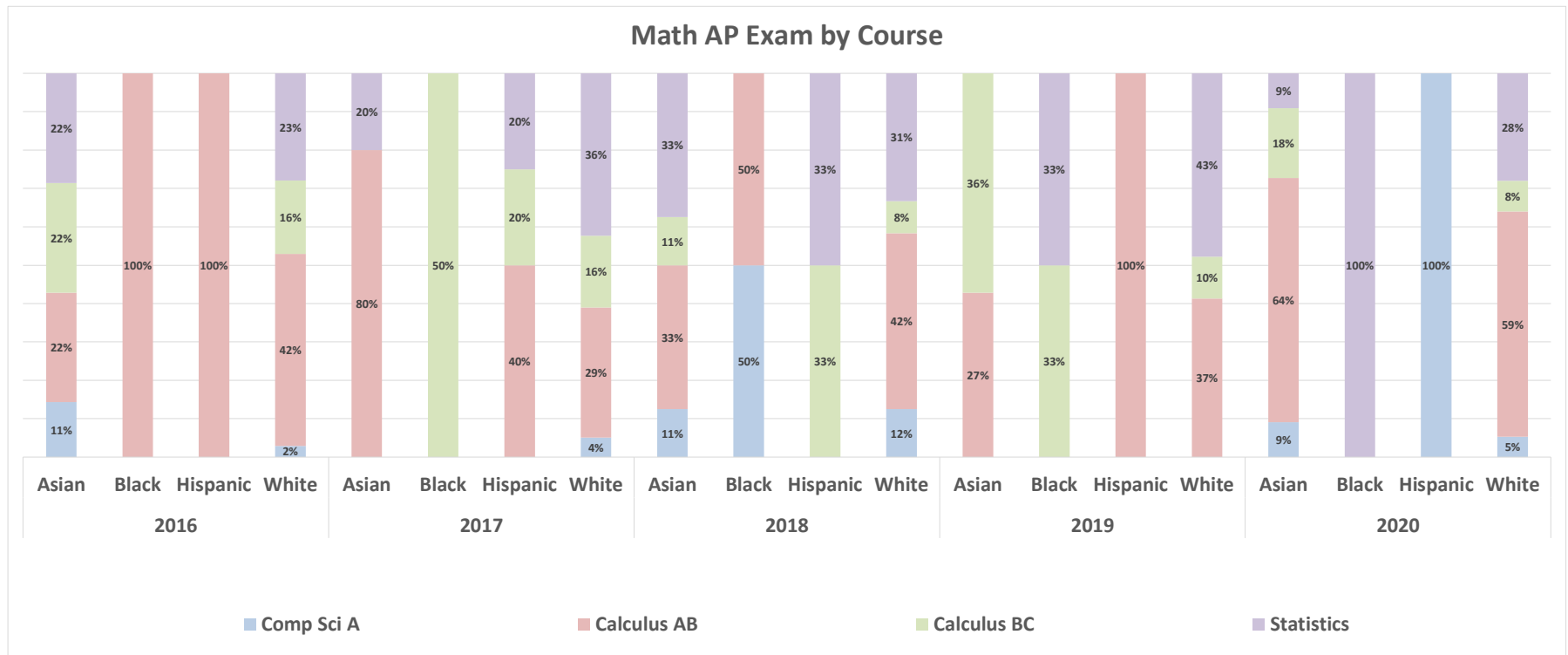
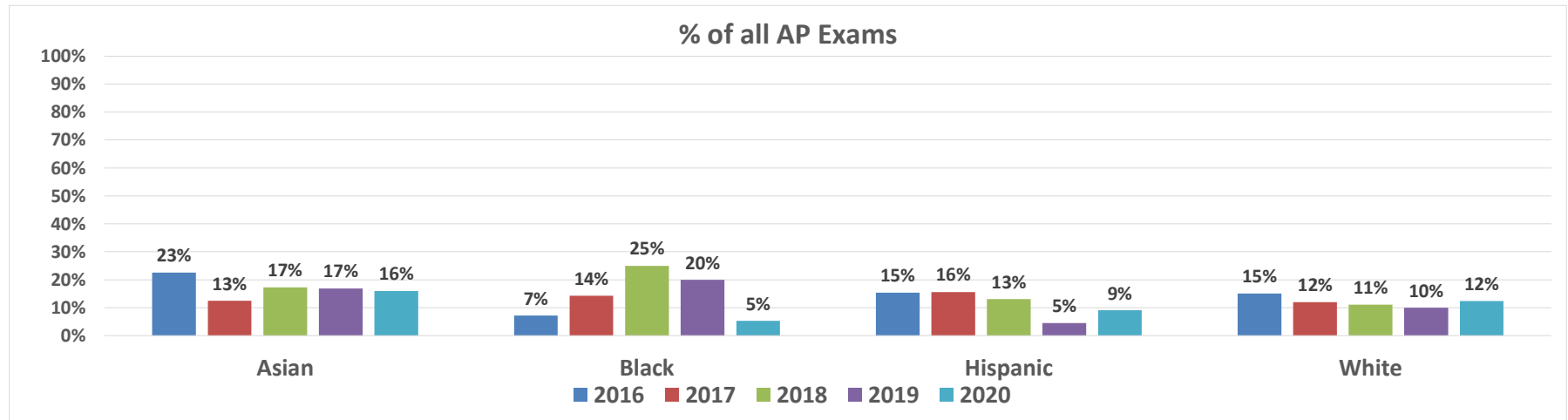
AP Enrollment by Race - White



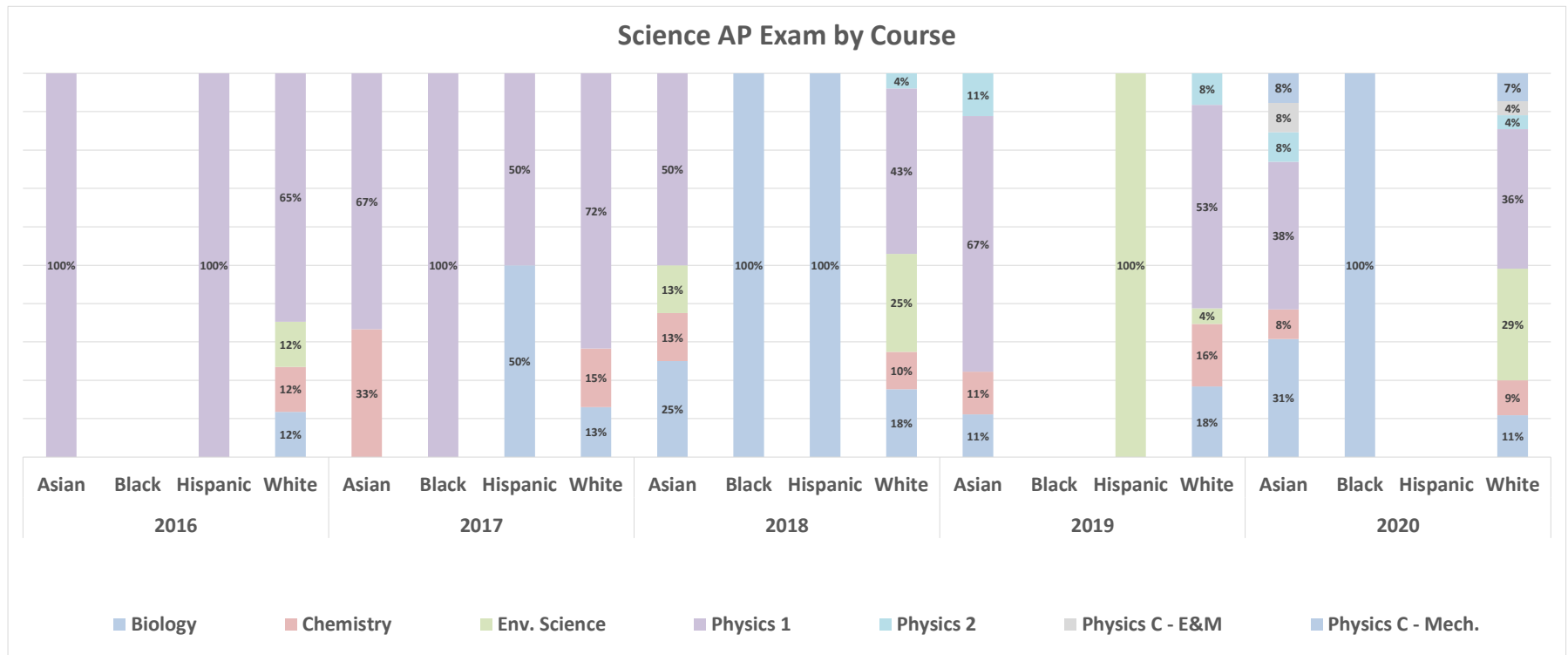
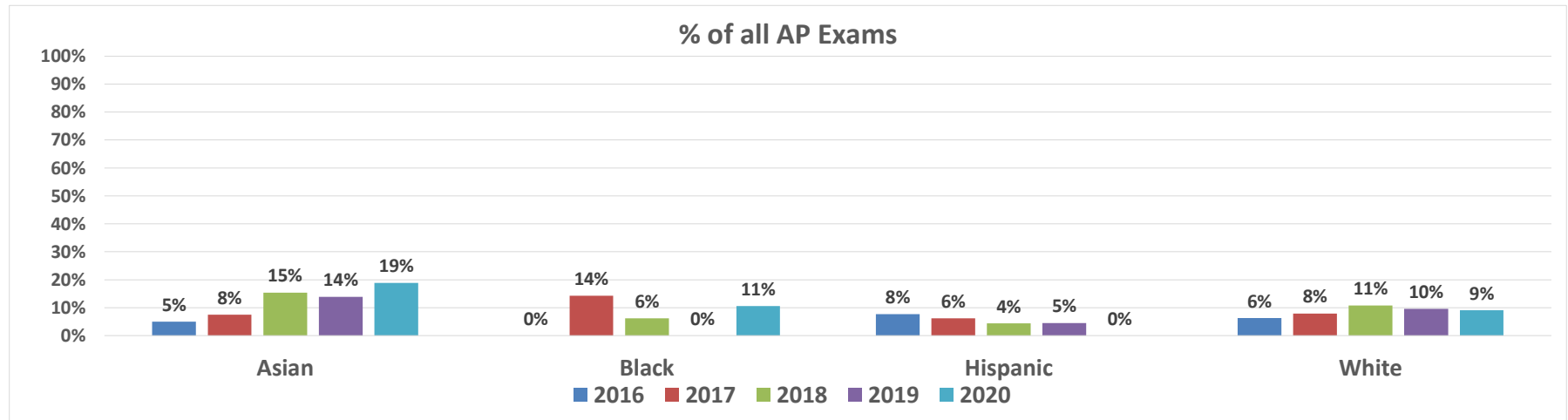
AP Enrollment by Race - English



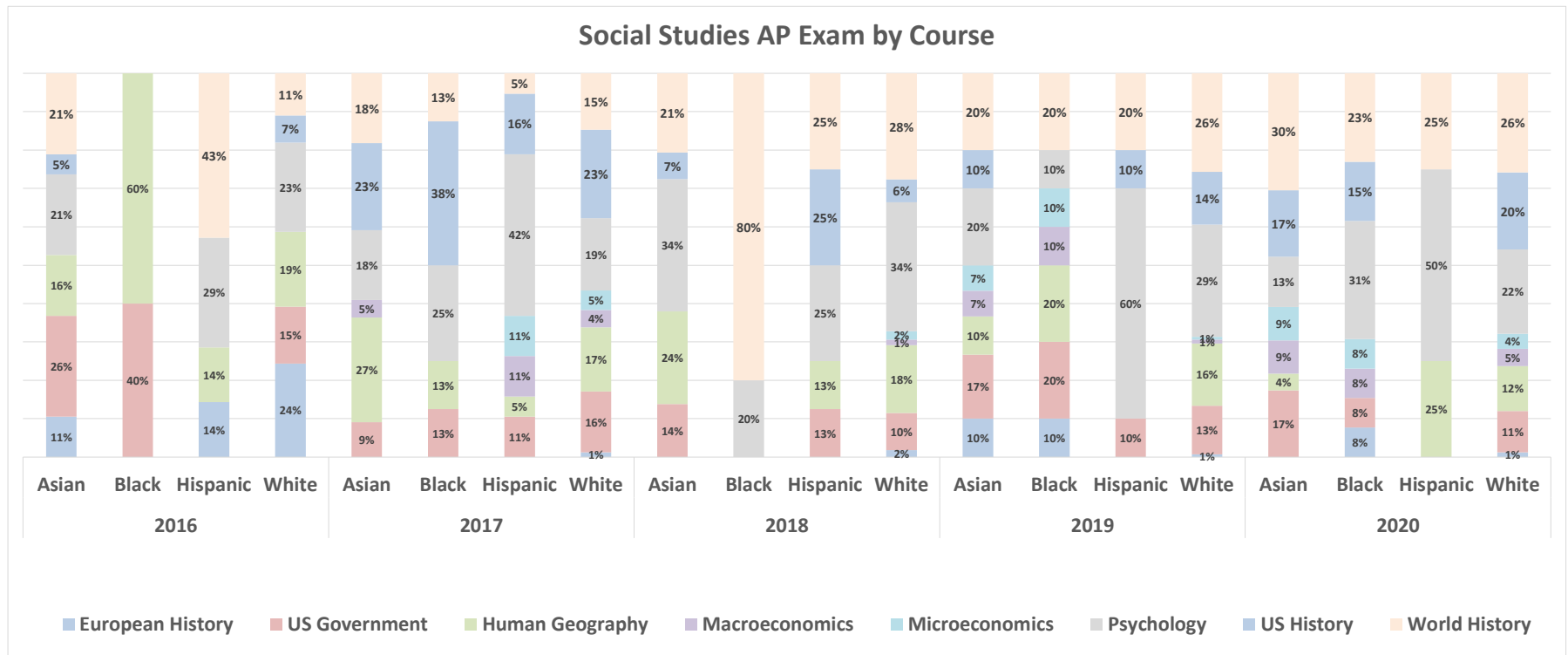
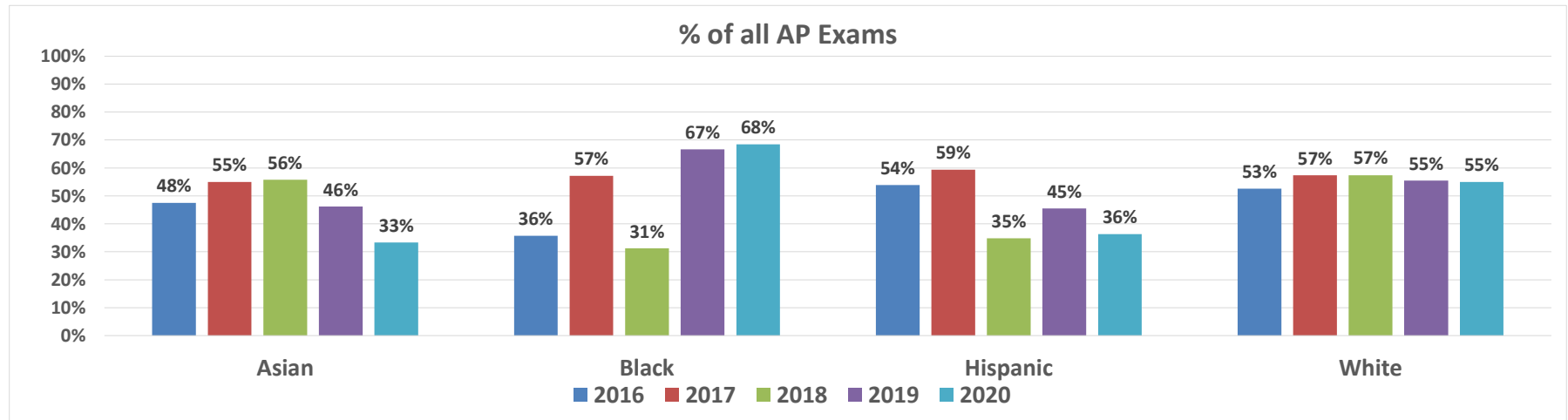
AP Enrollment by Race - Math



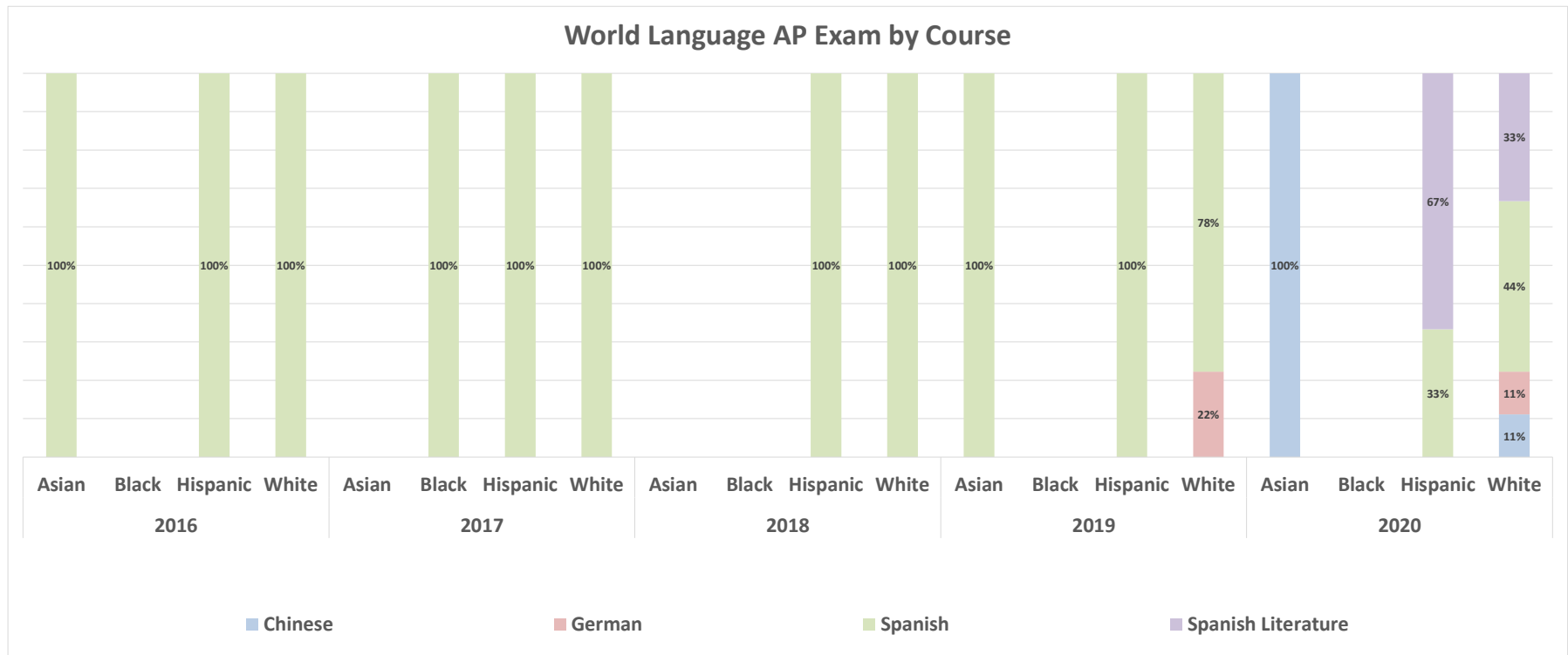
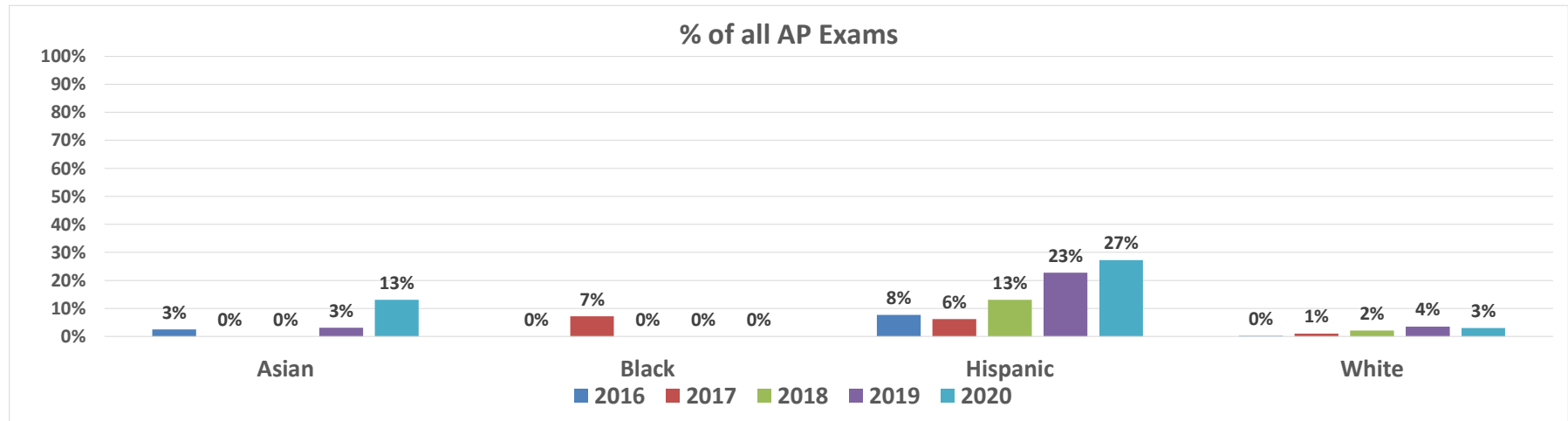
AP Enrollment by Race - Science



