# Academy for Environmental Science <br> 2016-2017 

The 2016-17 School Performance Reports are designed to share school and district information collected by the New Jersey Department of Education directly with parents, educators, and communities. The Department believes that the greatest potential to improve school performance and student outcomes is through parents, educators, and community members working together. These reports seek to make that process easier by providing information that can help people to:

- Learn more: The School Performance Reports contain a wealth of data, going far beyond a school's test scores to include information about the staff working in a school, student discipline rates, and the sports and clubs offered.
- Ask questions: These reports can help start a conversation, but they cannot answer all the questions you might have about schools in your community. Use the contact information provided to engage with faculty and administrators at your schools to ask about the data you see in these reports.
- Get involved: Schools need help from parents and communities to help students succeed. Contact your school to find out about school board meetings or parent and community groups.


## Navigating through the reports:

- Download this report to a PDF by clicking the icon at the top of the page.
- Search for specific text or words in these reports by using the search box at the top of the page.
- The menu bar at the top of the page or the table of contents at the left of the screen can be used to move between sections of the report.
- The arrow buttons at the top left of the screen can be used to move between pages of the report.


## Other Resources:

- Review the Parent Summary Report or the district-level report for this school.
- For more detailed information about the data in these reports, where it comes from, and how to use it: Reference Guide or Interpretive Video.
- Download the data used in these reports.
- Want to give us feedback? Take our feedback survey: surveylink
- Questions about the reports? Contact us at reportcard@doe.nj.gov


## Footnotes

1. An "*" indicates that data is not displayed to protect student privacy; " N " indicates no data is available to display.
2. ** ESSA accountability targets are only included if data is available for at least 20 students.

Note: Additional footnotes may exist within the reports specific to certain data tables. In those instances, the footnotes will be displayed below the applicable table.

## Academy for Environmental Science <br> 2016-2017

## Enrollment Trends by Grade

This table shows the number of students enrolled by grade for the past three school years. Ungraded students are students who are "on roll" but are educated in ungraded classrooms.

| Grade | $2014-15$ | $2015-16$ | $2016-17$ |
| :---: | :---: | :---: | :---: |
| 9 | 0 | 0 | 15 |
| 10 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 |
| Ungraded | 0 | 0 | 0 |
| Total | 0 | 0 | 15 |

## Enrollment Trends by Student Group

This table shows the percentage of students by student group for the past three school years. Data for some student groups was not available before 2016-17.

| Student Group | $2014-15$ | $2015-16$ | $2016-17$ |
| :--- | :---: | :---: | :---: |
| Female | $0 \%$ | $0 \%$ | $47 \%$ |
| Male | $0 \%$ | $0 \%$ | $53 \%$ |
| Economically <br> Disadvantaged Students | $0 \%$ | $0 \%$ | $0 \%$ |
| Students with Disabilities | $0 \%$ | $0 \%$ | $0 \%$ |
| English Learners | $0 \%$ | $0 \%$ | $0 \%$ |
| Homeless Students |  |  | $0 \%$ |
| Students in Foster Care |  |  | $0 \%$ |
| Military-Connected Students |  |  | $0 \%$ |
| Migrant Students |  |  | $0 \%$ |

## Enrollment Trends by Full and Shared Time

This table shows the number of full and shared time students. The full time equivalent is the number of full time students plus half the number of shared time students.

| Enrollment Status | $2016-17$ |
| :--- | :---: |
| Full Time Students | 15 |
| Shared Time Students | 0 |
| Full Time Equivalent | 15 |

## Enrollment by Racial and Ethnic Group

This table shows the percentage of students by racial and ethnic group.

| Racial and Ethnic Group | \% of Students |
| :--- | :--- |
| White | $93.3 \%$ |
| Hispanic | $6.7 \%$ |
| American Indian or Alaska Native | $0.0 \%$ |
| Asian | $0.0 \%$ |
| Black or African American | $0.0 \%$ |
| Native Hawaiian or Pacific Islander | $0.0 \%$ |
| Two or More Races | $0.0 \%$ |