AP Enrollment by Race - Social Studies



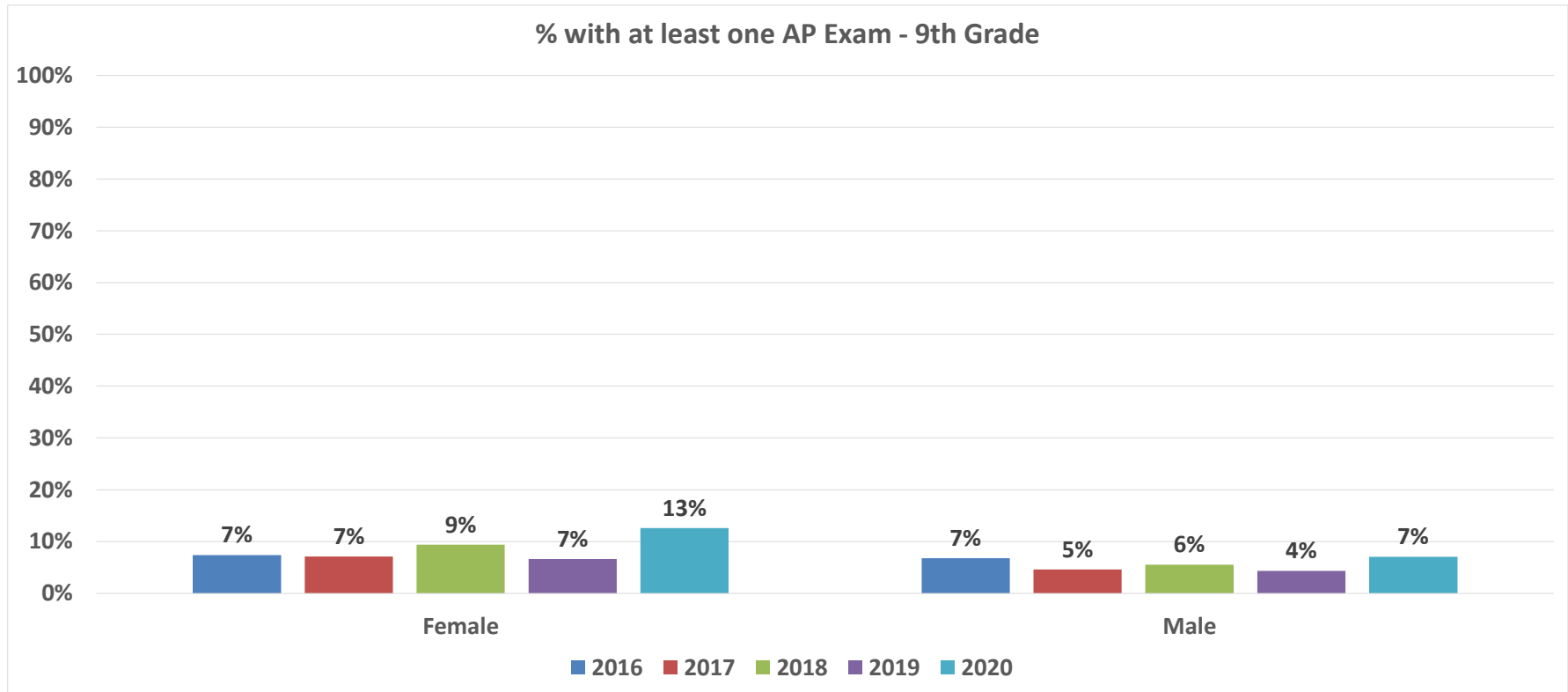
AP Enrollment by Race - World Language



Section 4

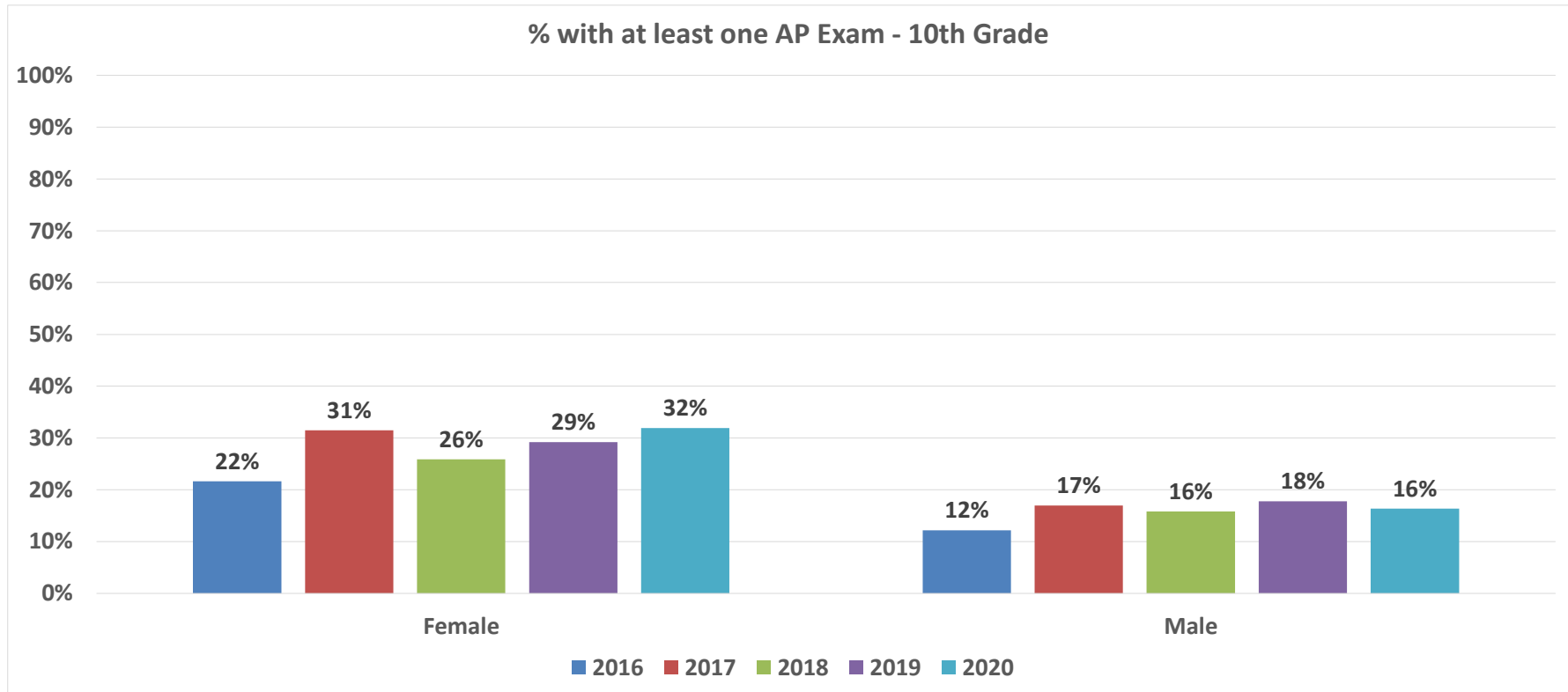
AP Enrollment by Gender

AP Enrollment by Gender



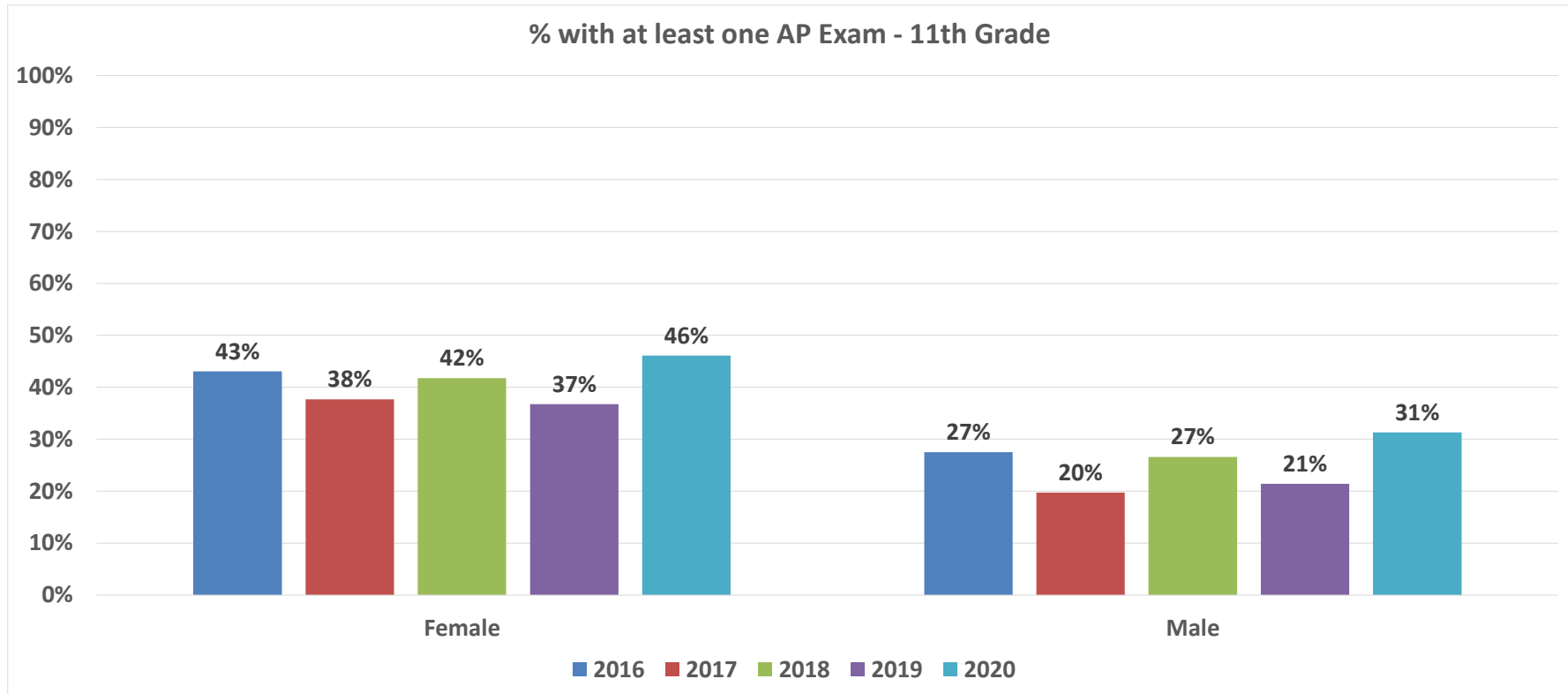
| | Total # Enrolled (9th Grade) | | | | | # of Total Student Population (9th Grade) | | | | | # of Students with at least one AP Exam (9th Grade) | | | | | % of Students with at least one AP Exam (9th Grade) | | | | |
|--------------|---------------------------------|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 190 | 226 | 224 | 211 | 230 | 11% | 13% | 13% | 12% | 13% | 14 | 16 | 21 | 14 | 29 | 7% | 7% | 9% | 7% | 13% |
| Male | 236 | 218 | 217 | 231 | 213 | 14% | 13% | 12% | 13% | 12% | 16 | 10 | 12 | 10 | 15 | 7% | 5% | 6% | 4% | 7% |
| All Students | 426 | 444 | 441 | 442 | 443 | | | | | | 30 | 26 | 33 | 24 | 44 | 7% | 6% | 7% | 5% | 10% |

AP Enrollment by Gender



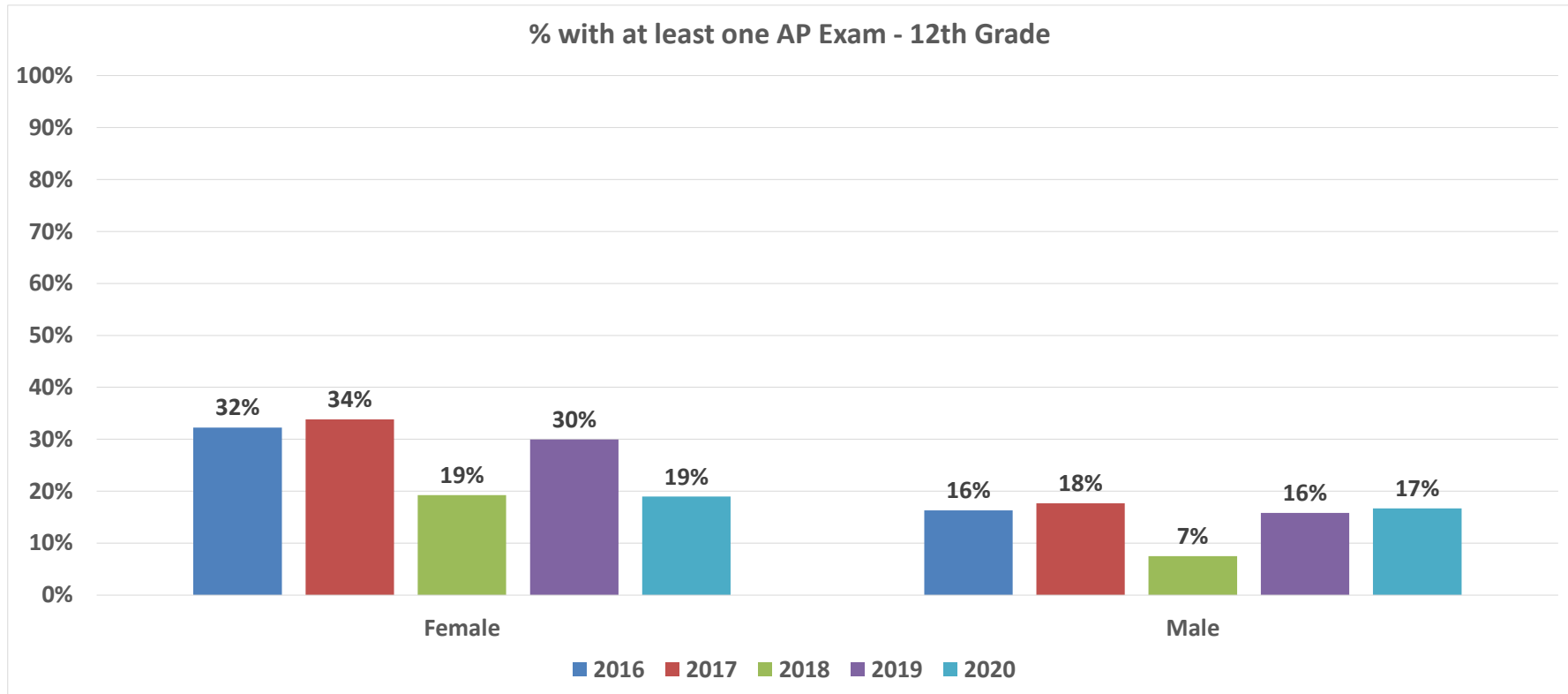
| | Total # Enrolled (10th Grade) | | | | | # of Total Student Population (10th Grade) | | | | | # of Students with at least one AP Exam (10th Grade) | | | | | % of Students with at least one AP Exam (10th Grade) | | | | |
|--------------|-------------------------------|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 208 | 181 | 224 | 226 | 213 | 12% | 10% | 13% | 13% | 12% | 45 | 57 | 58 | 66 | 68 | 22% | 31% | 26% | 29% | 32% |
| Male | 222 | 236 | 221 | 214 | 214 | 13% | 14% | 13% | 12% | 12% | 27 | 40 | 35 | 38 | 35 | 12% | 17% | 16% | 18% | 16% |
| All Students | 430 | 417 | 445 | 440 | 427 | | | | | | 108 | 97 | 93 | 104 | 104 | 25% | 23% | 21% | 24% | 24% |

AP Enrollment by Gender



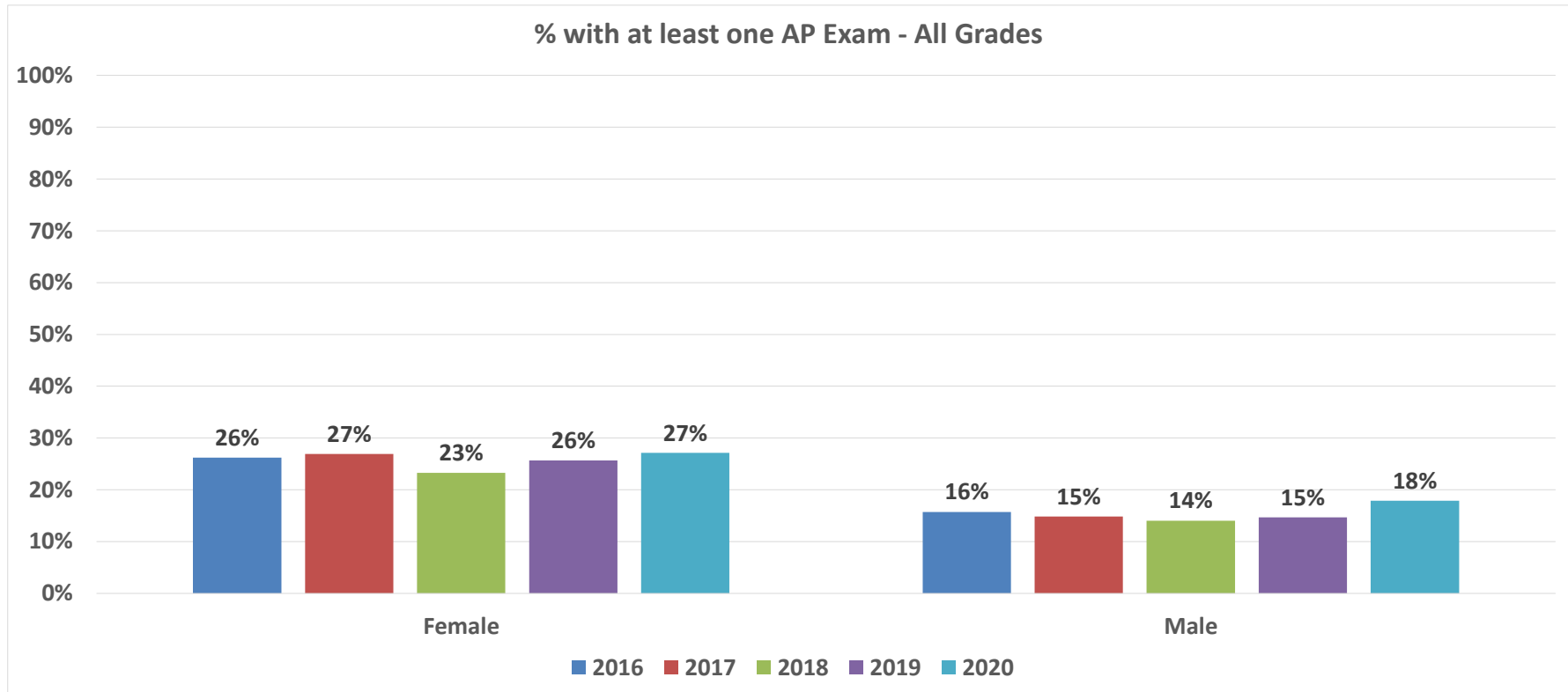
| | Total # Enrolled (10th Grade) | | | | | # of Total Student Population (10th Grade) | | | | | # of Students with at least one AP Exam (10th Grade) | | | | | % of Students with at least one AP Exam (10th Grade) | | | | |
|--------------|-------------------------------|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 202 | 207 | 182 | 215 | 219 | 12% | 12% | 10% | 12% | 12% | 87 | 78 | 76 | 79 | 101 | 43% | 38% | 42% | 37% | 46% |
| Male | 233 | 223 | 233 | 210 | 217 | 14% | 13% | 13% | 12% | 12% | 64 | 44 | 62 | 45 | 68 | 27% | 20% | 27% | 21% | 31% |
| All Students | 435 | 430 | 415 | 425 | 436 | | | | | | 151 | 171 | 138 | 125 | 169 | 35% | 40% | 33% | 29% | 39% |

AP Enrollment by Gender



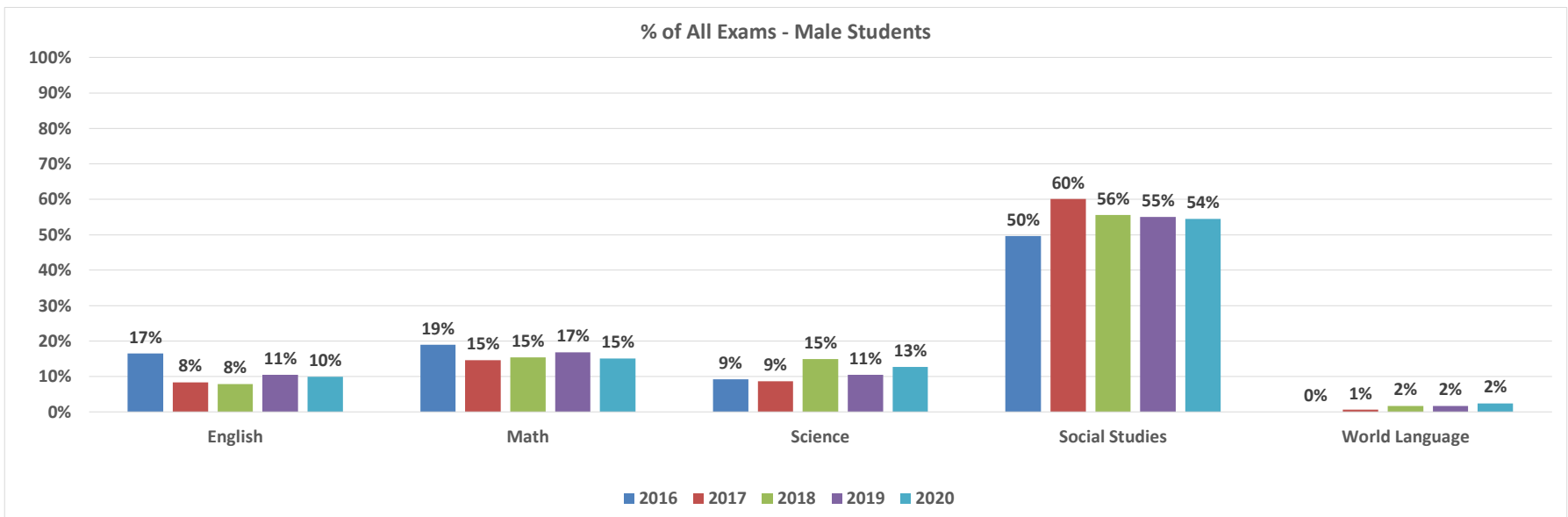
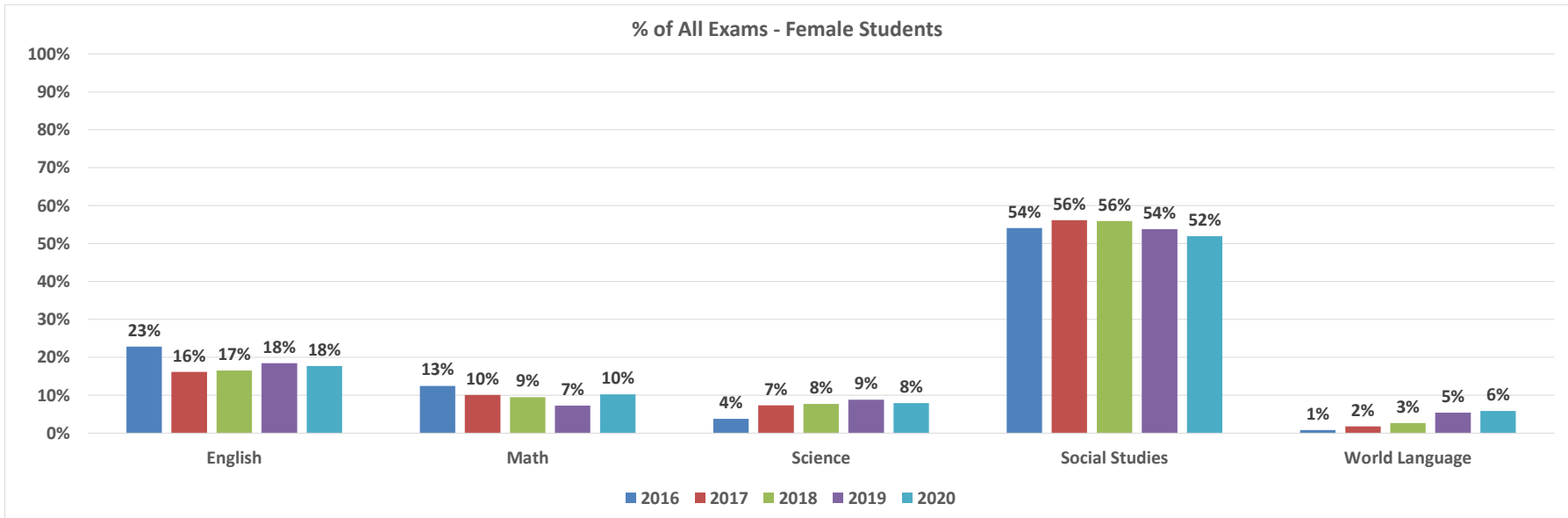
| | Total # Enrolled (10th Grade) | | | | | # of Total Student Population (10th Grade) | | | | | # of Students with at least one AP Exam (10th Grade) | | | | | % of Students with at least one AP Exam (10th Grade) | | | | |
|--------------|-------------------------------|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 186 | 204 | 213 | 187 | 227 | 11% | 12% | 12% | 11% | 13% | 60 | 69 | 41 | 56 | 43 | 32% | 34% | 19% | 30% | 19% |
| Male | 227 | 238 | 227 | 240 | 234 | 13% | 14% | 13% | 14% | 13% | 37 | 42 | 17 | 38 | 39 | 16% | 18% | 7% | 16% | 17% |
| All Students | 413 | 442 | 440 | 427 | 461 | | | | | | 99 | 112 | 91 | 94 | 82 | 24% | 25% | 21% | 22% | 18% |

AP Enrollment by Gender

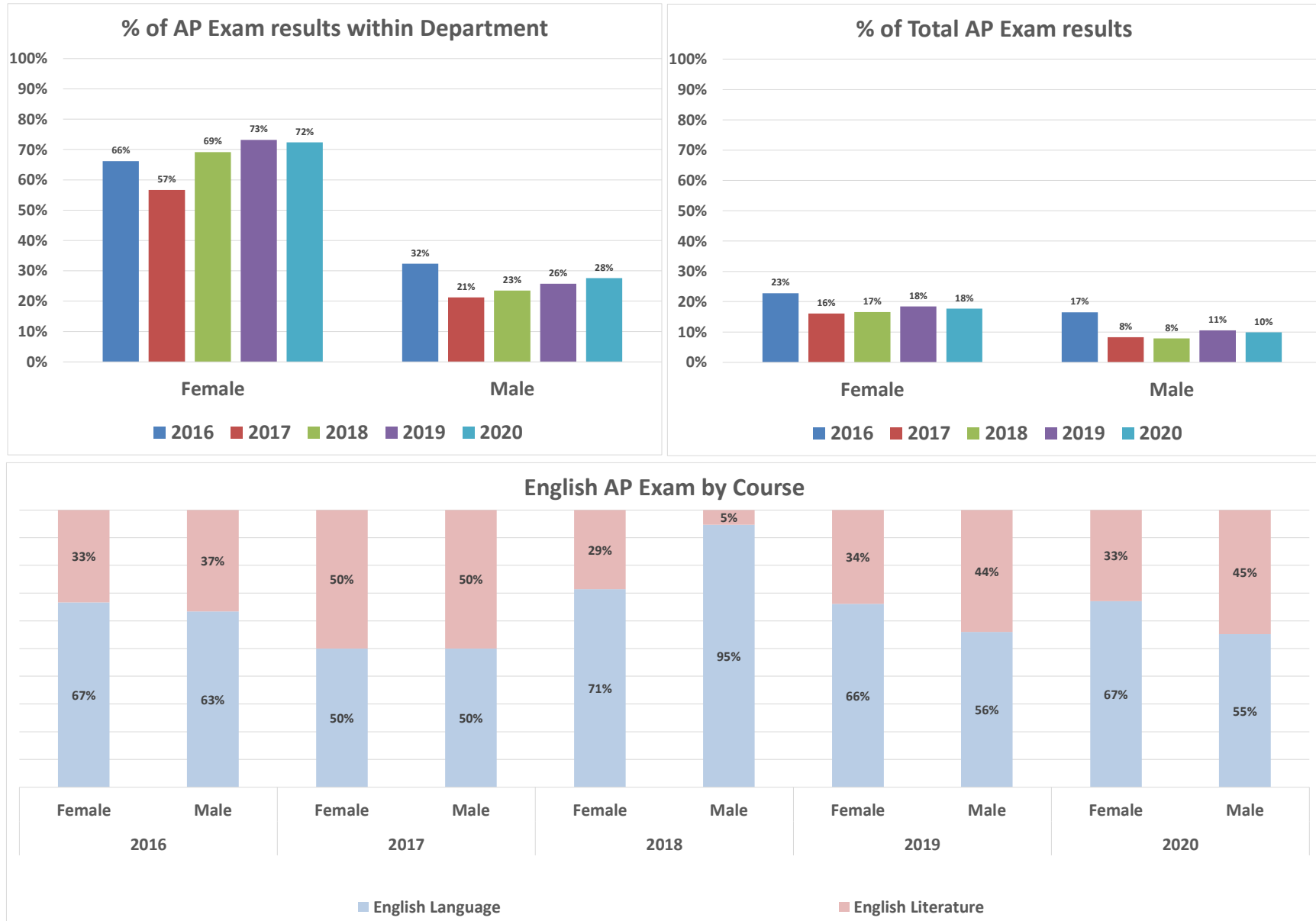


| | Total # Enrolled (11th and 12th Grade) | | | | | # of Total Student Population (11th and 12th Grade) | | | | | # of Students with at least one AP Exam (11th and 12th Grade) | | | | | % of Students with at least one AP Exam (11th and 12th Grade) | | | | |
|--------------|---|-------|-------|-------|-------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 786 | 818 | 843 | 839 | 889 | 46% | 47% | 48% | 48% | 50% | 206 | 220 | 196 | 215 | 241 | 26% | 27% | 23% | 26% | 27% |
| Male | 918 | 915 | 898 | 895 | 878 | 54% | 53% | 52% | 52% | 50% | 144 | 136 | 126 | 131 | 157 | 16% | 15% | 14% | 15% | 18% |
| All Students | 1,704 | 1,733 | 1,741 | 1,734 | 1,767 | | | | | | 388 | 406 | 355 | 347 | 399 | 23% | 23% | 20% | 20% | 23% |

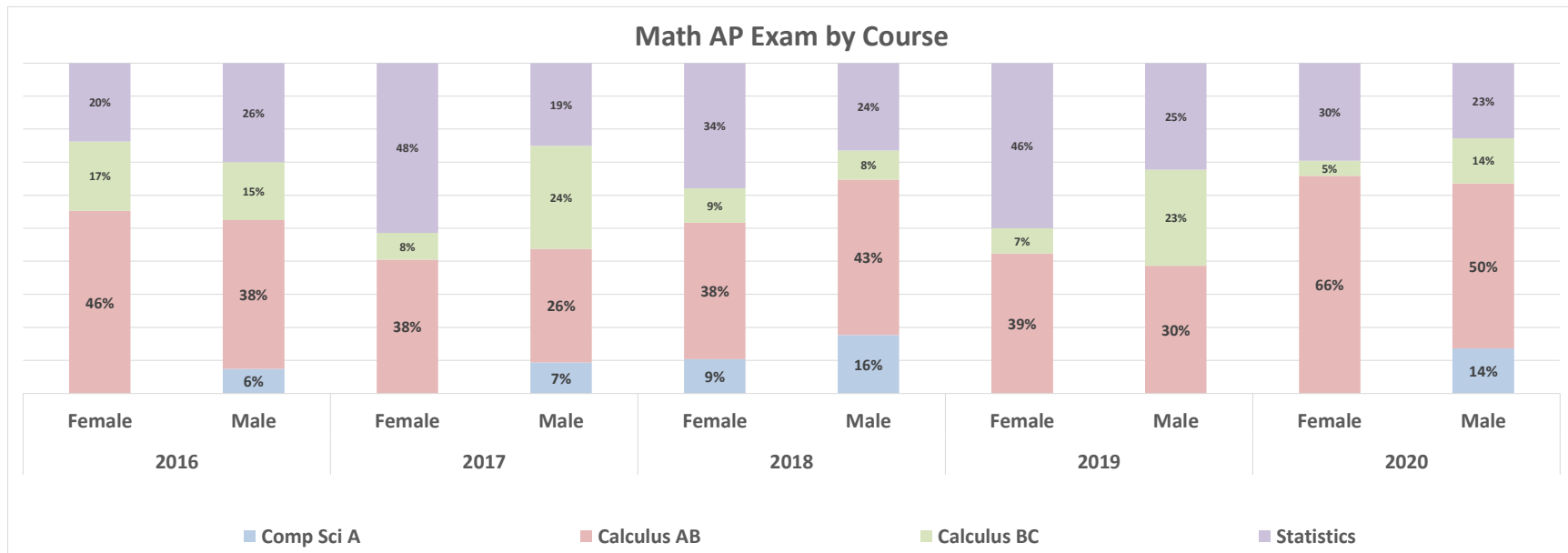
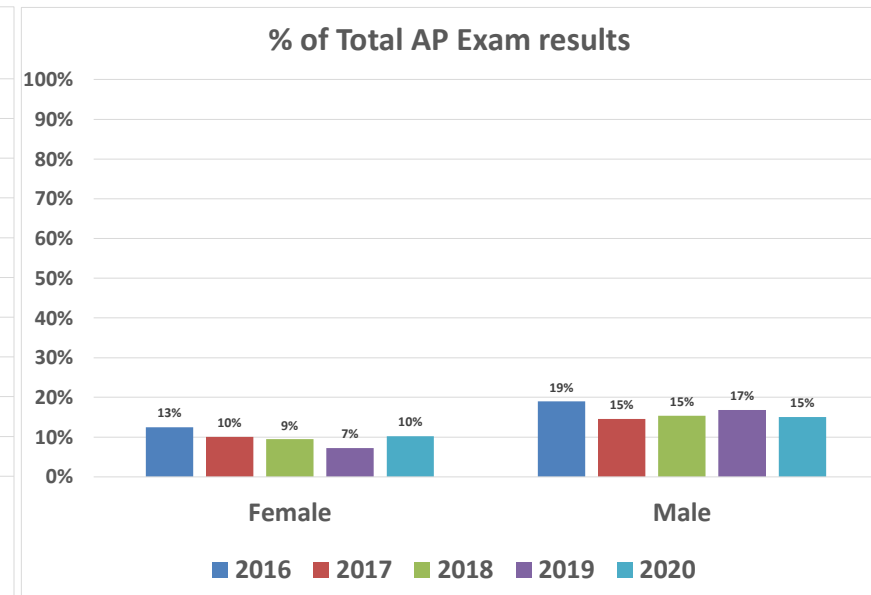
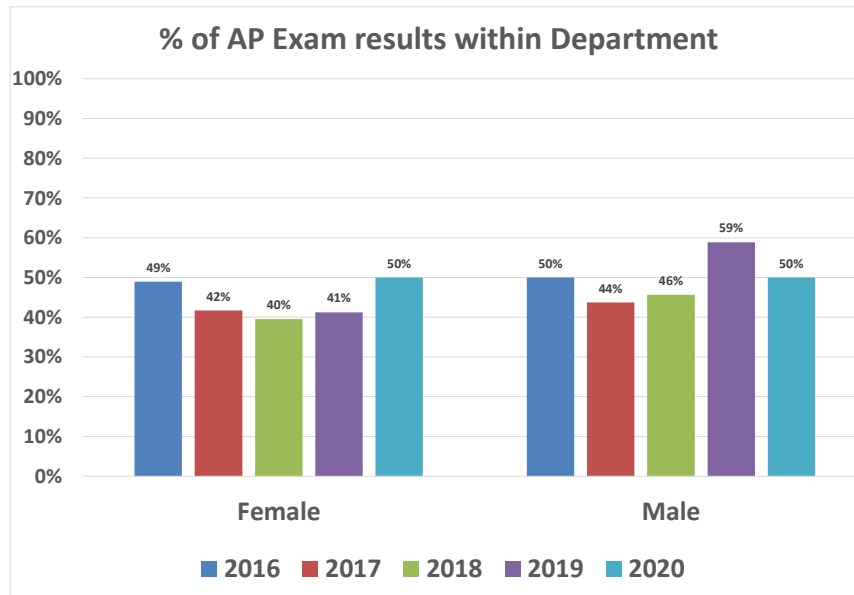
AP Enrollment by Gender



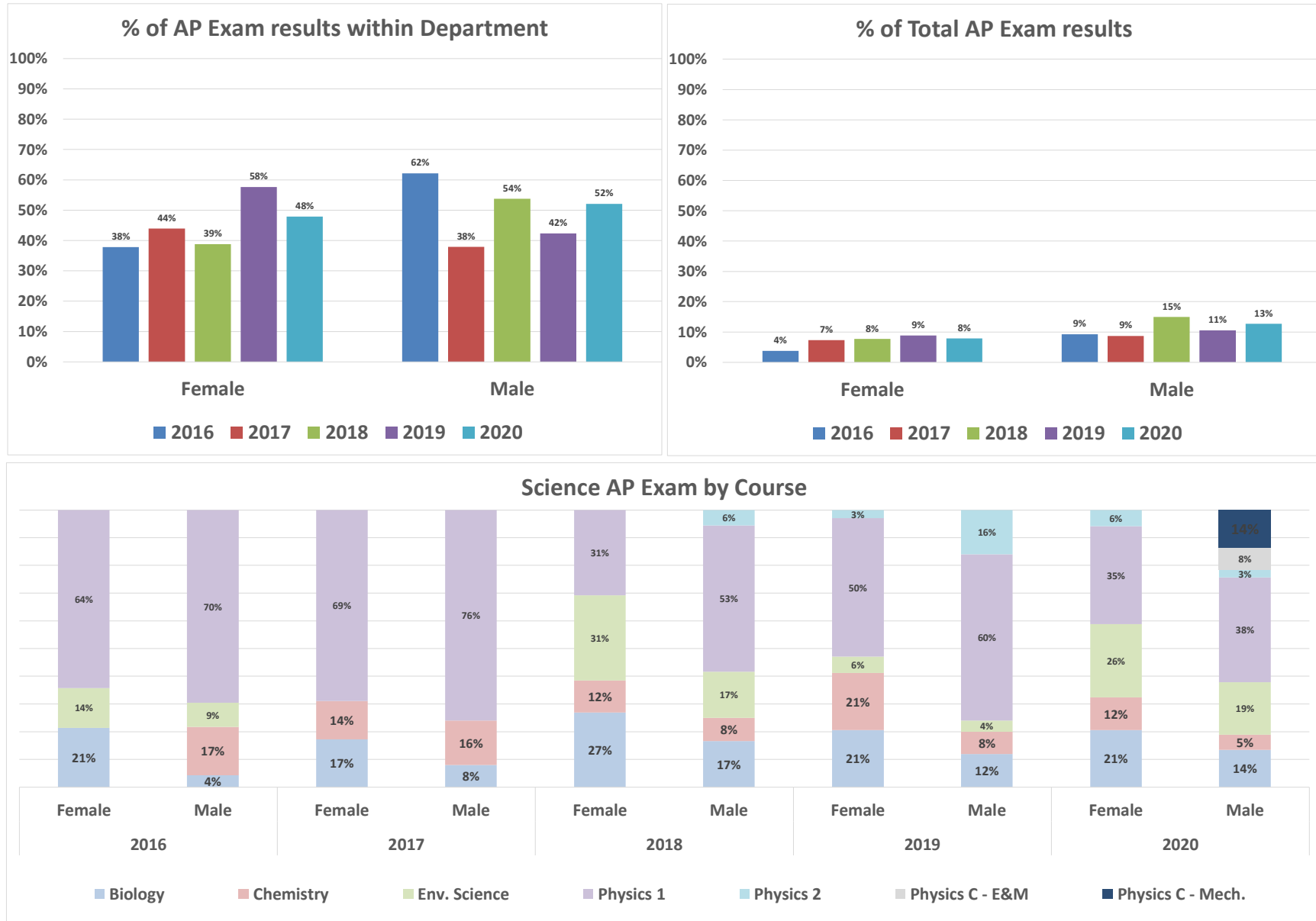
AP Enrollment by Gender - English



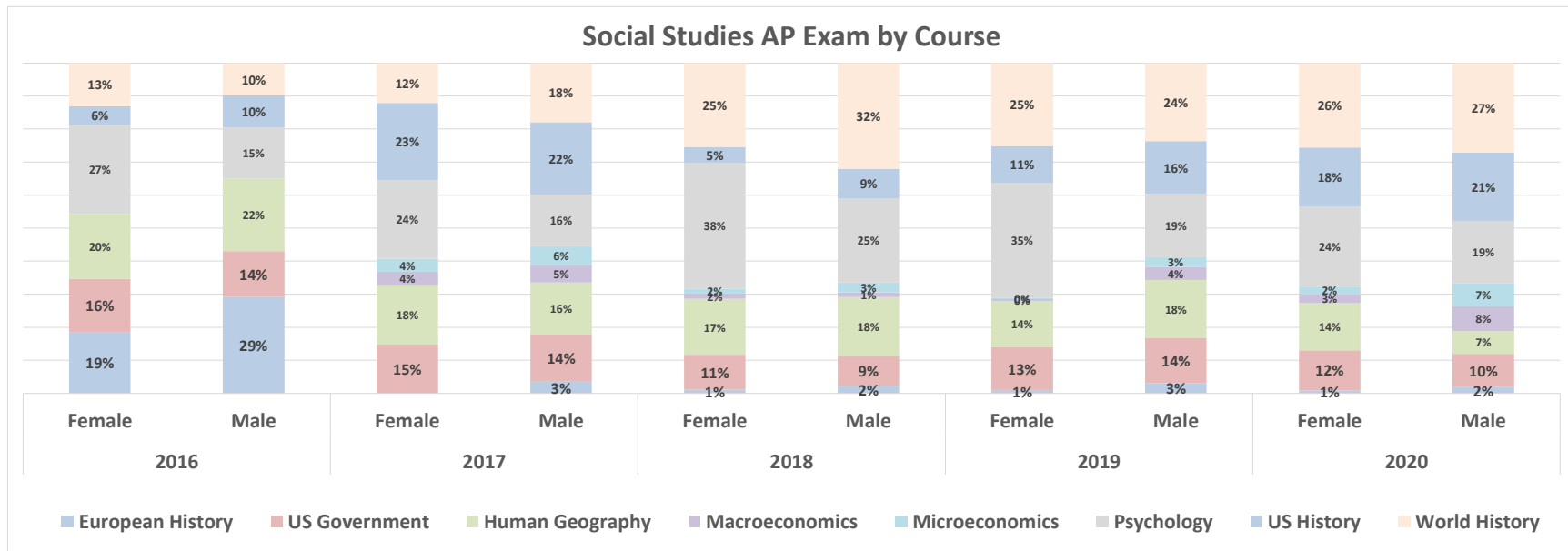
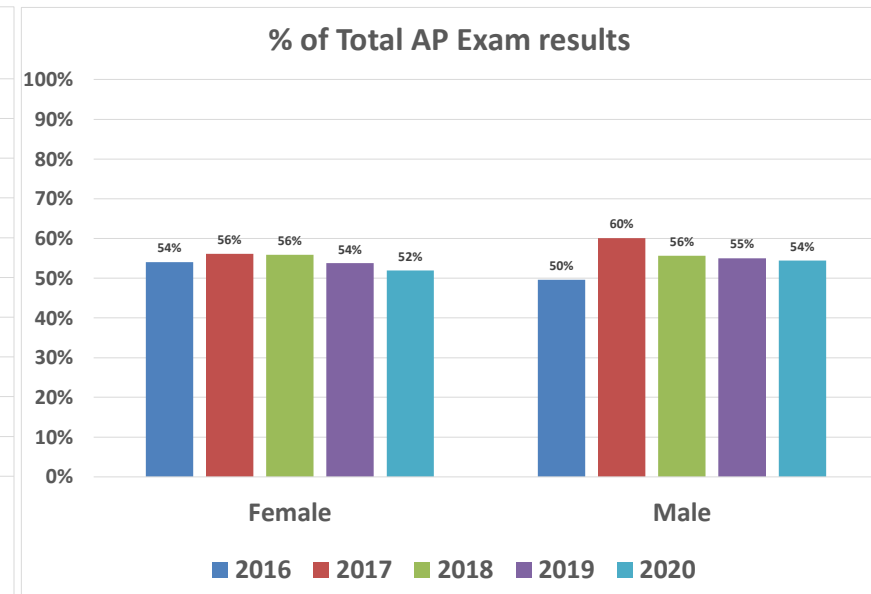
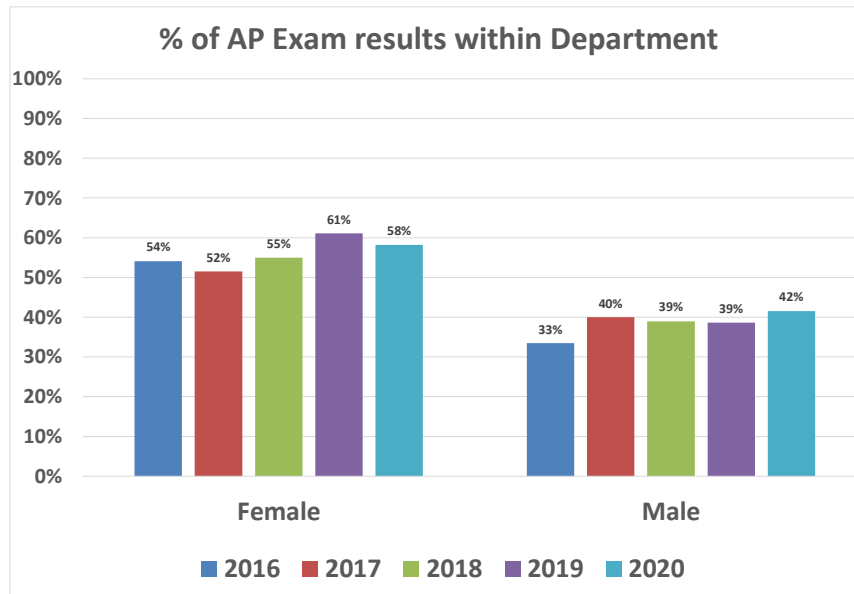
AP Enrollment by Gender - Math



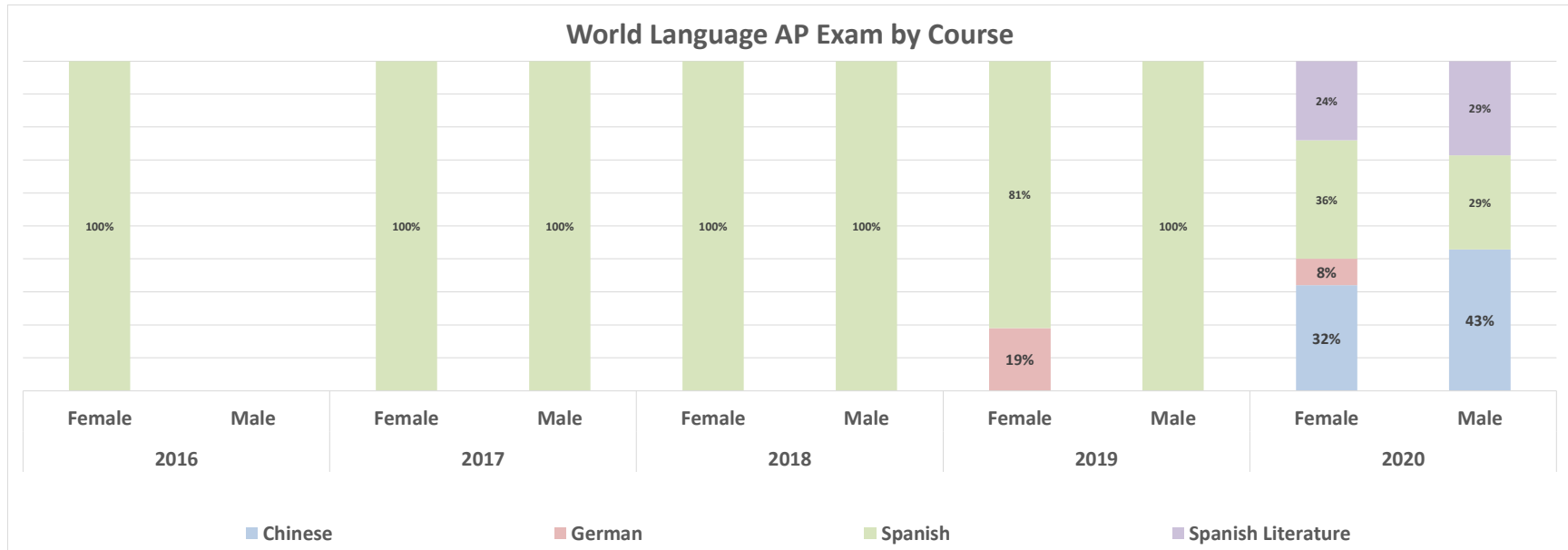
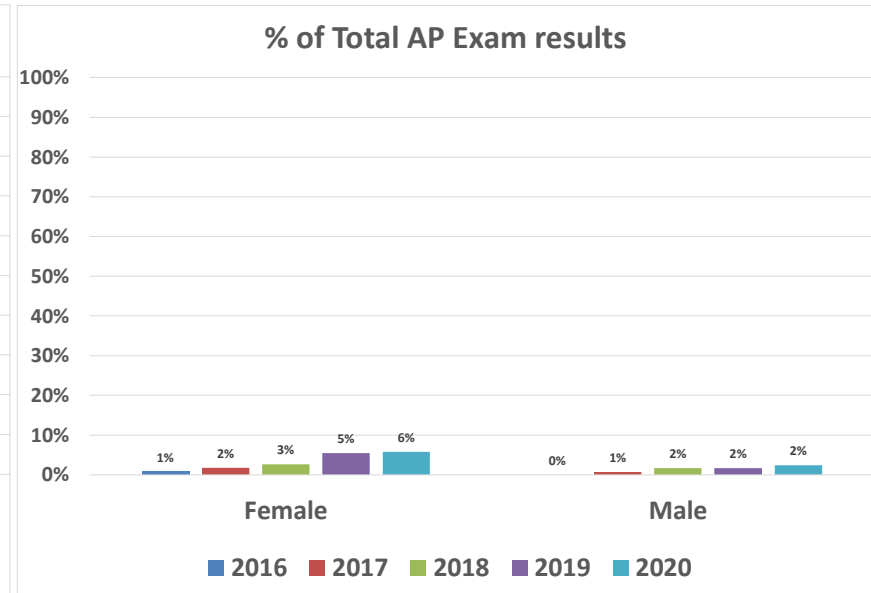
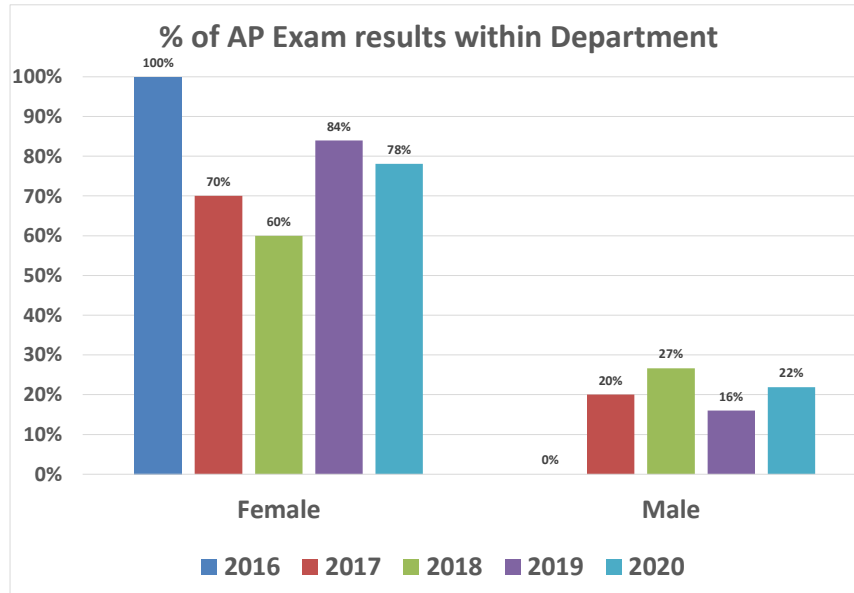
AP Enrollment by Gender - Science