# Academy for Environmental Science <br> 2016-2017 

27-3365-300

Grade Span 09-12

## English Language Arts/Literacy Assessment - Participation and Performance

This table shows information about the English Language Arts/Literacy section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 14 | 100.0 | 85.70 | 90.60 | 54.90 | 85.7 | ** | ** |
| White | 13 | 100.0 | 84.70 | * | 63.90 | 84.7 | ** | ** |
| Hispanic | * | * | * | 75.00 | 39.80 | N | ** | ** |
| Black or African American | * | * | * | 83.30 | 35.20 | N | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | * | 80.70 | N | ** | ** |
| American Indian or Alaska Native | * | * | * | * | 53.70 | N | ** | ** |
| Two or More Races | * | * | * | * | 54.90 | * | ** | ** |
| Female | * | * | * | * | 62.20 | * |  |  |
| Male | * | * | * | * | 48.10 | * |  |  |
| Economically Disadvantaged Students | N | N | N | 100.00 | 36.20 | N | ** | ** |
| Non-Economically Disadvantaged Students | 14 | 100.0 | 85.70 | 90.30 | 65.80 | 85.7 |  |  |
| Students with Disabilities | * | * | * | * | 20.50 | * | ** | ** |
| Students without Disabilities | * | * | * | * | 61.90 | * |  |  |
| English Learners | N | N | N | N | 25.20 | N | ** | ** |
| Non-English Learners | 14 | 100.0 | 85.70 | 90.60 | 57.40 | 85.7 |  |  |
| Homeless Students | N | N | N | N | 26.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 24.80 | N |  |  |
| Military-Connected Students | N | N | N | N | 53.50 | N |  |  |
| Migrant Students | N | N | N | N | 23.00 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Academy for Environmental Science <br> 2016-2017

27-3365-300

Grade Span 09-12

English Language Arts/Literacy Assessment - Performance by Grade: Grade 9
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 15 | 775 | 794 | 749 | 0\% | 0\% | * | * | * | 87\% | 52\% |
| White | 14 | 774 | * | 757 | 0\% | 0\% | * | * | * | 86\% | 62\% |
| Hispanic | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Black or African American | N | N | N | 730 | N | N | N | N | N | N | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 777 | N | N | N | N | N | N | 80\% |
| American Indian or Alaska Native | N | N | N | 745 | N | N | N | N | N | N | 49\% |
| Two or More Races | * | * | * | 746 | * | * | * | * | * | * | 48\% |
| Female | * | * | * | 756 | * | * | * | * | * | * | 60\% |
| Male | * | * | * | 741 | * | * | * | * | * | * | 43\% |
| Economically Disadvantaged Students | N | N | N | 731 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | 15 | 775 | * | 758 | 0\% | 0\% | * | * | * | 87\% | 62\% |
| Students with Disabilities | * | * | * | 714 | * | * | * | * | * | * | 13\% |
| Students without Disabilities | * | * | * | 754 | * | * | * | * | * | * | 58\% |
| English Learners | N | N | N | 690 | N | N | N | N | N | N | * |
| Non-English Learners | 15 | 775 | 794 | 752 | 0\% | 0\% | * | * | * | 87\% | * |
| Homeless Students | N | N | N | 719 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 718 | N | N | N | N | N | N | 21\% |
| Military-Connected Students | N | N | N | 746 | N | N | N | N | N | N | 45\% |
| Migrant Students | N | N | N | 705 | N | N | N | N | N | N | * |

## Academy for Environmental Science <br> 2016-2017

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Grade Span 09-12

## English Language Arts/Literacy Assessment - Performance by Grade: Grade 10

This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 743 | N | N | N | N | N | N | 46\% |
| White | N | N | N | 749 | N | N | N | N | N | N | 52\% |
| Hispanic | N | N | N | 728 | N | N | N | N | N | N | 34\% |
| Black or African American | N | N | N | 725 | N | N | N | N | N | N | 31\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 774 | N | N | N | N | N | N | 74\% |
| American Indian or Alaska Native | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Two or More Races | N | N | N | 737 | N | N | N | N | N | N | 42\% |
| Female | N | N | N | 752 | N | N | N | N | N | N | 54\% |
| Male | N | N | N | 734 | N | N | N | N | N | N | 39\% |
| Economically Disadvantaged Students | N | N | N | 726 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | N | N | N | 751 | N | N | N | N | N | N | 54\% |
| Students with Disabilities | N | N | N | 704 | N | N | N | N | N | N | 12\% |
| Students without Disabilities | N | N | N | 749 | N | N | N | N | N | N | 52\% |
| English Learners | N | N | N | 681 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 745 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 710 | N | N | N | N | N | N | 20\% |
| Military-Connected Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Migrant Students | N | N | N | 694 | N | N | N | N | N | N | * |