AP Enrollment by Gender - Social Studies



AP Enrollment by Gender - World Language

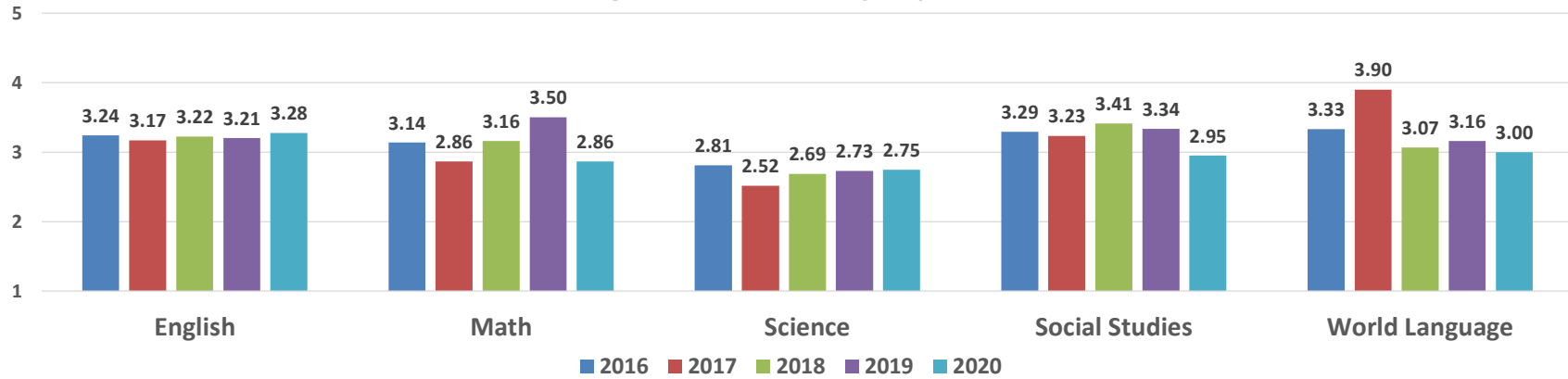


Section 5

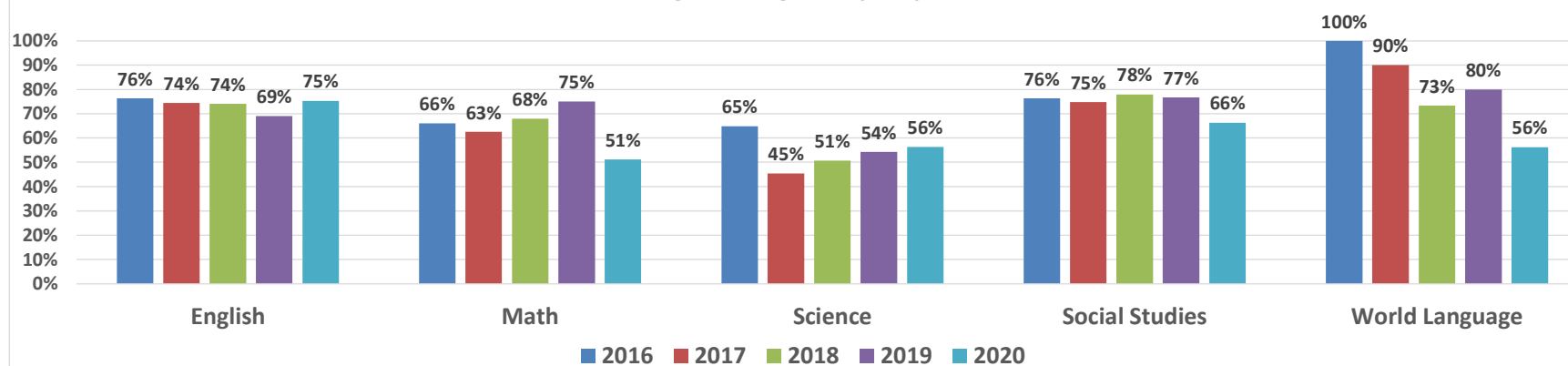
AP Scores

Overall Analysis

Average AP Exam Score by Department

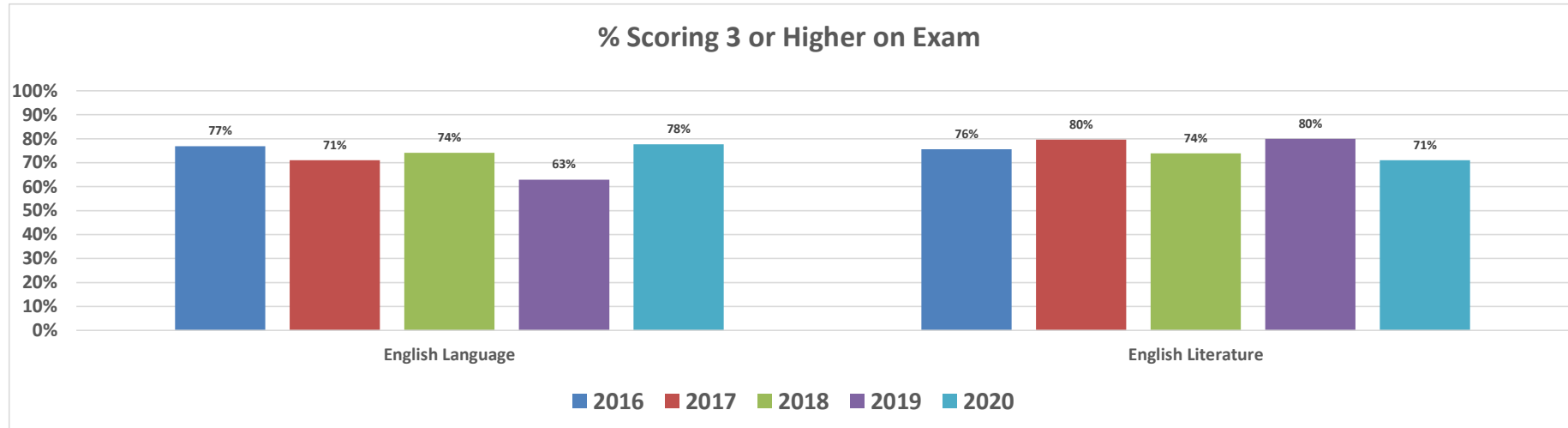
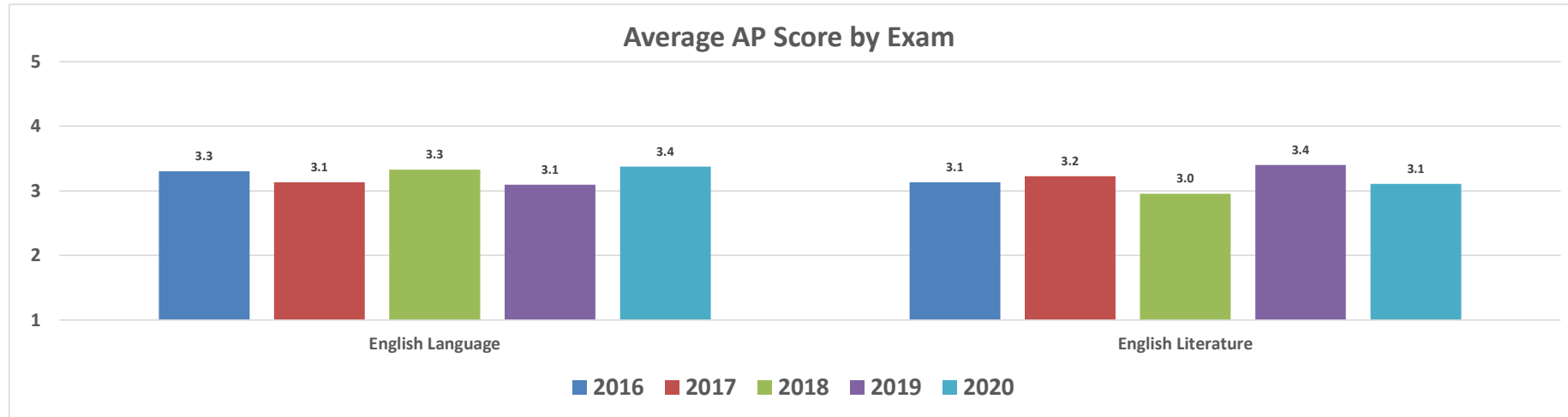


% Scoring 3 or Higher by Department



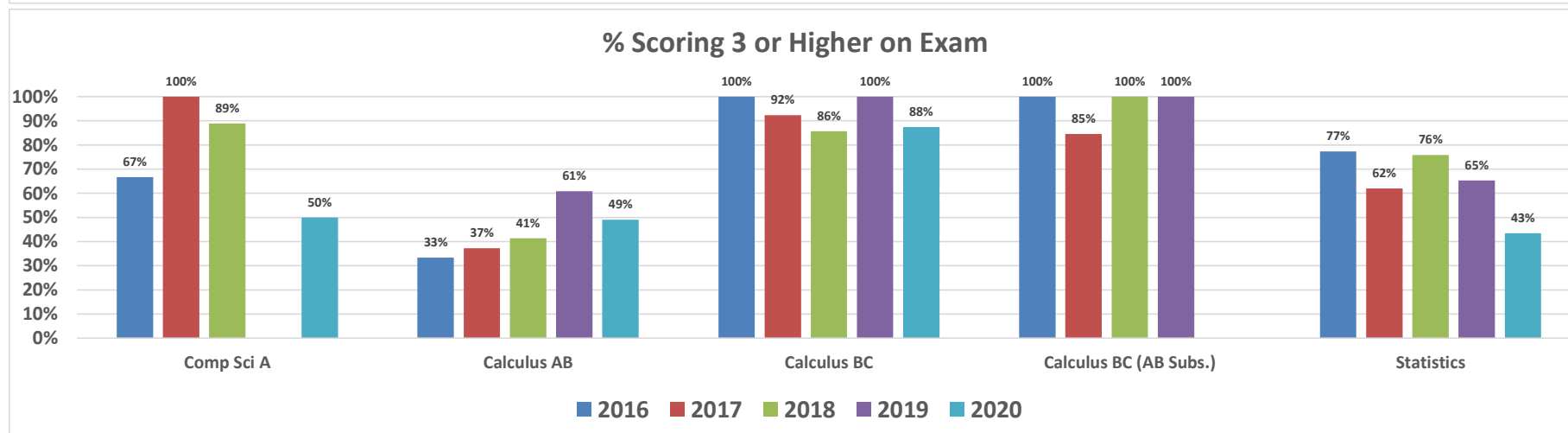
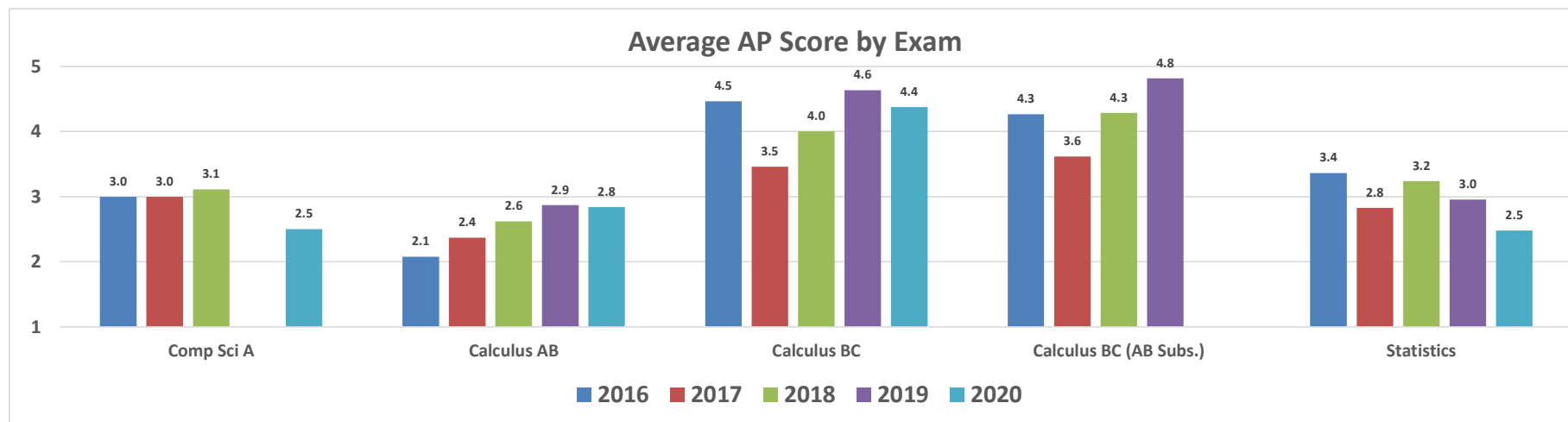
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| English | 127 | 113 | 81 | 97 | 105 | 3.24 | 3.17 | 3.22 | 3.21 | 3.28 | 76% | 74% | 74% | 69% | 75% |
| Math | 94 | 96 | 81 | 68 | 88 | 3.14 | 2.86 | 3.16 | 3.50 | 2.86 | 66% | 63% | 68% | 75% | 51% |
| Science | 37 | 66 | 67 | 59 | 71 | 2.81 | 2.52 | 2.69 | 2.73 | 2.75 | 65% | 45% | 51% | 54% | 56% |
| Social Studies | 368 | 433 | 344 | 339 | 383 | 3.29 | 3.23 | 3.41 | 3.34 | 2.95 | 76% | 75% | 78% | 77% | 66% |
| World Language | 3 | 10 | 15 | 25 | 32 | 3.33 | 3.90 | 3.07 | 3.16 | 3.00 | 100% | 90% | 73% | 80% | 56% |

Analysis by Department - English



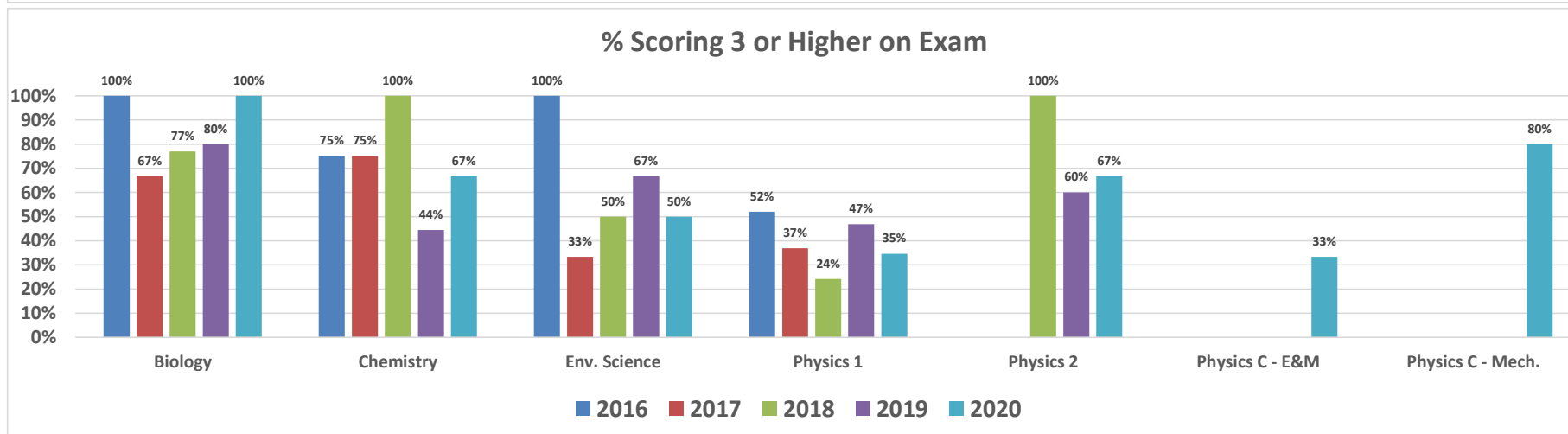
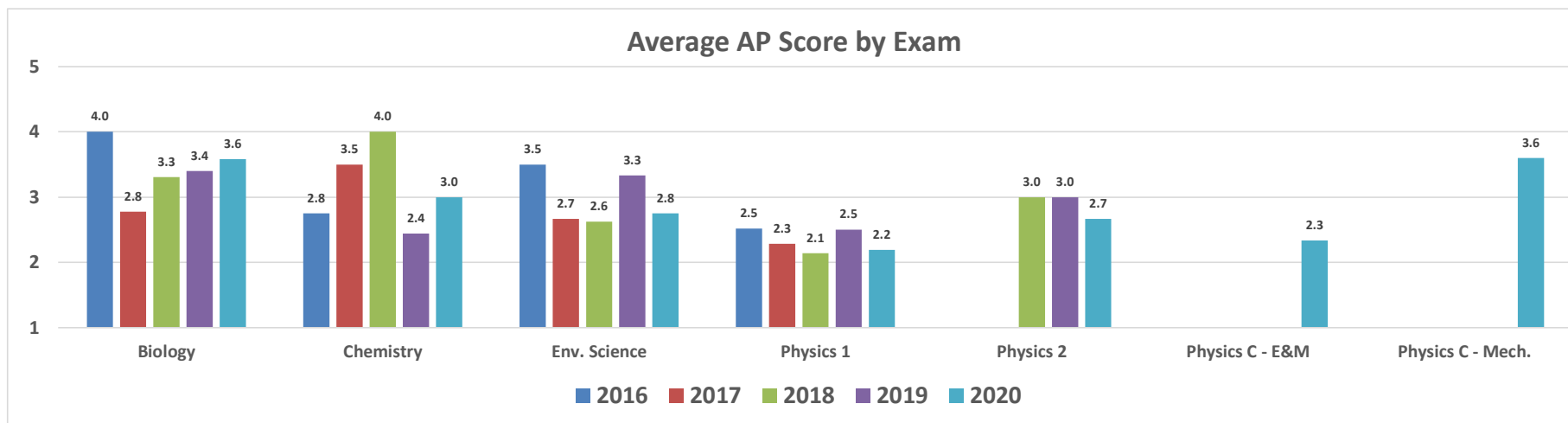
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| English Language | 82 | 69 | 58 | 62 | 67 | 3.30 | 3.13 | 3.33 | 3.10 | 3.37 | 77% | 71% | 74% | 63% | 78% |
| English Literature | 45 | 44 | 23 | 35 | 38 | 3.13 | 3.23 | 2.96 | 3.40 | 3.11 | 76% | 80% | 74% | 80% | 71% |

Analysis by Department - Math



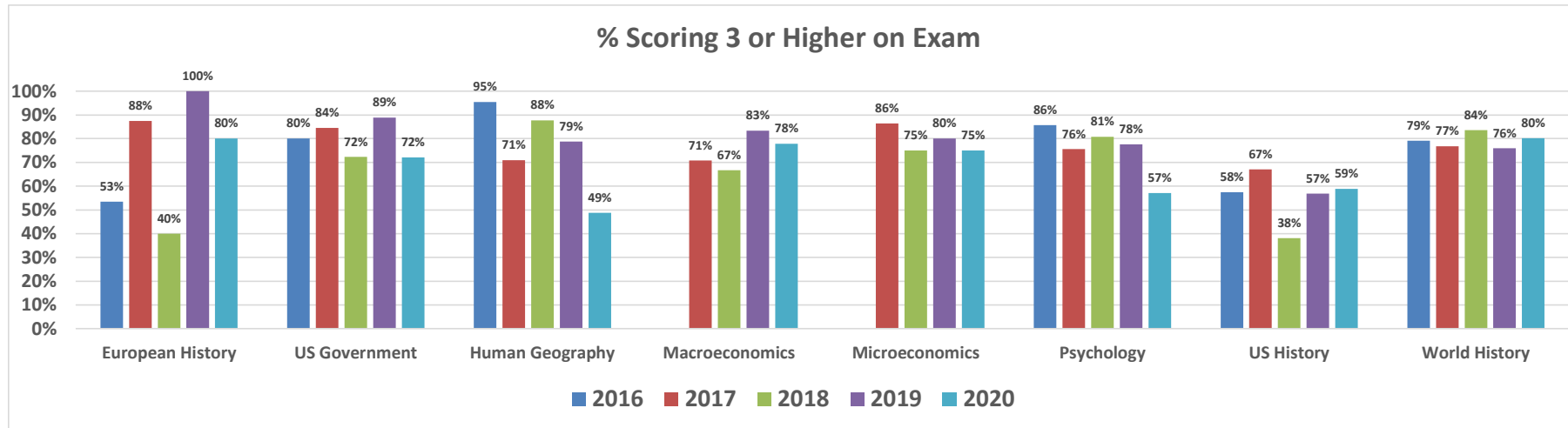
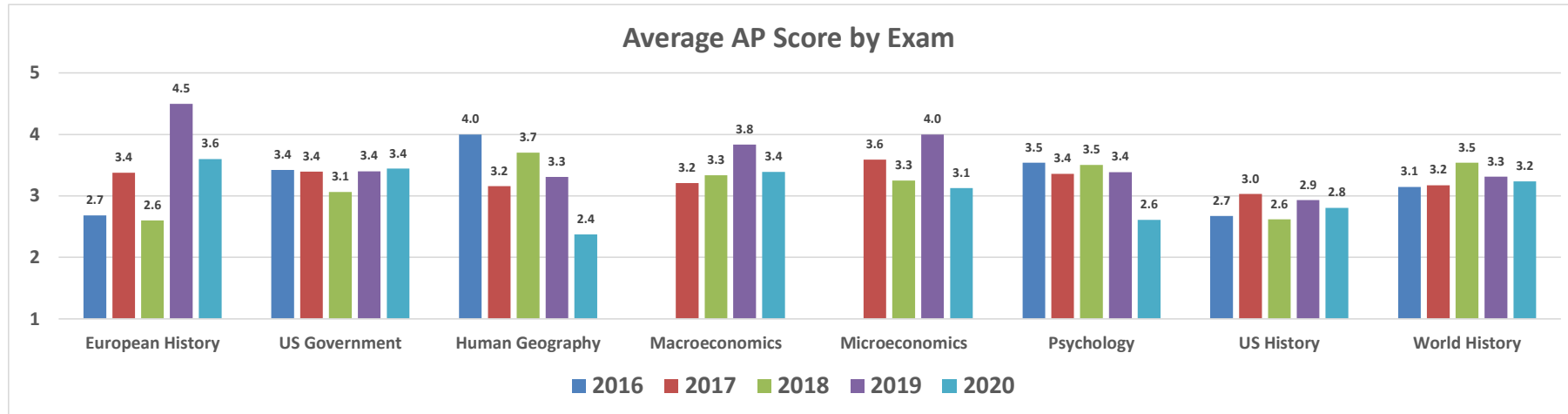
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|------------------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Comp Sci A | 3 | 6 | 9 | 0 | 6 | 3.00 | 3.00 | 3.11 | - | 2.50 | 67% | 100% | 89% | - | 50% |
| Calculus AB | 39 | 35 | 29 | 23 | 51 | 2.08 | 2.37 | 2.62 | 2.87 | 2.84 | 33% | 37% | 41% | 61% | 49% |
| Calculus BC | 15 | 13 | 7 | 11 | 8 | 4.47 | 3.46 | 4.00 | 4.64 | 4.38 | 100% | 92% | 86% | 100% | 88% |
| Calculus BC (AB Subs.) | 15 | 13 | 7 | 11 | 0 | 4.27 | 3.62 | 4.29 | 4.82 | - | 100% | 85% | 100% | 100% | - |
| Statistics | 22 | 29 | 29 | 23 | 23 | 3.36 | 2.83 | 3.24 | 2.96 | 2.48 | 77% | 62% | 76% | 65% | 43% |

Analysis by Department - Science



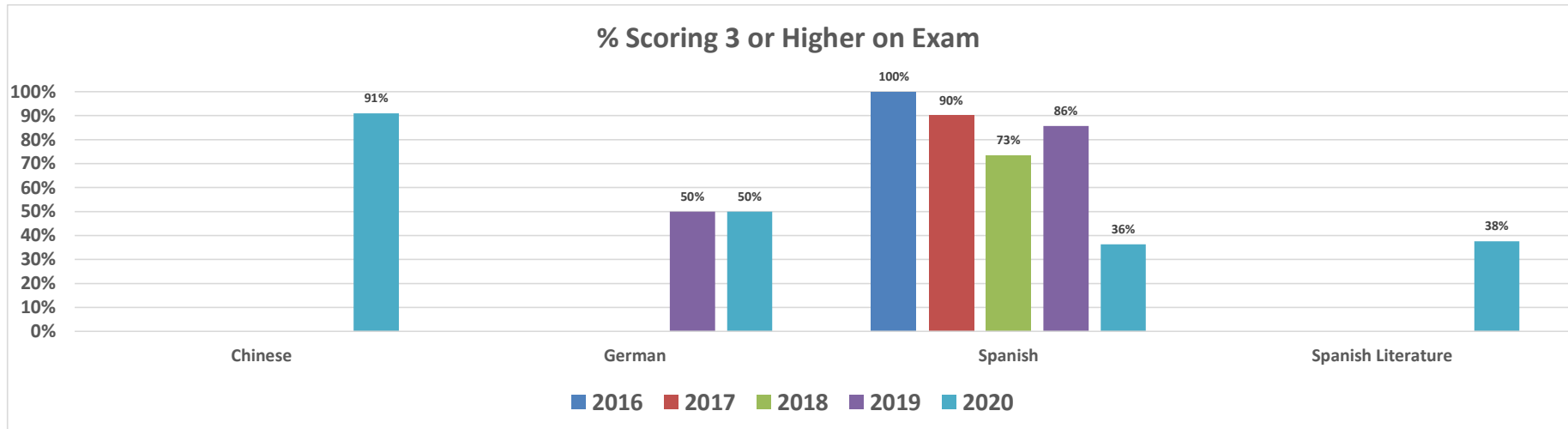
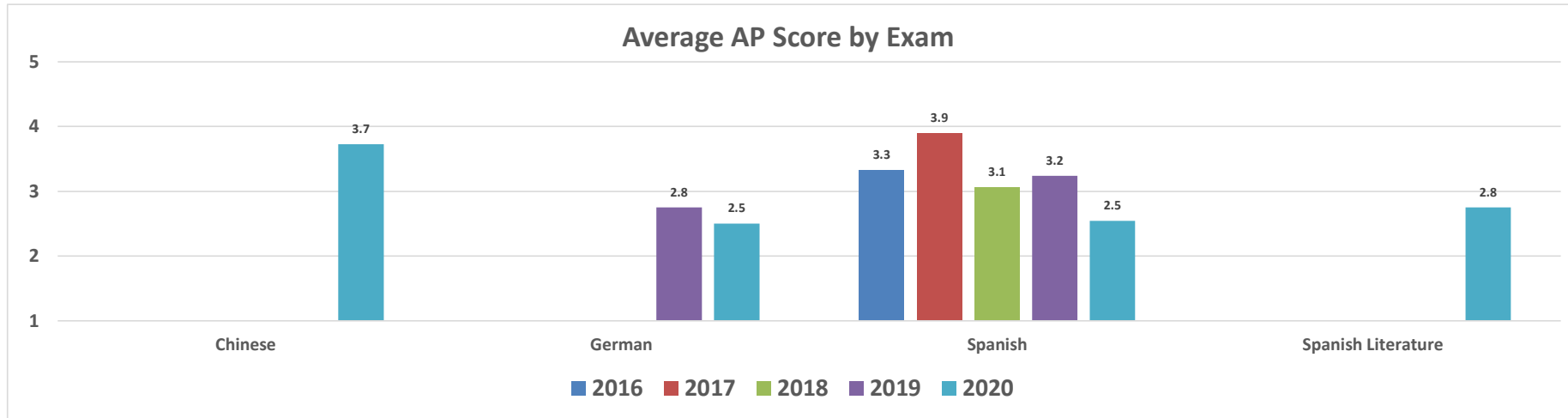
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|-------------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Biology | 4 | 9 | 13 | 10 | 12 | 4.00 | 2.78 | 3.31 | 3.40 | 3.58 | 100% | 67% | 77% | 80% | 100% |
| Chemistry | 4 | 8 | 6 | 9 | 6 | 2.75 | 3.50 | 4.00 | 2.44 | 3.00 | 75% | 75% | 100% | 44% | 67% |
| Env. Science | 4 | 3 | 16 | 3 | 16 | 3.50 | 2.67 | 2.63 | 3.33 | 2.75 | 100% | 33% | 50% | 67% | 50% |
| Physics 1 | 25 | 46 | 29 | 32 | 26 | 2.52 | 2.28 | 2.14 | 2.50 | 2.19 | 52% | 37% | 24% | 47% | 35% |
| Physics 2 | 0 | 0 | 3 | 5 | 3 | - | - | 3.00 | 3.00 | 2.67 | - | - | 100% | 60% | 67% |
| Physics C - E&M | 0 | 0 | 0 | 0 | 3 | - | - | - | - | 2.33 | - | - | - | - | 33% |
| Physics C - Mech. | 0 | 0 | 0 | 0 | 5 | - | - | - | - | 3.60 | - | - | - | - | 80% |

Analysis by Department - Social Studies



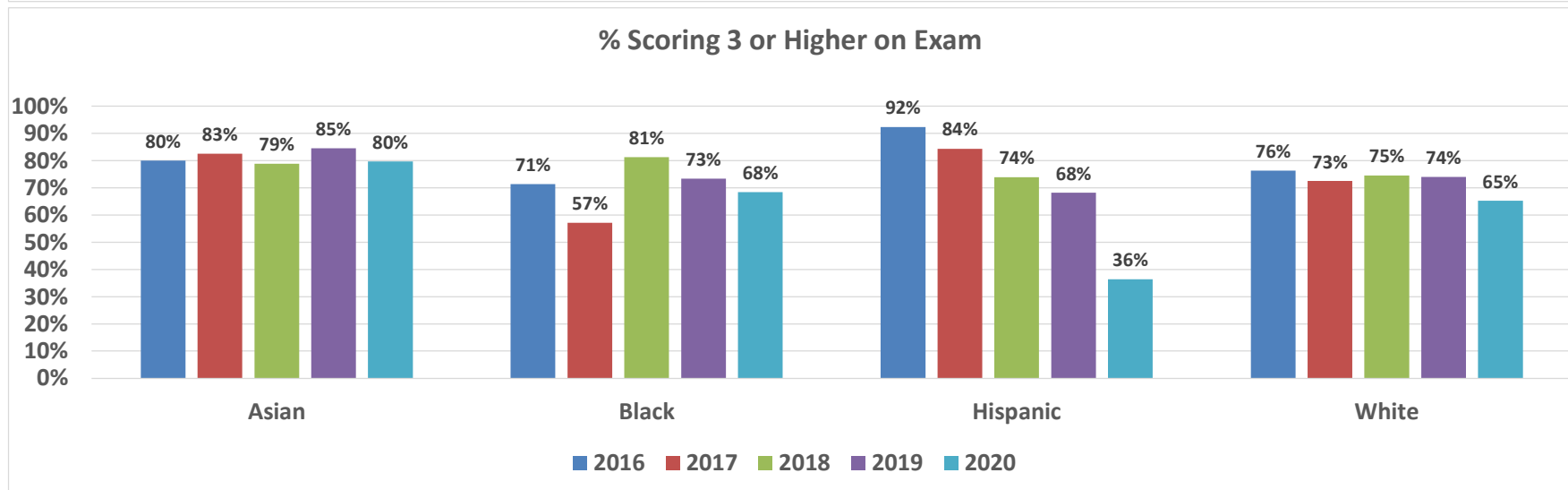
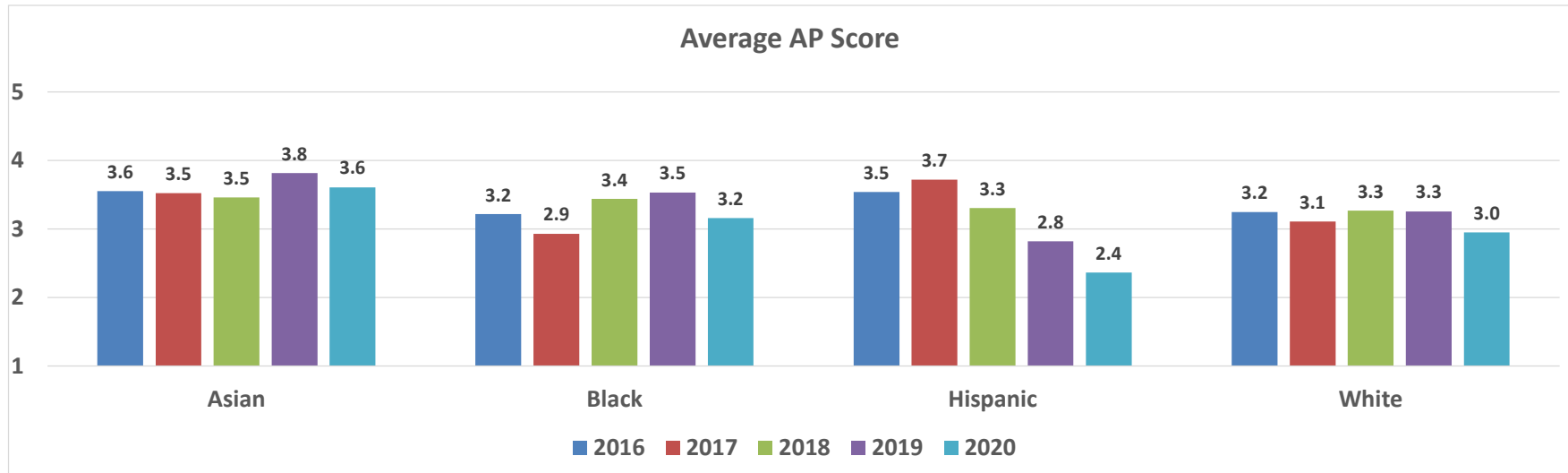
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|------------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| European History | 73 | 8 | 5 | 6 | 5 | 2.68 | 3.38 | 2.60 | 4.50 | 3.60 | 53% | 88% | 40% | 100% | 80% |
| US Government | 50 | 58 | 47 | 45 | 43 | 3.42 | 3.40 | 3.06 | 3.40 | 3.44 | 80% | 84% | 72% | 89% | 72% |
| Human Geography | 66 | 69 | 57 | 52 | 43 | 4.00 | 3.16 | 3.70 | 3.31 | 2.37 | 95% | 71% | 88% | 79% | 49% |
| Macroeconomics | 0 | 24 | 6 | 6 | 18 | - | 3.21 | 3.33 | 3.83 | 3.39 | - | 71% | 67% | 83% | 78% |
| Microeconomics | 0 | 22 | 8 | 5 | 16 | - | 3.59 | 3.25 | 4.00 | 3.13 | - | 86% | 75% | 80% | 75% |
| Psychology | 91 | 86 | 109 | 98 | 84 | 3.54 | 3.36 | 3.50 | 3.39 | 2.61 | 86% | 76% | 81% | 78% | 57% |
| US History | 40 | 97 | 21 | 44 | 73 | 2.68 | 3.03 | 2.62 | 2.93 | 2.81 | 58% | 67% | 38% | 57% | 59% |
| World History | 48 | 69 | 91 | 83 | 101 | 3.15 | 3.17 | 3.54 | 3.31 | 3.24 | 79% | 77% | 84% | 76% | 80% |

Analysis by Department - World Language



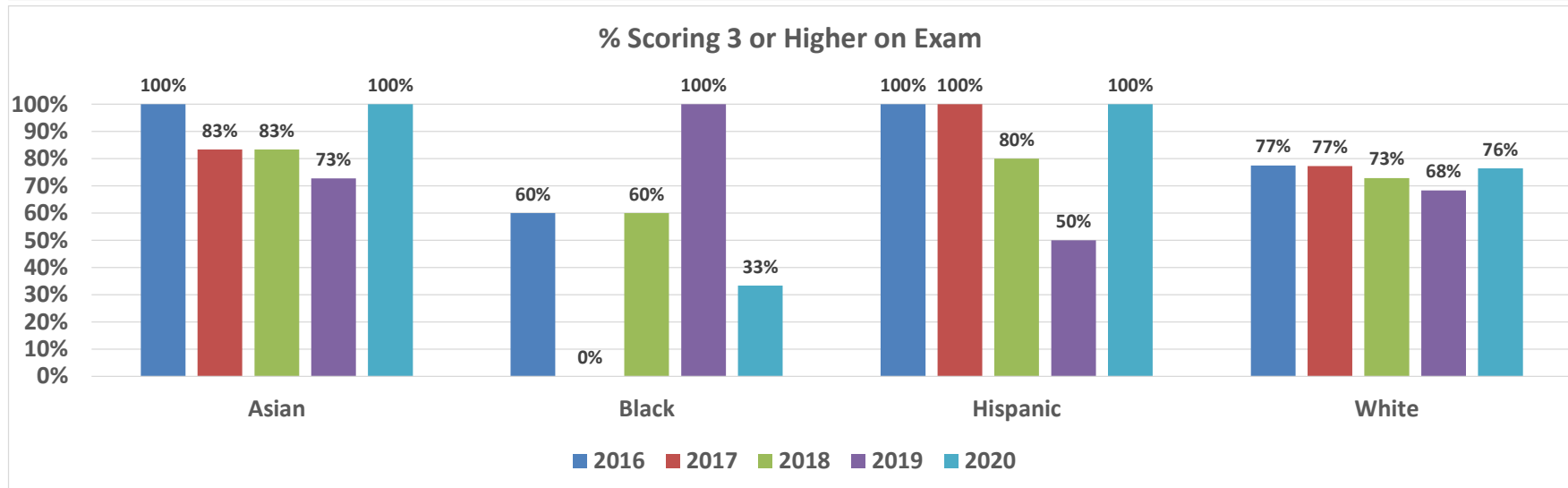
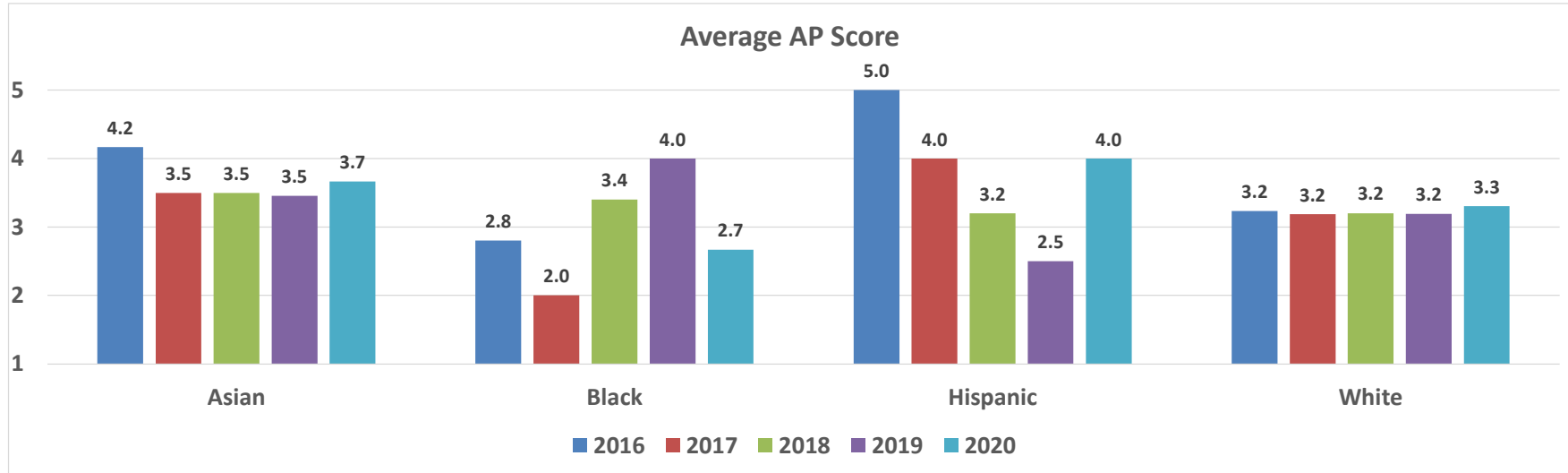
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------------------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Chinese | 0 | 0 | 0 | 0 | 11 | - | - | - | - | 3.73 | - | - | - | - | 91% |
| German | 0 | 0 | 0 | 4 | 2 | - | - | - | 2.75 | 2.50 | - | - | - | 50% | 50% |
| Spanish | 3 | 10 | 15 | 21 | 11 | 3.33 | 3.90 | 3.07 | 3.24 | 2.55 | 100% | 90% | 73% | 86% | 36% |
| Spanish Literature | 0 | 0 | 0 | 0 | 8 | - | - | - | - | 2.75 | - | - | - | - | 38% |

Analysis by Race - All Exams



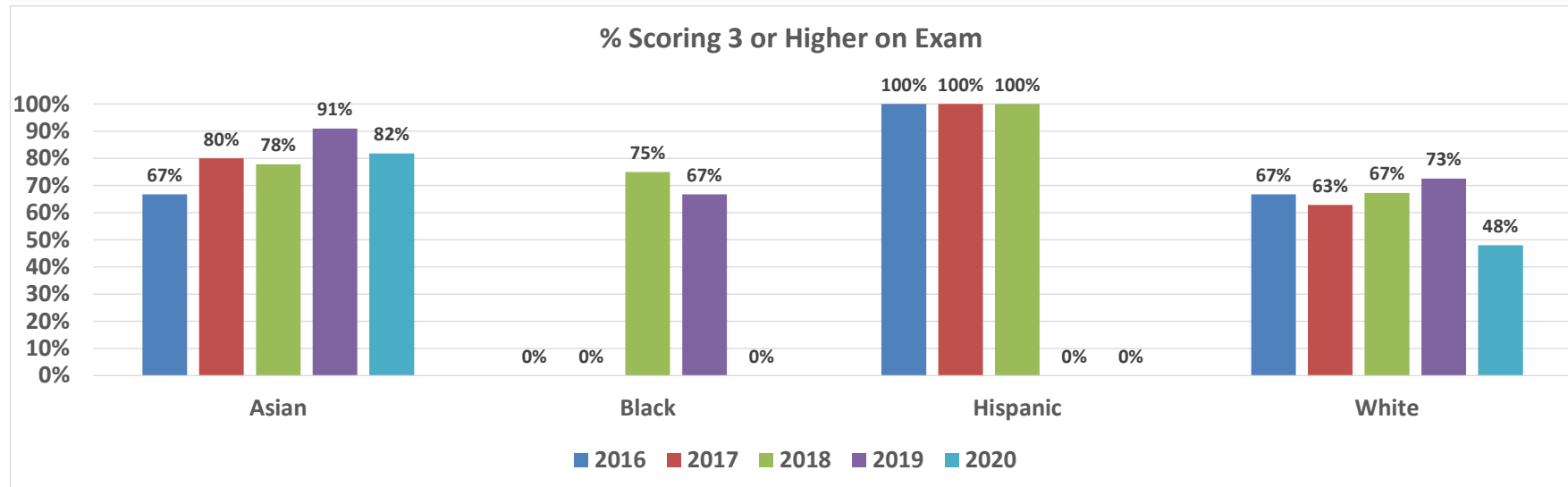
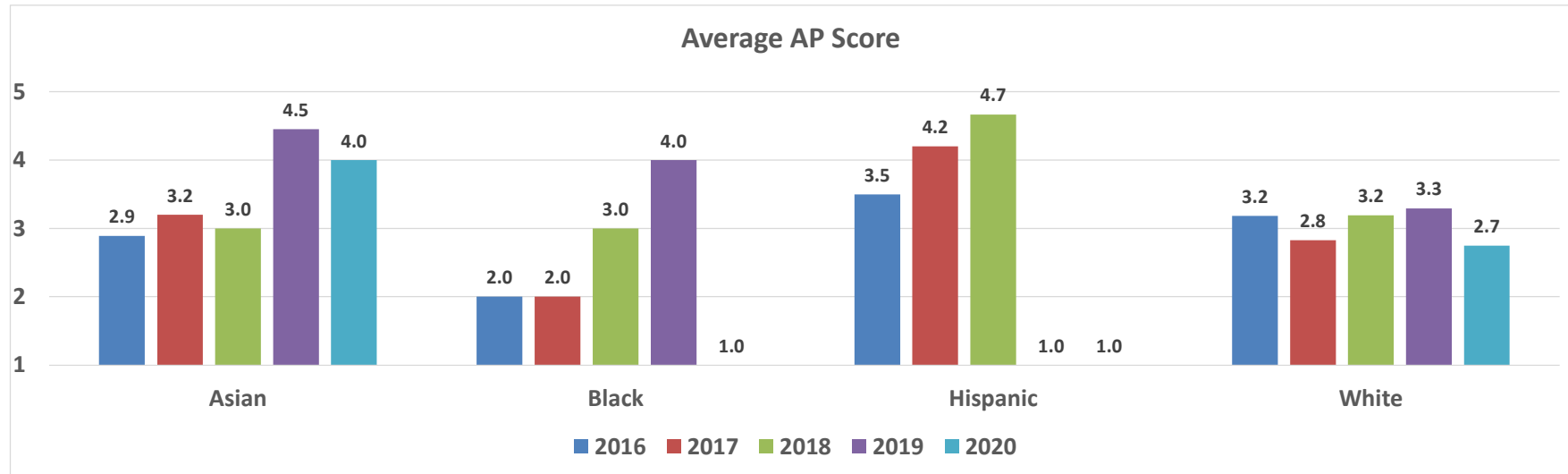
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 40 | 40 | 52 | 65 | 69 | 3.55 | 3.53 | 3.46 | 3.82 | 3.61 | 80% | 83% | 79% | 85% | 80% |
| Black | 14 | 14 | 16 | 15 | 19 | 3.21 | 2.93 | 3.44 | 3.53 | 3.16 | 71% | 57% | 81% | 73% | 68% |
| Hispanic | 13 | 32 | 23 | 22 | 11 | 3.54 | 3.72 | 3.30 | 2.82 | 2.36 | 92% | 84% | 74% | 68% | 36% |
| White | 538 | 582 | 472 | 512 | 606 | 3.24 | 3.11 | 3.27 | 3.26 | 2.95 | 76% | 73% | 75% | 74% | 65% |

Analysis by Race - English



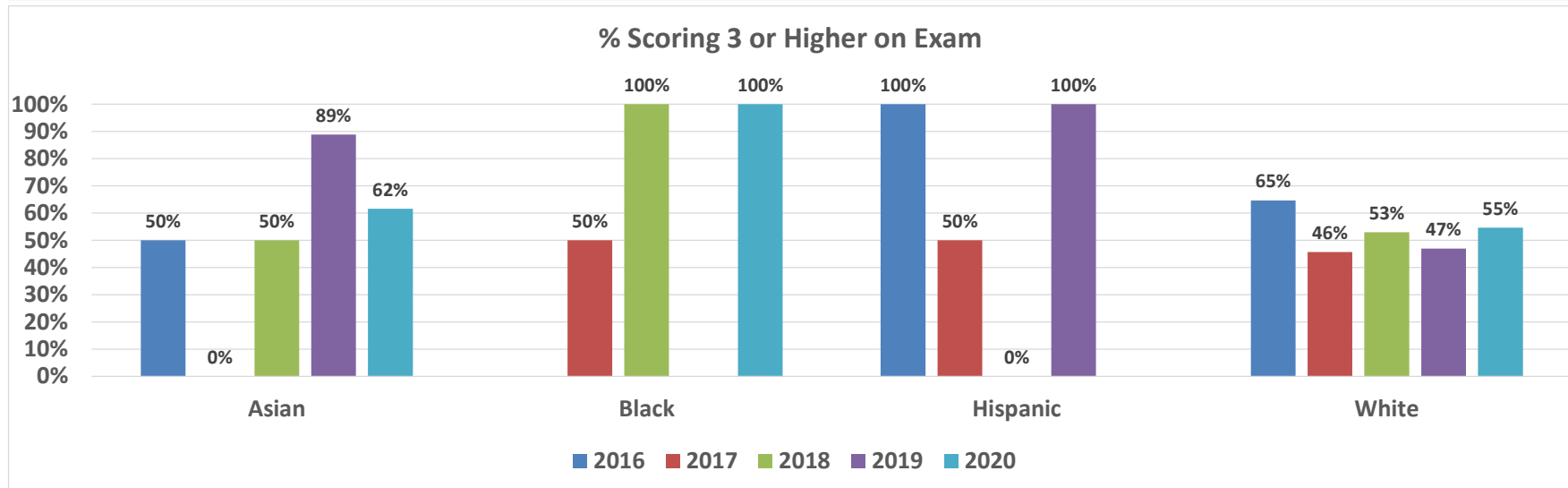
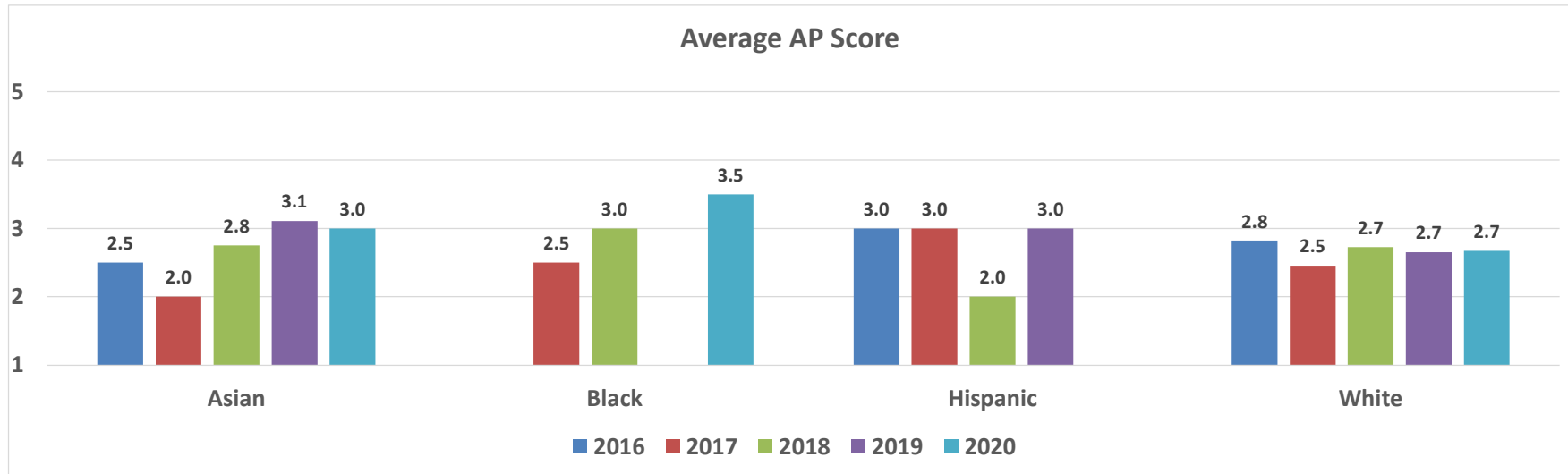
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 6 | 6 | 6 | 11 | 9 | 4.17 | 3.50 | 3.50 | 3.45 | 3.67 | 100% | 83% | 83% | 73% | 100% |
| Black | 5 | 1 | 5 | 2 | 3 | 2.80 | 2.00 | 3.40 | 4.00 | 2.67 | 60% | 0% | 60% | 100% | 33% |
| Hispanic | 1 | 3 | 5 | 2 | 1 | 5.00 | 4.00 | 3.20 | 2.50 | 4.00 | 100% | 100% | 80% | 50% | 100% |
| White | 111 | 75 | 59 | 79 | 89 | 3.23 | 3.19 | 3.20 | 3.19 | 3.30 | 77% | 77% | 73% | 68% | 76% |

Analysis by Race - Math



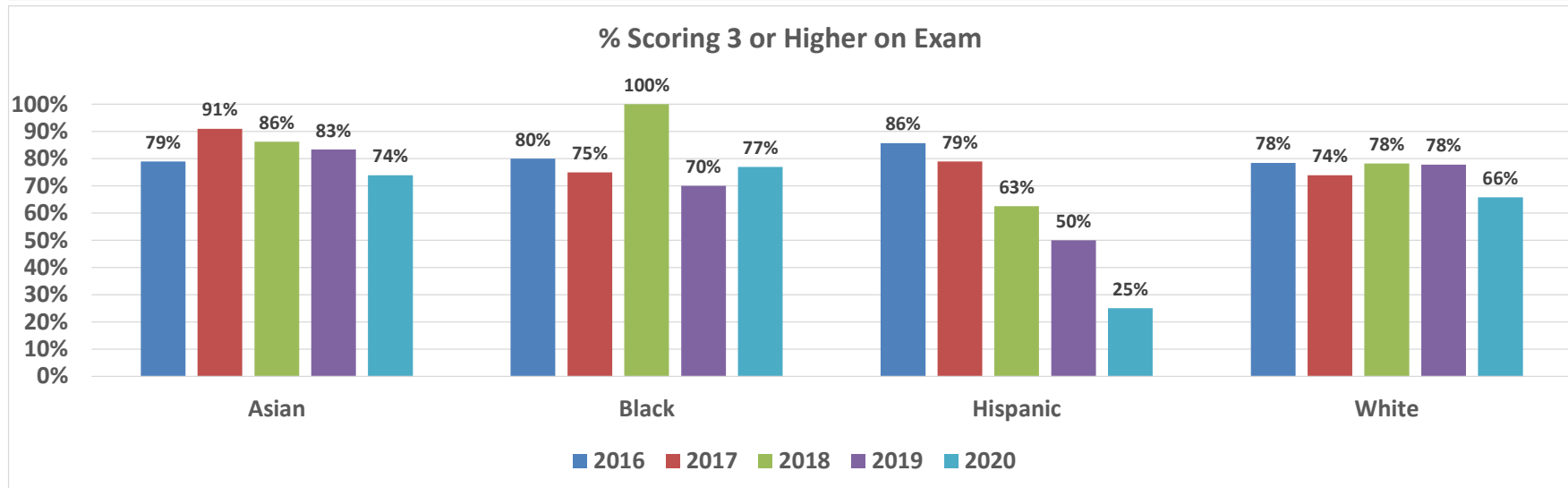
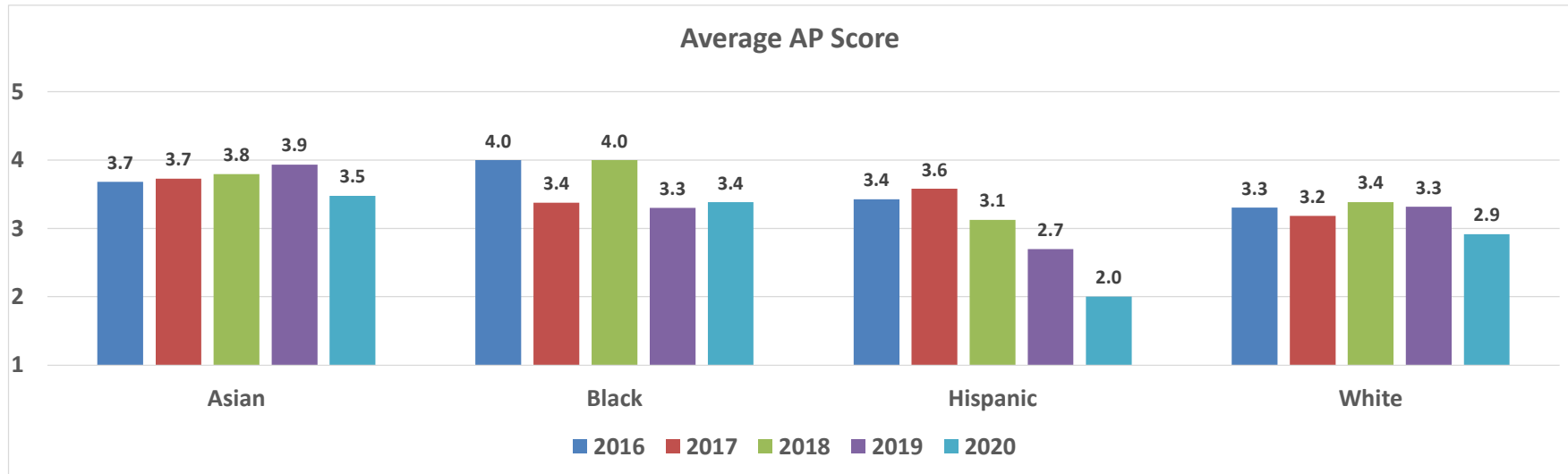
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 9 | 5 | 9 | 11 | 11 | 2.89 | 3.20 | 3.00 | 4.45 | 4.00 | 67% | 80% | 78% | 91% | 82% |
| Black | 1 | 2 | 4 | 3 | 1 | 2.00 | 2.00 | 3.00 | 4.00 | 1.00 | 0% | 0% | 75% | 67% | 0% |
| Hispanic | 2 | 5 | 3 | 1 | 1 | 3.50 | 4.20 | 4.67 | 1.00 | 1.00 | 100% | 100% | 100% | 0% | 0% |
| White | 81 | 70 | 52 | 51 | 75 | 3.19 | 2.83 | 3.19 | 3.29 | 2.75 | 67% | 63% | 67% | 73% | 48% |

Analysis by Race - Science



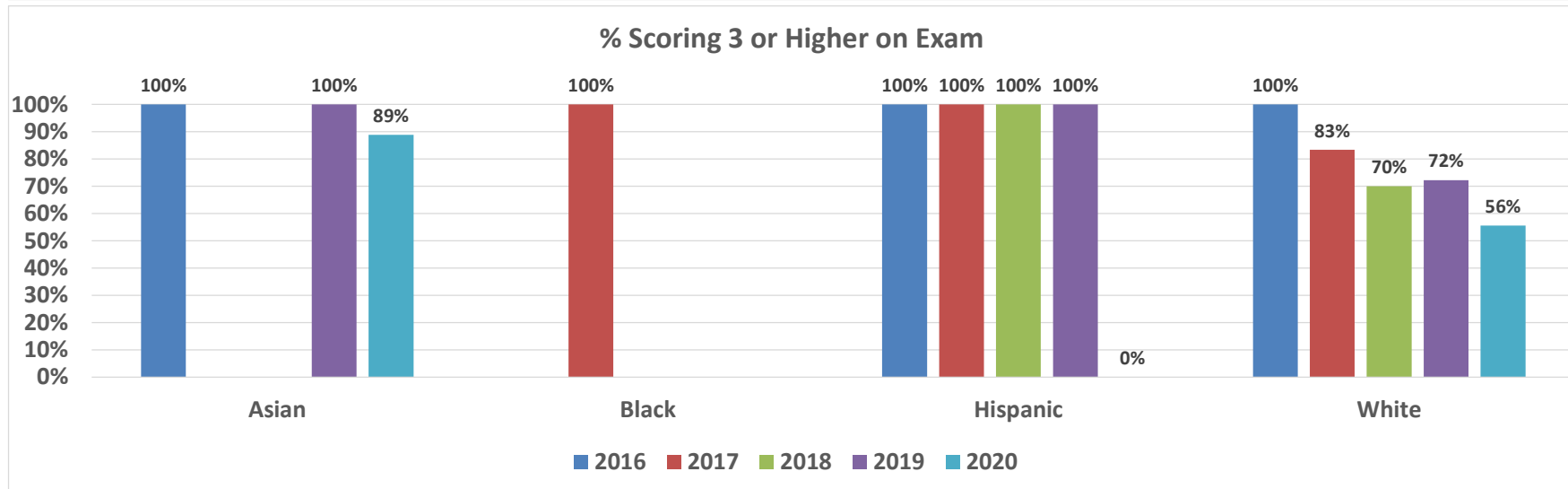
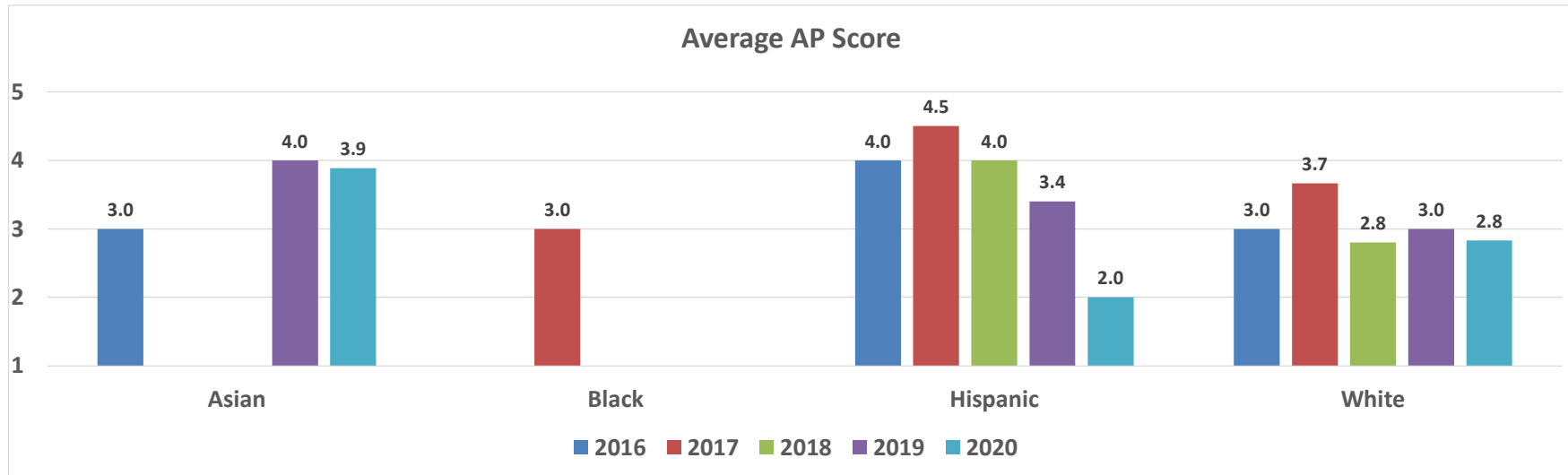
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 2 | 3 | 8 | 9 | 13 | 2.50 | 2.00 | 2.75 | 3.11 | 3.00 | 50% | 0% | 50% | 89% | 62% |
| Black | 0 | 2 | 1 | 0 | 2 | - | 2.50 | 3.00 | - | 3.50 | - | 50% | 100% | - | 100% |
| Hispanic | 1 | 2 | 1 | 1 | 0 | 3.00 | 3.00 | 2.00 | 3.00 | - | 100% | 50% | 0% | 100% | - |
| White | 34 | 46 | 51 | 49 | 55 | 2.82 | 2.46 | 2.73 | 2.65 | 2.67 | 65% | 46% | 53% | 47% | 55% |

Analysis by Race - Social Studies



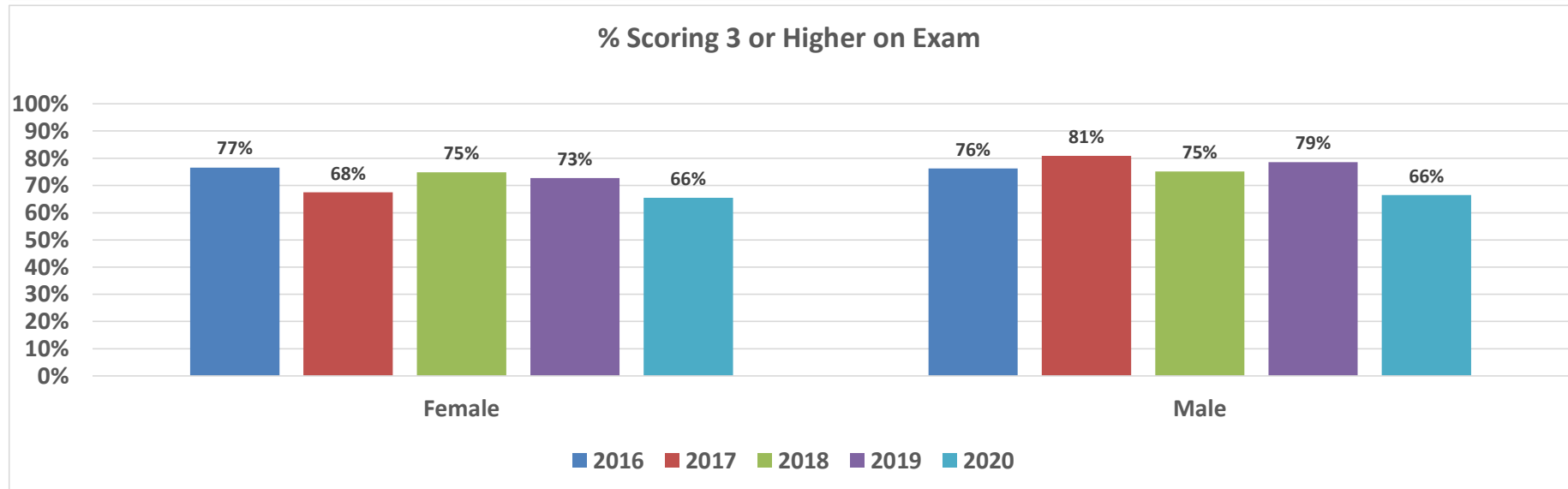
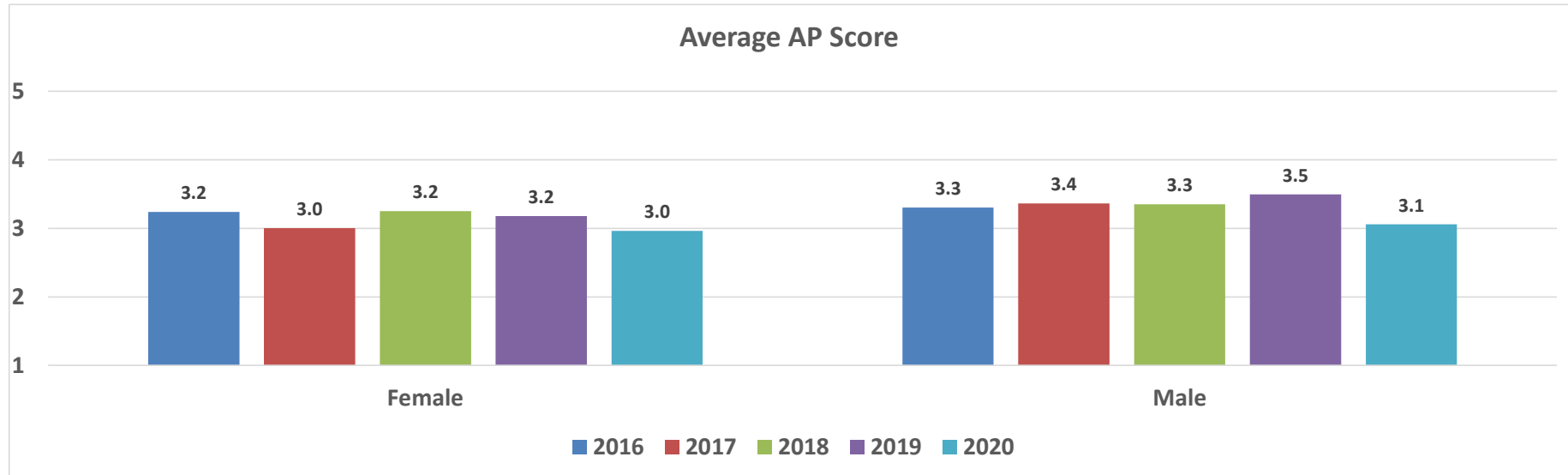
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 19 | 22 | 29 | 30 | 23 | 3.68 | 3.73 | 3.79 | 3.93 | 3.48 | 79% | 91% | 86% | 83% | 74% |
| Black | 5 | 8 | 5 | 10 | 13 | 4.00 | 3.38 | 4.00 | 3.30 | 3.38 | 80% | 75% | 100% | 70% | 77% |
| Hispanic | 7 | 19 | 8 | 10 | 4 | 3.43 | 3.58 | 3.13 | 2.70 | 2.00 | 86% | 79% | 63% | 50% | 25% |
| White | 283 | 334 | 271 | 284 | 333 | 3.30 | 3.19 | 3.39 | 3.32 | 2.92 | 78% | 74% | 78% | 78% | 66% |

Analysis by Race - World Language



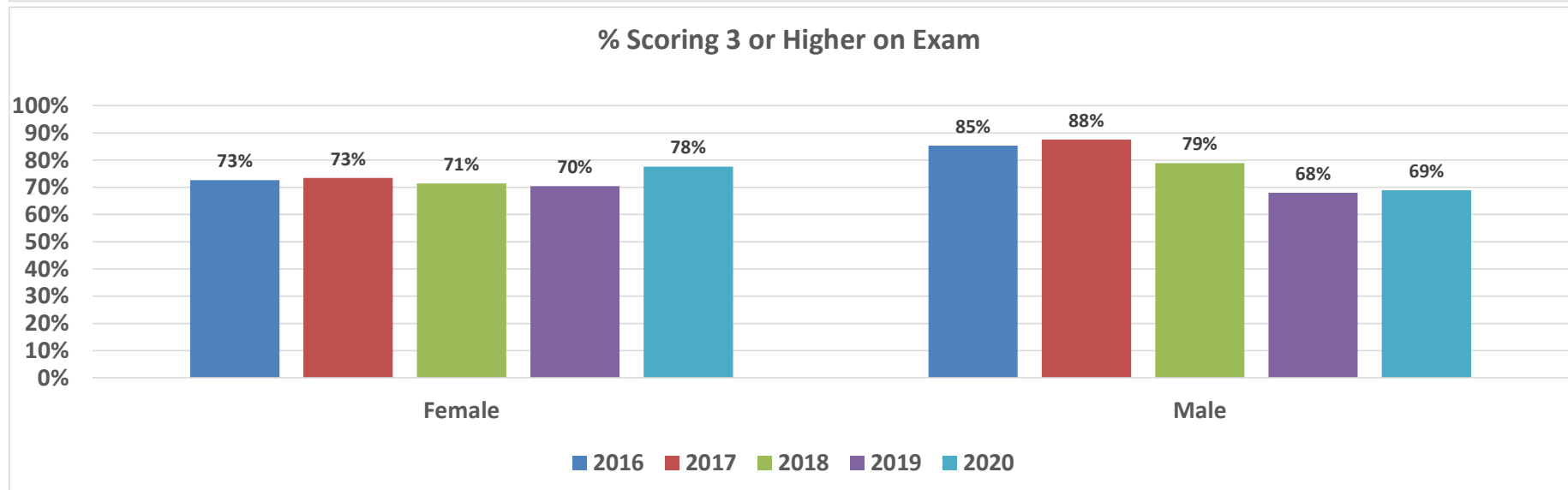
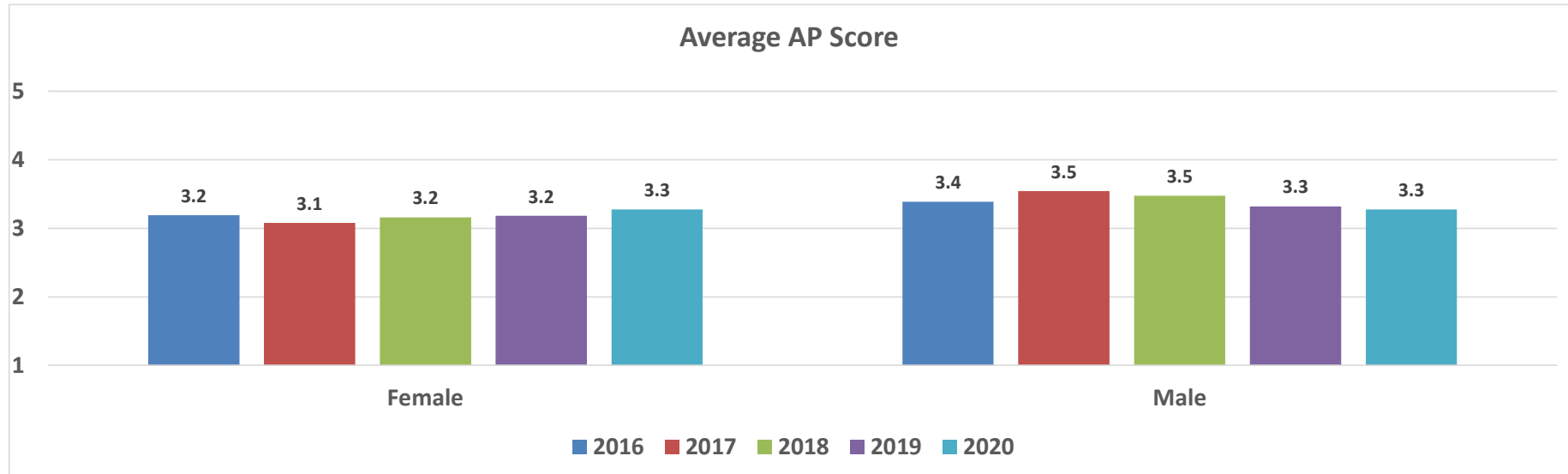
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|----------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Asian | 1 | 0 | 0 | 2 | 9 | 3.00 | - | - | 4.00 | 3.89 | 100% | - | - | 100% | 89% |
| Black | 0 | 1 | 0 | 0 | 0 | - | 3.00 | - | - | - | - | 100% | - | - | - |
| Hispanic | 1 | 2 | 3 | 5 | 3 | 4.00 | 4.50 | 4.00 | 3.40 | 2.00 | 100% | 100% | 100% | 100% | 0% |
| White | 1 | 6 | 10 | 18 | 18 | 3.00 | 3.67 | 2.80 | 3.00 | 2.83 | 100% | 83% | 70% | 72% | 56% |

Analysis by Gender - All Exams



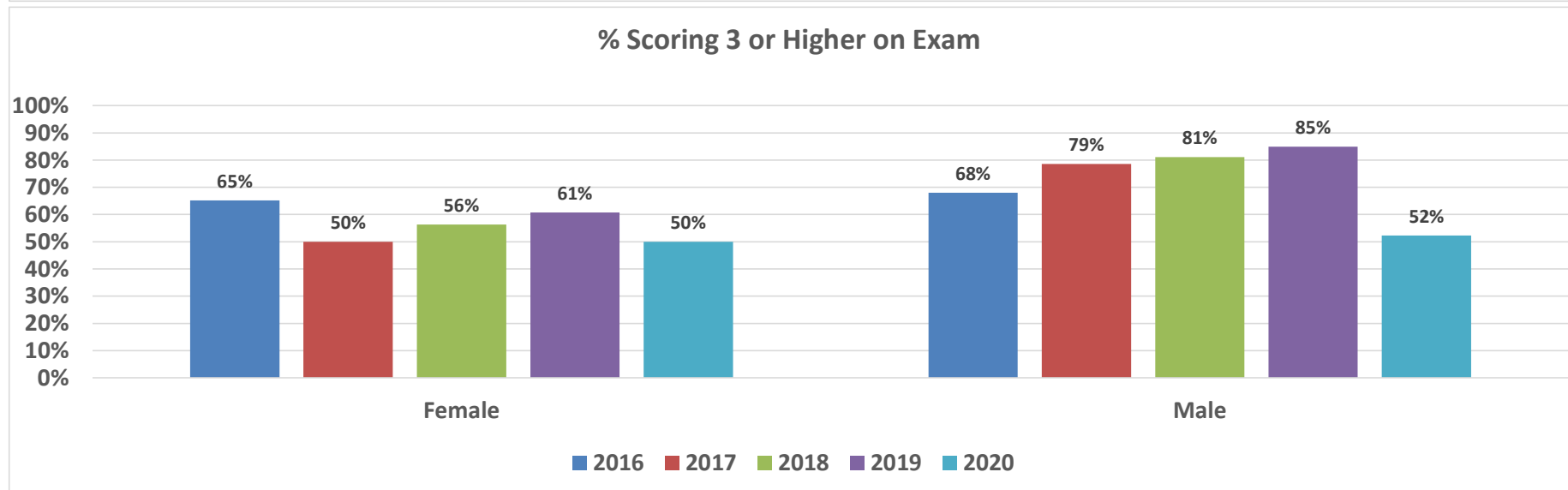
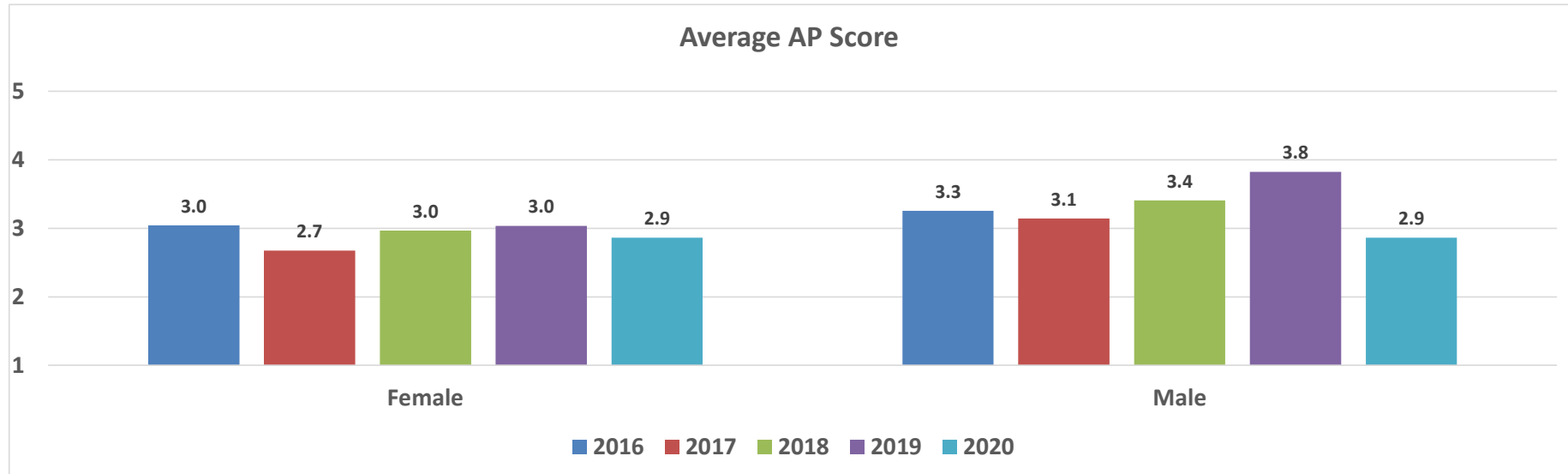
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 368 | 397 | 338 | 385 | 429 | 3.24 | 3.00 | 3.25 | 3.18 | 2.96 | 77% | 68% | 75% | 73% | 66% |
| Male | 248 | 288 | 241 | 238 | 292 | 3.30 | 3.36 | 3.35 | 3.50 | 3.06 | 76% | 81% | 75% | 79% | 66% |

Analysis by Gender - English



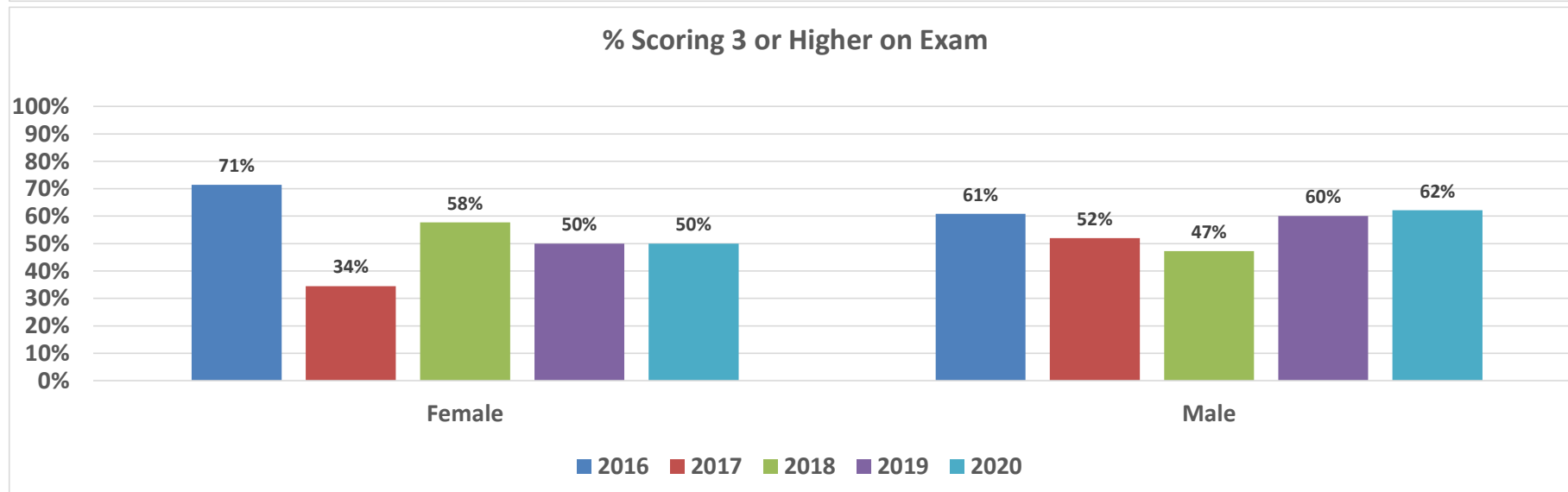
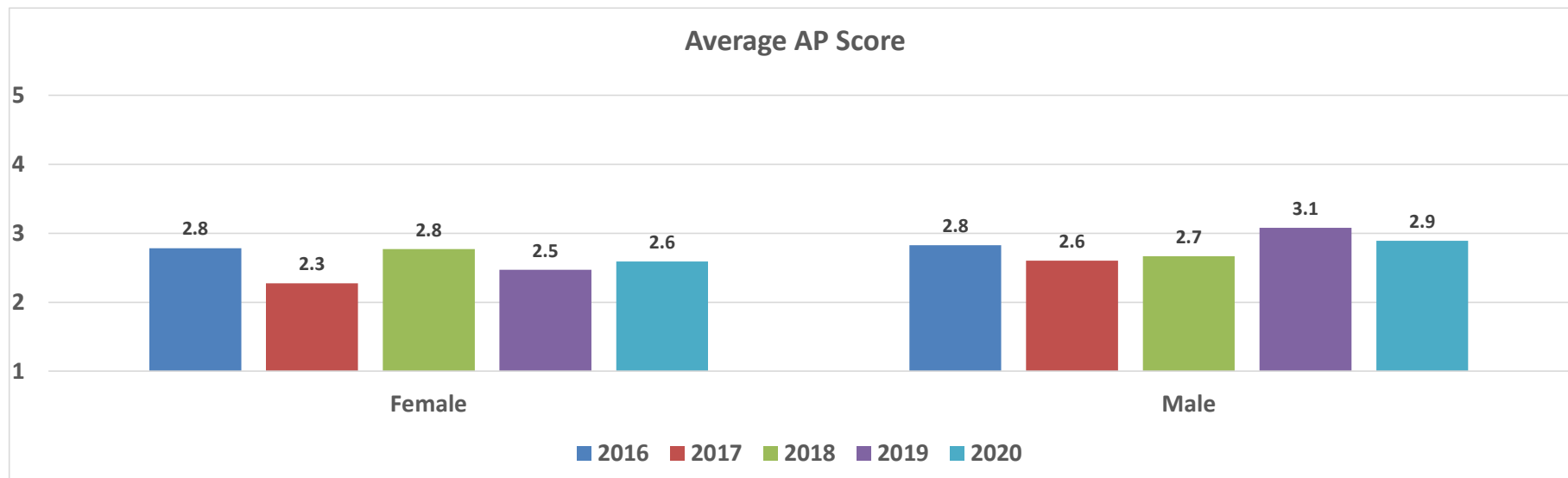
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 84 | 64 | 56 | 71 | 76 | 3.19 | 3.08 | 3.16 | 3.18 | 3.28 | 73% | 73% | 71% | 70% | 78% |
| Male | 41 | 24 | 19 | 25 | 29 | 3.39 | 3.54 | 3.47 | 3.32 | 3.28 | 85% | 88% | 79% | 68% | 69% |

Analysis by Gender - Math



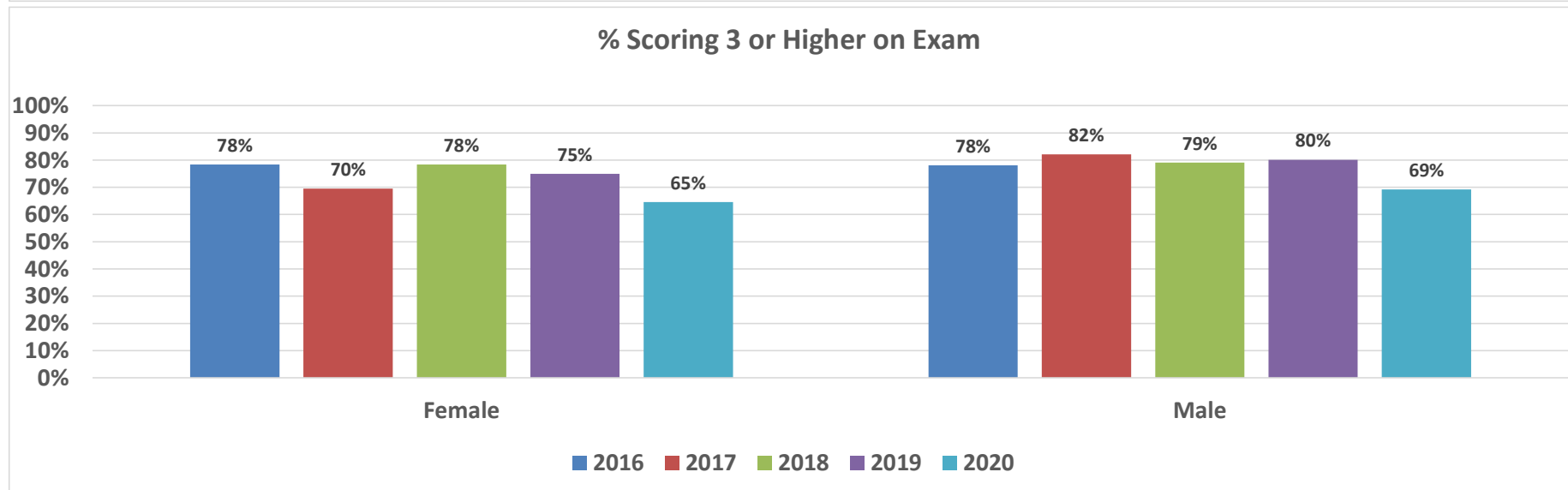
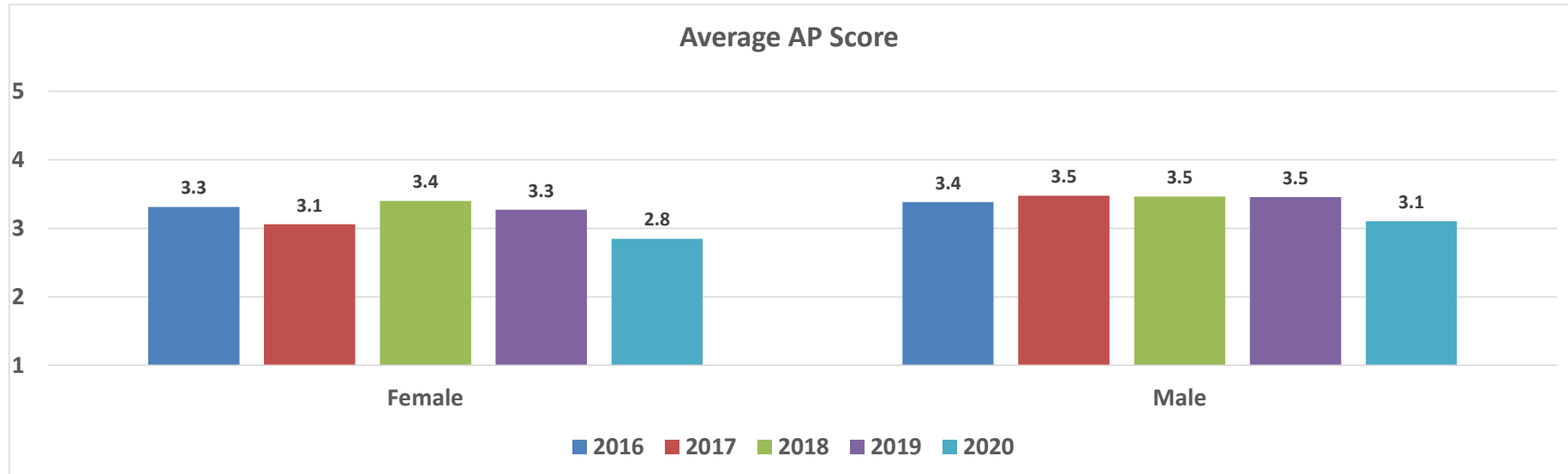
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 46 | 40 | 32 | 28 | 44 | 3.04 | 2.68 | 2.97 | 3.04 | 2.86 | 65% | 50% | 56% | 61% | 50% |
| Male | 47 | 42 | 37 | 40 | 44 | 3.26 | 3.14 | 3.41 | 3.83 | 2.86 | 68% | 79% | 81% | 85% | 52% |

Analysis by Gender - Science



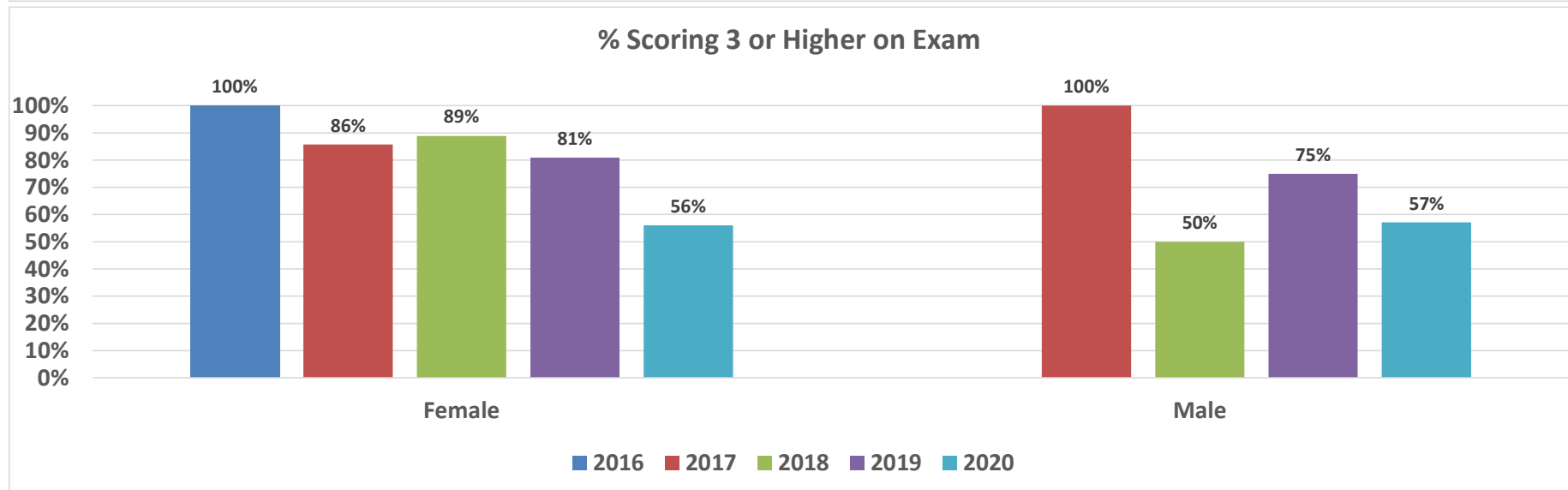
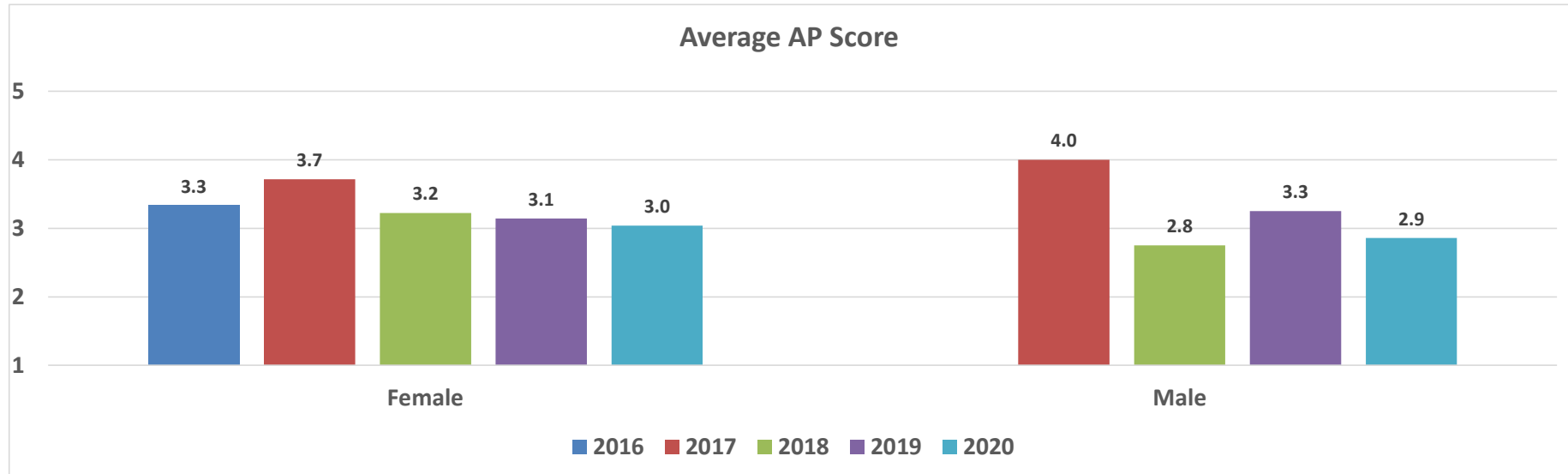
| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 14 | 29 | 26 | 34 | 34 | 2.79 | 2.28 | 2.77 | 2.47 | 2.59 | 71% | 34% | 58% | 50% | 50% |
| Male | 23 | 25 | 36 | 25 | 37 | 2.83 | 2.60 | 2.67 | 3.08 | 2.89 | 61% | 52% | 47% | 60% | 62% |

Analysis by Gender - Social Studies



| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 199 | 223 | 189 | 207 | 223 | 3.31 | 3.06 | 3.40 | 3.27 | 2.85 | 78% | 70% | 78% | 75% | 65% |
| Male | 123 | 173 | 134 | 131 | 159 | 3.38 | 3.47 | 3.46 | 3.46 | 3.10 | 78% | 82% | 79% | 80% | 69% |

Analysis by Gender - World Language



| | Number of Results | | | | | Average AP Exam Score | | | | | % Scoring 3 or Higher | | | | |
|--------|-------------------|------|------|------|------|-----------------------|------|------|------|------|-----------------------|------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Female | 3 | 7 | 9 | 21 | 25 | 3.33 | 3.71 | 3.22 | 3.14 | 3.04 | 100% | 86% | 89% | 81% | 56% |
| Male | 0 | 2 | 4 | 4 | 7 | - | 4.00 | 2.75 | 3.25 | 2.86 | - | 100% | 50% | 75% | 57% |

Section 6

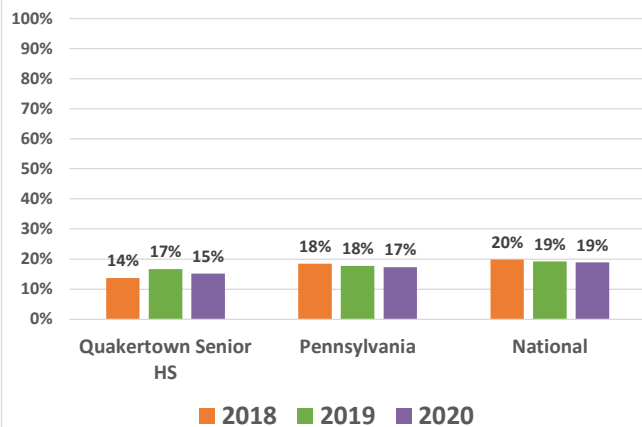
Comparison to State and National

Exam Enrollment by Course

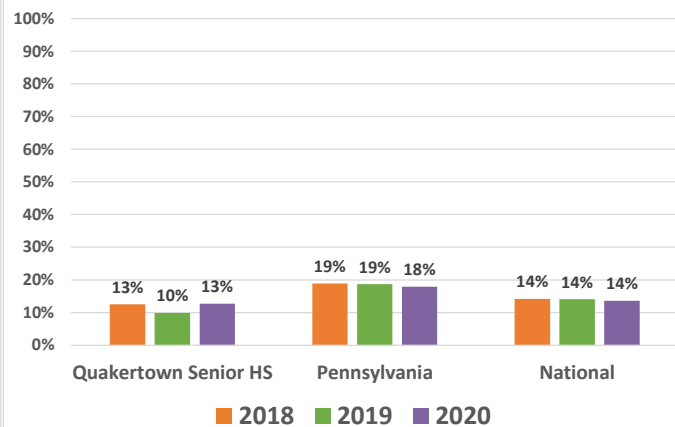
| | | Number of AP Exams | | | | | | | | | Percent of Total AP Exams | | | | | | | | |
|-----------------------|---------------------|----------------------|------|------|--------------|---------|---------|-----------|-----------|-----------|---------------------------|------|------|--------------|------|------|----------|------|------|
| | | Quakertown Senior HS | | | Pennsylvania | | | National | | | Quakertown Senior HS | | | Pennsylvania | | | National | | |
| Department | AP Exam | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 |
| English | English Language | 58 | 62 | 67 | 14,135 | 14,175 | 13,585 | 571,009 | 563,798 | 526,090 | 10% | 11% | 10% | 10% | 10% | 10% | 12% | 12% | 12% |
| English | English Literature | 23 | 35 | 38 | 11,445 | 10,290 | 9,089 | 396,350 | 372,805 | 327,302 | 4% | 6% | 6% | 8% | 7% | 7% | 8% | 8% | 7% |
| English | Total | 81 | 97 | 105 | 25,580 | 24,465 | 22,674 | 967,359 | 936,603 | 853,392 | 14% | 17% | 15% | 18% | 18% | 17% | 20% | 19% | 19% |
| Math | Comp Sci A | 9 | 0 | 6 | 2,150 | 2,251 | 2,362 | 60,040 | 64,197 | 65,000 | 2% | 0% | 1% | 2% | 2% | 2% | 1% | 1% | 1% |
| Math | Calculus AB | 29 | 23 | 51 | 11,322 | 10,549 | 9,874 | 293,777 | 285,923 | 254,041 | 5% | 4% | 7% | 8% | 8% | 8% | 6% | 6% | 6% |
| Math | Calculus BC | 7 | 11 | 8 | 4,521 | 4,577 | 4,036 | 125,245 | 125,267 | 115,347 | 1% | 2% | 1% | 3% | 3% | 3% | 3% | 3% | 3% |
| Math | Statistics | 29 | 23 | 23 | 8,162 | 8,267 | 7,166 | 212,626 | 209,569 | 178,886 | 5% | 4% | 3% | 6% | 6% | 5% | 4% | 4% | 4% |
| Math | Total | 74 | 57 | 88 | 26,155 | 25,644 | 23,438 | 691,688 | 684,956 | 613,274 | 13% | 10% | 13% | 19% | 19% | 18% | 14% | 14% | 14% |
| Science | Biology | 13 | 10 | 12 | 8,503 | 8,703 | 8,126 | 252,237 | 253,212 | 226,409 | 2% | 2% | 2% | 6% | 6% | 6% | 5% | 5% | 5% |
| Science | Chemistry | 6 | 9 | 6 | 6,055 | 5,803 | 5,398 | 152,145 | 149,123 | 136,587 | 1% | 2% | 1% | 4% | 4% | 4% | 3% | 3% | 3% |
| Science | Env. Science | 16 | 3 | 16 | 3,555 | 3,458 | 3,581 | 164,022 | 169,690 | 159,752 | 3% | 1% | 2% | 3% | 3% | 3% | 3% | 3% | 4% |
| Science | Physics 1 | 29 | 32 | 26 | 4,789 | 4,498 | 4,266 | 162,349 | 153,222 | 141,734 | 5% | 6% | 4% | 3% | 3% | 3% | 3% | 3% | 3% |
| Science | Physics 2 | 3 | 5 | 3 | 868 | 768 | 617 | 22,740 | 20,851 | 19,320 | 1% | 1% | 0% | 1% | 1% | 0% | 0% | 0% | 0% |
| Science | Physics C - E&M | 0 | 0 | 3 | 1,029 | 1,072 | 957 | 21,576 | 22,033 | 20,625 | 0% | 0% | 0% | 1% | 1% | 1% | 0% | 0% | 0% |
| Science | Physics C - Mech. | 0 | 0 | 5 | 2,620 | 2,718 | 2,274 | 51,086 | 50,831 | 46,424 | 0% | 0% | 1% | 2% | 2% | 2% | 1% | 1% | 1% |
| Science | Total | 67 | 59 | 71 | 27,419 | 27,020 | 25,219 | 826,155 | 818,962 | 750,851 | 11% | 10% | 10% | 20% | 20% | 19% | 17% | 17% | 17% |
| Social Studies | European History | 5 | 6 | 5 | 3,627 | 3,631 | 3,555 | 100,231 | 99,197 | 92,801 | 1% | 1% | 1% | 3% | 3% | 3% | 2% | 2% | 2% |
| Social Studies | US Government | 47 | 45 | 43 | 9,398 | 8,629 | 8,668 | 325,190 | 313,872 | 292,128 | 8% | 8% | 6% | 7% | 6% | 7% | 7% | 6% | 6% |
| Social Studies | Human Geography | 57 | 52 | 43 | 2,652 | 2,938 | 2,855 | 213,068 | 221,304 | 214,001 | 10% | 9% | 6% | 2% | 2% | 2% | 4% | 5% | 5% |
| Social Studies | Macroeconomics | 6 | 6 | 18 | 3,158 | 3,102 | 2,767 | 135,056 | 134,952 | 112,980 | 1% | 1% | 3% | 2% | 2% | 2% | 3% | 3% | 2% |
| Social Studies | Microeconomics | 8 | 5 | 16 | 2,900 | 2,862 | 2,422 | 76,382 | 77,525 | 69,651 | 1% | 1% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |
| Social Studies | Psychology | 109 | 98 | 84 | 10,712 | 10,290 | 10,323 | 301,826 | 300,542 | 285,244 | 18% | 17% | 12% | 8% | 7% | 8% | 6% | 6% | 6% |
| Social Studies | US History | 21 | 44 | 73 | 12,366 | 12,809 | 12,209 | 497,290 | 492,450 | 469,062 | 4% | 8% | 11% | 9% | 9% | 9% | 10% | 10% | 10% |
| Social Studies | World History | 91 | 83 | 101 | 4,886 | 5,278 | 5,222 | 299,194 | 309,118 | 299,228 | 15% | 14% | 15% | 4% | 4% | 4% | 6% | 6% | 7% |
| Social Studies | Total | 344 | 339 | 383 | 50,616 | 50,383 | 48,794 | 1,971,678 | 1,971,026 | 1,855,473 | 58% | 58% | 56% | 37% | 37% | 37% | 40% | 40% | 41% |
| World Language | Chinese | 0 | 0 | 11 | 202 | 233 | 209 | 11,802 | 12,153 | 12,815 | 0% | 0% | 2% | 0% | 0% | 0% | 0% | 0% | 0% |
| World Language | German | 0 | 4 | 2 | 417 | 440 | 414 | 4,666 | 4,800 | 4,576 | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| World Language | Spanish | 15 | 21 | 11 | 2,785 | 2,566 | 2,473 | 178,297 | 185,181 | 166,938 | 3% | 4% | 2% | 2% | 2% | 2% | 4% | 4% | 4% |
| World Language | Spanish Literature | 0 | 0 | 8 | 81 | 102 | 97 | 26,465 | 28,353 | 23,391 | 0% | 0% | 1% | 0% | 0% | 0% | 1% | 1% | 1% |
| World Language | Total | 15 | 25 | 32 | 4,512 | 4,450 | 4,152 | 253,322 | 262,512 | 238,034 | 3% | 4% | 5% | 3% | 3% | 3% | 5% | 5% | 5% |
| Other | Comp Sci Principles | 1 | 0 | 3 | 1,860 | 3,050 | 3,849 | 70,864 | 94,360 | 114,188 | 0% | 0% | 0% | 1% | 2% | 3% | 1% | 2% | 3% |
| Other | Art History | 4 | 1 | 2 | 516 | 466 | 518 | 24,258 | 23,782 | 22,847 | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% |
| Other | Music Theory | 5 | 3 | 6 | 722 | 735 | 681 | 18,654 | 18,493 | 16,233 | 1% | 1% | 1% | 1% | 1% | 1% | 0% | 0% | 0% |
| All AP Exams Combined | | 591 | 581 | 690 | 138,637 | 137,625 | 130,683 | 4,884,559 | 4,873,678 | 4,523,918 | | | | | | | | | |

Percent of Total AP Exams

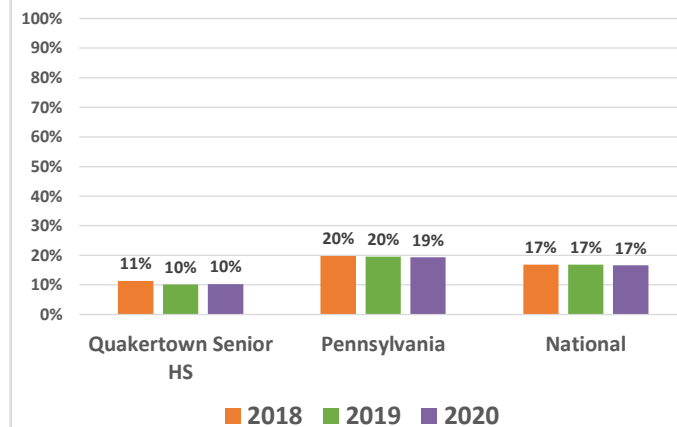
English



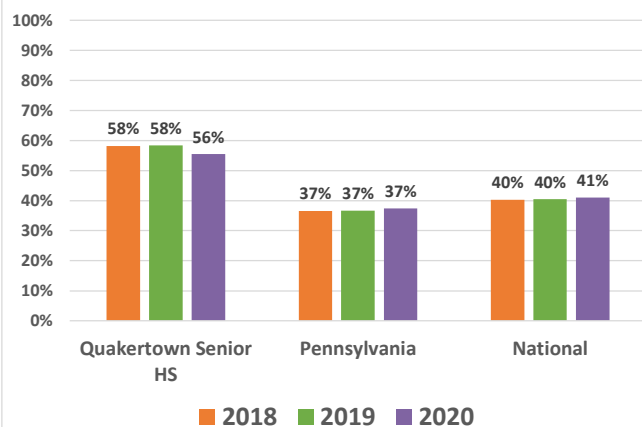
Math



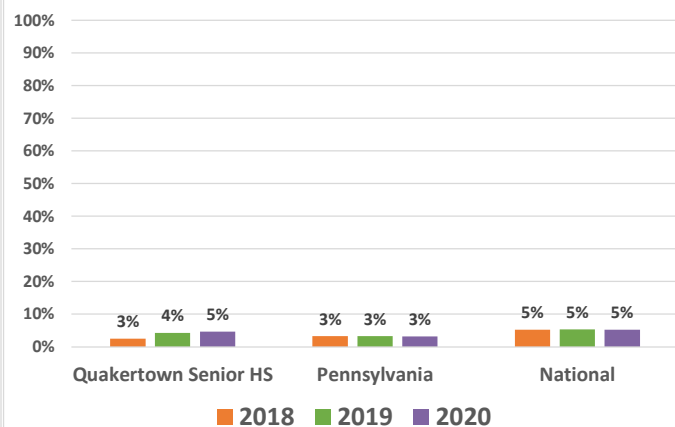
Science



Social Studies



World Language



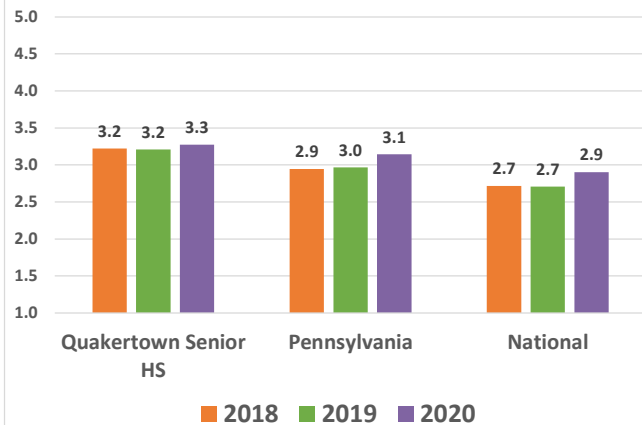
AP Exam Comparison

| | | Average AP Exam Score | | | | | | | | | Difference | | | | | |
|-----------------------|---------------------|-----------------------|------|------|--------------|------|------|----------|------|------|------------------|-------|-------|--------------|-------|-------|
| | | Quakertown Senior HS | | | Pennsylvania | | | National | | | vs. Pennsylvania | | | vs. National | | |
| Department | AP Exam | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 |
| English | English Language | 3.33 | 3.10 | 3.37 | 3.11 | 3.07 | 3.23 | 2.82 | 2.77 | 2.95 | 0.22 | 0.03 | 0.14 | 0.51 | 0.33 | 0.42 |
| English | English Literature | 2.96 | 3.40 | 3.11 | 2.74 | 2.82 | 3.01 | 2.56 | 2.61 | 2.83 | 0.22 | 0.58 | 0.10 | 0.40 | 0.79 | 0.28 |
| English | Total | 3.22 | 3.21 | 3.28 | 2.94 | 2.96 | 3.14 | 2.71 | 2.71 | 2.90 | 0.28 | 0.24 | 0.13 | 0.51 | 0.50 | 0.37 |
| Math | Comp Sci A | 3.11 | | 2.50 | 3.24 | 3.31 | 3.28 | 3.17 | 3.25 | 3.24 | -0.13 | | -0.78 | -0.06 | | -0.74 |
| Math | Calculus AB | 2.62 | 2.87 | 2.84 | 3.13 | 3.16 | 3.19 | 2.91 | 2.95 | 3.05 | -0.51 | -0.29 | -0.35 | -0.29 | -0.08 | -0.21 |
| Math | Calculus BC | 4.00 | 4.64 | 4.38 | 3.92 | 3.92 | 3.93 | 3.74 | 3.80 | 3.83 | 0.08 | 0.72 | 0.45 | 0.26 | 0.84 | 0.55 |
| Math | Statistics | 3.24 | 2.96 | 2.48 | 3.16 | 3.09 | 3.18 | 2.85 | 2.84 | 2.93 | 0.08 | -0.13 | -0.70 | 0.39 | 0.12 | -0.45 |
| Math | Total | 3.05 | 3.25 | 2.86 | 3.28 | 3.29 | 3.32 | 3.06 | 3.10 | 3.18 | -0.23 | -0.04 | -0.46 | -0.01 | 0.15 | -0.32 |
| Science | Biology | 3.31 | 3.40 | 3.58 | 3.08 | 3.10 | 3.16 | 2.86 | 2.91 | 3.03 | 0.23 | 0.30 | 0.42 | 0.45 | 0.49 | 0.55 |
| Science | Chemistry | 4.00 | 2.44 | 3.00 | 2.87 | 2.84 | 2.89 | 2.75 | 2.70 | 2.72 | 1.13 | -0.40 | 0.11 | 1.25 | -0.26 | 0.28 |
| Science | Env. Science | 2.63 | 3.33 | 2.75 | 2.95 | 3.03 | 3.16 | 2.62 | 2.68 | 2.84 | -0.33 | 0.30 | -0.41 | 0.00 | 0.65 | -0.09 |
| Science | Physics 1 | 2.14 | 2.50 | 2.19 | 2.48 | 2.73 | 2.78 | 2.32 | 2.47 | 2.62 | -0.34 | -0.23 | -0.59 | -0.18 | 0.03 | -0.43 |
| Science | Physics 2 | 3.00 | 3.00 | 2.67 | 2.84 | 2.91 | 3.09 | 2.90 | 2.98 | 3.15 | 0.16 | 0.09 | -0.42 | 0.10 | 0.02 | -0.48 |
| Science | Physics C - E&M | | | 2.33 | 3.64 | 3.59 | 3.71 | 3.56 | 3.55 | 3.65 | | | -1.38 | | | -1.32 |
| Science | Physics C - Mech. | | | 3.60 | 3.58 | 3.79 | 3.90 | 3.52 | 3.73 | 3.86 | | | -0.30 | | | -0.26 |
| Science | Total | 2.69 | 2.73 | 2.75 | 2.97 | 3.06 | 3.12 | 2.75 | 2.81 | 2.93 | -0.29 | -0.33 | -0.38 | -0.06 | -0.08 | -0.18 |
| Social Studies | European History | 2.60 | 4.50 | 3.60 | 3.17 | 3.16 | 3.18 | 2.89 | 2.89 | 2.95 | -0.57 | 1.34 | 0.42 | -0.29 | 1.61 | 0.65 |
| Social Studies | US Government | 3.06 | 3.40 | 3.44 | 2.99 | 2.91 | 3.01 | 2.70 | 2.73 | 2.84 | 0.07 | 0.49 | 0.43 | 0.36 | 0.67 | 0.60 |
| Social Studies | Human Geography | 3.70 | 3.31 | 2.37 | 3.51 | 3.34 | 3.33 | 2.71 | 2.54 | 2.74 | 0.19 | -0.03 | -0.96 | 0.99 | 0.77 | -0.37 |
| Social Studies | Macroeconomics | 3.33 | 3.83 | 3.39 | 3.34 | 3.39 | 3.55 | 2.89 | 2.87 | 3.00 | -0.01 | 0.44 | -0.16 | 0.44 | 0.96 | 0.39 |
| Social Studies | Microeconomics | 3.25 | 4.00 | 3.13 | 3.35 | 3.45 | 3.43 | 3.14 | 3.19 | 3.18 | -0.10 | 0.55 | -0.31 | 0.11 | 0.81 | -0.06 |
| Social Studies | Psychology | 3.50 | 3.39 | 2.61 | 3.38 | 3.30 | 3.42 | 3.13 | 3.07 | 3.21 | 0.12 | 0.09 | -0.81 | 0.37 | 0.32 | -0.60 |
| Social Studies | US History | 2.62 | 2.93 | 2.81 | 2.90 | 2.98 | 3.05 | 2.66 | 2.71 | 2.82 | -0.28 | -0.05 | -0.24 | -0.04 | 0.22 | -0.01 |
| Social Studies | World History | 3.54 | 3.31 | 3.24 | 3.17 | 3.11 | 3.21 | 2.78 | 2.75 | 2.87 | 0.37 | 0.20 | 0.03 | 0.76 | 0.56 | 0.37 |
| Social Studies | Total | 3.41 | 3.34 | 2.95 | 3.16 | 3.14 | 3.22 | 2.81 | 2.80 | 2.92 | 0.25 | 0.20 | -0.27 | 0.60 | 0.54 | 0.03 |
| World Language | Chinese | | | 3.73 | 4.21 | 4.17 | 3.97 | 4.24 | 4.11 | 4.02 | | | -0.24 | | | -0.29 |
| World Language | German | | 2.75 | 2.50 | 3.31 | 3.23 | 3.57 | 3.21 | 3.22 | 3.42 | | -0.48 | -1.07 | | -0.47 | -0.92 |
| World Language | Spanish | 3.07 | 3.24 | 2.55 | 3.45 | 3.48 | 3.56 | 3.68 | 3.71 | 3.86 | -0.38 | -0.24 | -1.01 | -0.61 | -0.47 | -1.31 |
| World Language | Spanish Literature | | | 2.75 | 3.21 | 2.97 | 3.42 | 3.02 | 3.07 | 3.22 | | | -0.67 | | | -0.47 |
| World Language | Total | 3.07 | 3.16 | 3.00 | 3.42 | 3.42 | 3.55 | 3.57 | 3.59 | 3.74 | -0.36 | -0.26 | -0.55 | -0.50 | -0.43 | -0.74 |
| Other | Comp Sci Principles | 3.00 | | 2.33 | 3.47 | 3.31 | 3.16 | 3.10 | 3.10 | 3.08 | -0.47 | | -0.83 | -0.10 | | -0.75 |
| Other | Art History | 3.25 | 5.00 | 3.00 | 2.94 | 2.77 | 3.21 | 3.04 | 3.00 | 3.15 | 0.31 | 2.23 | -0.21 | 0.21 | 2.00 | -0.15 |
| Other | Music Theory | 3.80 | 5.00 | 4.00 | 3.38 | 3.25 | 3.39 | 3.17 | 3.10 | 3.27 | 0.42 | 1.75 | 0.61 | 0.63 | 1.90 | 0.73 |
| All AP Exams Combined | | 3.27 | 3.30 | 3.00 | 3.12 | 3.14 | 3.22 | 2.87 | 2.89 | 3.01 | 0.15 | 0.16 | -0.22 | 0.40 | 0.41 | -0.01 |

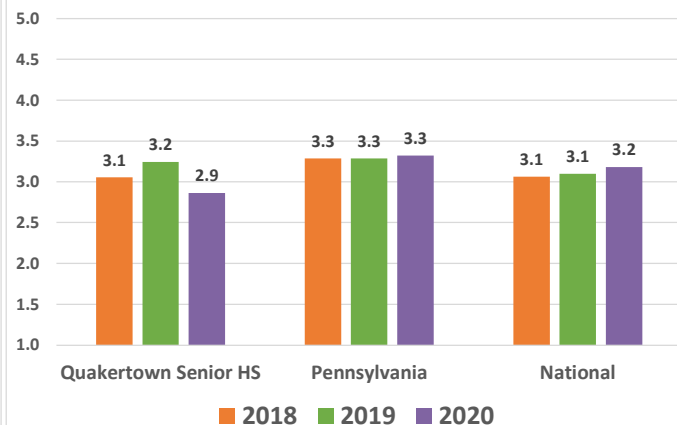
Note: Difference numbers are colored green or red to indicate when the district out-performed or underperformed, respectively.

Average AP Exam Score

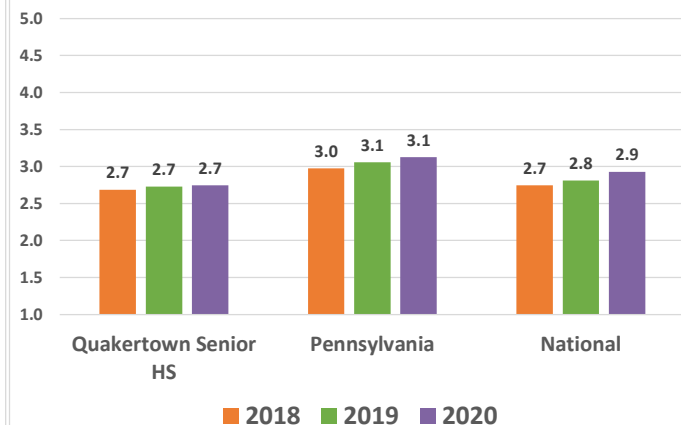
English



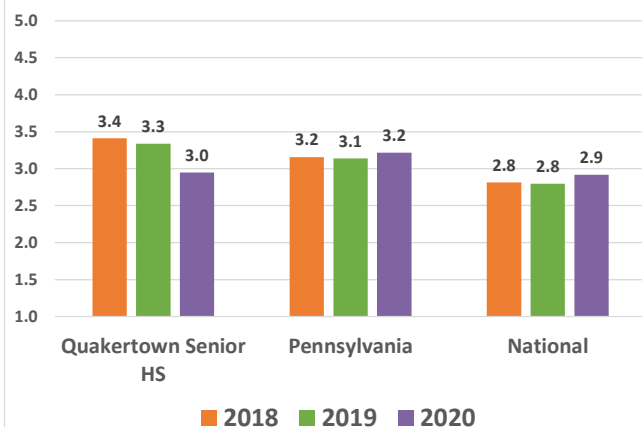
Math



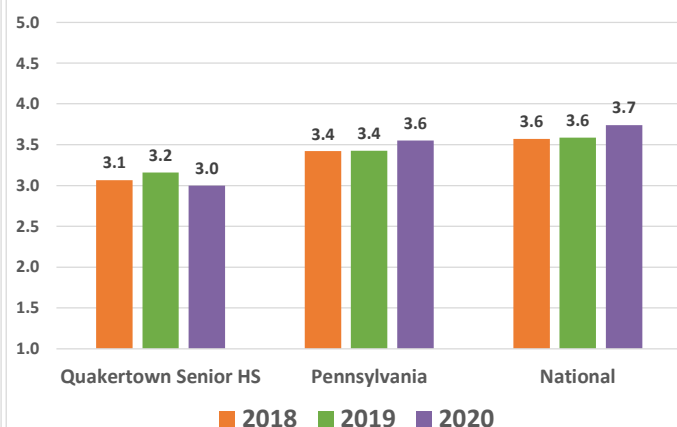
Science



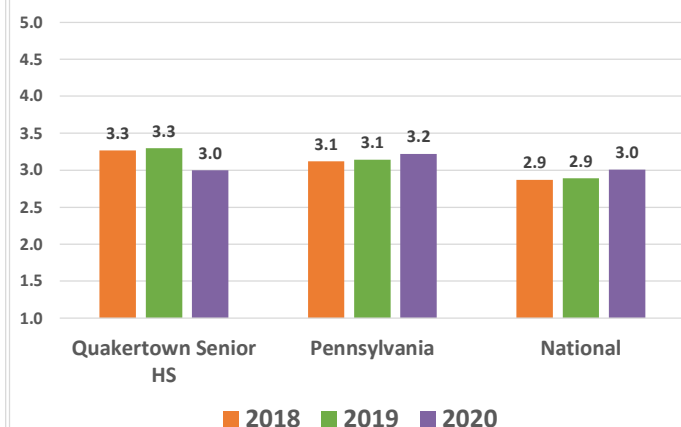
Social Studies



World Language



All AP Exams

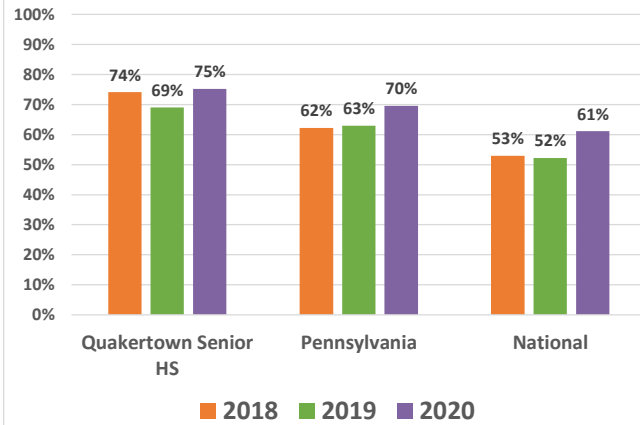


AP Exam Comparison

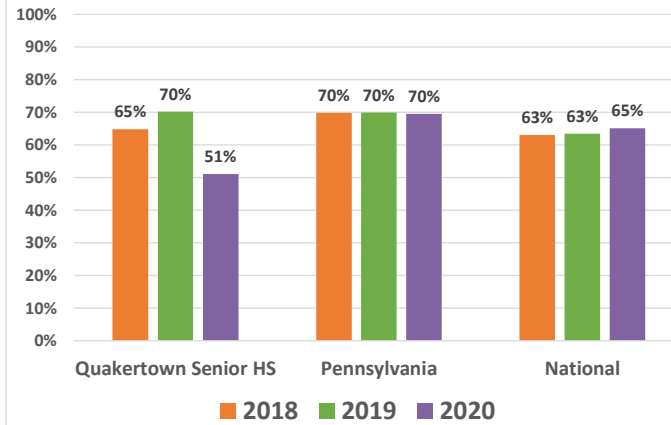
| | | % Scoring 3 or Higher on AP Exam | | | | | | | | | Difference | | | | | |
|-----------------------|---------------------|----------------------------------|------|------|--------------|------|------|----------|------|------|------------------|------|------|--------------|------|------|
| | | Quakertown Senior HS | | | Pennsylvania | | | National | | | vs. Pennsylvania | | | vs. National | | |
| Department | AP Exam | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 | 2018 | 2019 | 2020 |
| English | English Language | 74% | 63% | 78% | 68% | 66% | 71% | 57% | 54% | 62% | 6% | -3% | 6% | 17% | 9% | 16% |
| English | English Literature | 74% | 80% | 71% | 55% | 59% | 67% | 47% | 49% | 60% | 19% | 21% | 4% | 27% | 31% | 11% |
| English | Total | 74% | 69% | 75% | 62% | 63% | 70% | 53% | 52% | 61% | 12% | 6% | 6% | 21% | 17% | 14% |
| Math | Comp Sci A | 89% | | 50% | 71% | 72% | 71% | 67% | 69% | 70% | 18% | | -21% | 21% | | -20% |
| Math | Calculus AB | 41% | 61% | 49% | 63% | 65% | 65% | 57% | 58% | 61% | -22% | -4% | -16% | -16% | 3% | -12% |
| Math | Calculus BC | 86% | 100% | 88% | 85% | 84% | 84% | 80% | 81% | 81% | 1% | 16% | 3% | 5% | 19% | 6% |
| Math | Statistics | 76% | 65% | 43% | 71% | 68% | 67% | 60% | 59% | 59% | 5% | -3% | -24% | 16% | 6% | -16% |
| Math | Total | 65% | 70% | 51% | 70% | 70% | 70% | 63% | 63% | 65% | -5% | 0% | -18% | 2% | 7% | -14% |
| Science | Biology | 77% | 80% | 100% | 71% | 73% | 75% | 61% | 64% | 69% | 6% | 7% | 25% | 16% | 16% | 31% |
| Science | Chemistry | 100% | 44% | 67% | 59% | 59% | 61% | 55% | 54% | 55% | 41% | -15% | 6% | 45% | -10% | 12% |
| Science | Env. Science | 50% | 67% | 50% | 58% | 61% | 64% | 47% | 49% | 53% | -8% | 6% | -14% | 3% | 18% | -3% |
| Science | Physics 1 | 24% | 47% | 35% | 44% | 54% | 56% | 39% | 44% | 51% | -20% | -7% | -22% | -15% | 3% | -16% |
| Science | Physics 2 | 100% | 60% | 67% | 59% | 60% | 72% | 61% | 63% | 72% | 41% | 0% | -5% | 39% | -3% | -5% |
| Science | Physics C - E&M | | | 33% | 75% | 74% | 76% | 73% | 72% | 74% | | | -43% | | | -40% |
| Science | Physics C - Mech. | | | 80% | 80% | 84% | 86% | 77% | 81% | 84% | | | -6% | | | -4% |
| Science | Total | 51% | 54% | 56% | 62% | 66% | 68% | 54% | 57% | 61% | -12% | -12% | -12% | -3% | -3% | -4% |
| Social Studies | European History | 40% | 100% | 80% | 68% | 68% | 69% | 57% | 58% | 59% | -28% | 32% | 11% | -17% | 42% | 21% |
| Social Studies | US Government | 72% | 89% | 72% | 63% | 61% | 63% | 53% | 55% | 57% | 10% | 28% | 9% | 19% | 34% | 15% |
| Social Studies | Human Geography | 88% | 79% | 49% | 77% | 74% | 75% | 54% | 49% | 59% | 11% | 5% | -27% | 34% | 30% | -10% |
| Social Studies | Macroeconomics | 67% | 83% | 78% | 70% | 73% | 77% | 57% | 57% | 61% | -4% | 11% | 0% | 10% | 26% | 17% |
| Social Studies | Microeconomics | 75% | 80% | 75% | 73% | 76% | 74% | 66% | 68% | 66% | 2% | 4% | 1% | 9% | 12% | 9% |
| Social Studies | Psychology | 81% | 78% | 57% | 72% | 71% | 76% | 65% | 64% | 71% | 8% | 6% | -19% | 15% | 13% | -14% |
| Social Studies | US History | 38% | 57% | 59% | 61% | 63% | 67% | 52% | 54% | 59% | -23% | -6% | -8% | -14% | 3% | 0% |
| Social Studies | World History | 84% | 76% | 80% | 70% | 68% | 72% | 56% | 55% | 60% | 14% | 8% | 8% | 28% | 21% | 20% |
| Social Studies | Total | 78% | 77% | 66% | 67% | 67% | 70% | 56% | 56% | 61% | 11% | 9% | -4% | 22% | 20% | 5% |
| World Language | Chinese | | | 91% | 91% | 91% | 87% | 90% | 89% | 88% | | | 4% | | | 3% |
| World Language | German | | 50% | 50% | 78% | 77% | 79% | 69% | 71% | 72% | | -27% | -29% | | -21% | -22% |
| World Language | Spanish | 73% | 86% | 36% | 82% | 83% | 85% | 88% | 89% | 90% | -9% | 2% | -48% | -15% | -3% | -54% |
| World Language | Spanish Literature | | | 38% | 83% | 69% | 76% | 69% | 71% | 74% | | | -39% | | | -37% |
| World Language | Total | 73% | 80% | 56% | 81% | 81% | 84% | 84% | 84% | 87% | -8% | -1% | -27% | -11% | -4% | -30% |
| Other | Comp Sci Principles | 100% | | 33% | 85% | 79% | 75% | 71% | 72% | 71% | 15% | | -42% | 29% | | -38% |
| Other | Art History | 75% | 100% | 50% | 62% | 55% | 70% | 65% | 63% | 69% | 13% | 45% | -20% | 10% | 37% | -19% |
| Other | Music Theory | 100% | 100% | 100% | 72% | 68% | 74% | 66% | 63% | 69% | 28% | 32% | 26% | 34% | 37% | 31% |
| All AP Exams Combined | | 74% | 75% | 66% | 67% | 68% | 71% | 58% | 59% | 64% | 7% | 7% | -5% | 16% | 16% | 2% |

% Scoring 3 or Higher on Exam

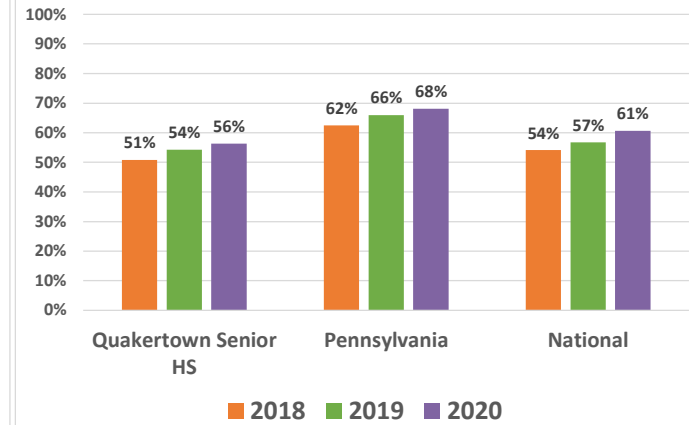
English



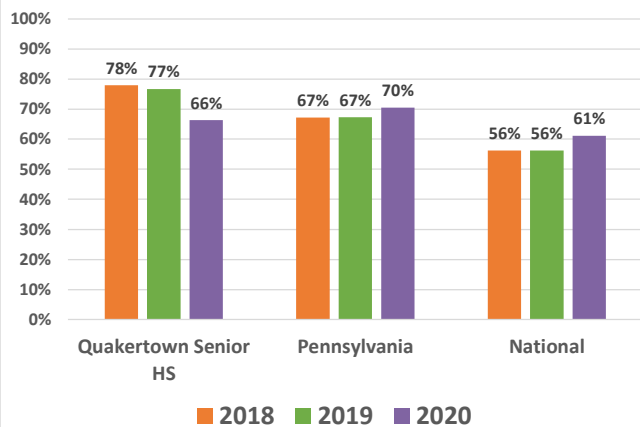
Math



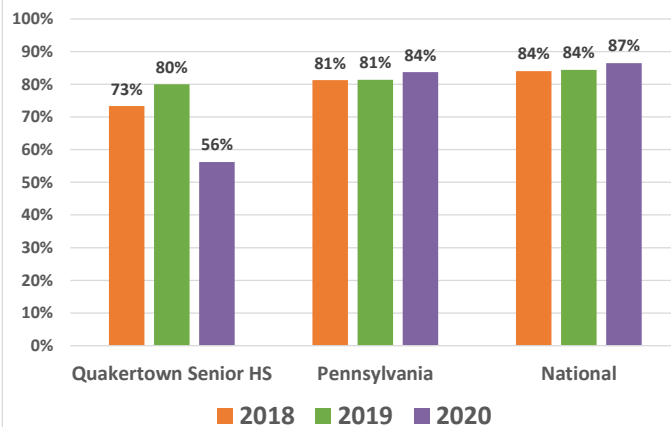
Science



Social Studies



World Language



All AP Exams