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Grade Span 09-12

English Language Arts/Literacy Assessment - Performance by Grade: Grade 11**
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 736 | N | N | N | N | N | N | 38\% |
| White | N | N | N | 738 | N | N | N | N | N | N | 40\% |
| Hispanic | N | N | N | 731 | N | N | N | N | N | N | 34\% |
| Black or African American | N | N | N | 728 | N | N | N | N | N | N | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 756 | N | N | N | N | N | N | 58\% |
| American Indian or Alaska Native | N | N | N | 731 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 731 | N | N | N | N | N | N | 36\% |
| Female | N | N | N | 744 | N | N | N | N | N | N | 46\% |
| Male | N | N | N | 729 | N | N | N | N | N | N | 31\% |
| Economically Disadvantaged Students | N | N | N | 729 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Students with Disabilities | N | N | N | 709 | N | N | N | N | N | N | 12\% |
| Students without Disabilities | N | N | N | 741 | N | N | N | N | N | N | 43\% |
| English Learners | N | N | N | 699 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 737 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 722 | N | N | N | N | N | N | 24\% |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | 19\% |
| Military-Connected Students | N | N | N | 723 | N | N | N | N | N | N | 24\% |
| Migrant Students | N | N | N | 713 | N | N | N | N | N | N | 26\% |

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## MORRIS COUNTY VOCATIONAL

1010 WELDON ROAD OAK RIDGE, NJ 07438

English Language Arts/Literacy Assessment - Performance Trends
This graph shows the percentage of students who met or exceeded expectations for the past three years.


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# Academy for Environmental Science <br> 2016-2017 

Grade Span 09-12

## Mathematics Assessment - Participation and Performance

This table shows information about the Mathematics section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 13 | 100.0 | 84.60 | 73.10 | 43.50 | 84.6 | ** | ** |
| White | 13 | 100.0 | 84.60 | * | 52.40 | 84.6 | ** | ** |
| Hispanic | N | N | N | * | 27.60 | N | ** | ** |
| Black or African American | N | N | N | * | 21.70 | N | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 93.70 | 75.60 | N | ** | ** |
| American Indian or Alaska Native | N | N | N | * | 42.50 | N | ** | ** |
| Two or More Races | N | N | N | 75.00 | 44.90 | N | ** | ** |
| Female | * | * | * | * | 44.10 | * |  |  |
| Male | * | * | * | * | 42.90 | * |  |  |
| Economically Disadvantaged Students | N | N | N | 70.00 | 25.10 | N | ** | ** |
| Non-Economically Disadvantaged Students | 13 | 100.0 | 84.60 | 73.20 | 54.30 | 84.6 |  |  |
| Students with Disabilities | * | * | * | * | 16.50 | * | ** | ** |
| Students without Disabilities | * | * | * | * | 48.80 | * |  |  |
| English Learners | N | N | N | N | 23.30 | N | ** | ** |
| Non-English Learners | 13 | 100.0 | 84.60 | 73.10 | 45.20 | 84.6 |  |  |
| Homeless Students | N | N | N | N | 16.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 15.10 | N |  |  |
| Military-Connected Students | N | N | N | N | 39.90 | N |  |  |
| Migrant Students | N | N | N | N | 18.20 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Academy for Environmental Science <br> 2016-2017

27-3365-300 MORRIS

## Mathematics Assessment - Performance by Test: Algebra I


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: <br> Partially Met <br> Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | * | * | * | 743 | * | * | * | * | * | * | 42\% |
| White | * | * | * | 751 | * | * | * | * | * | * | 52\% |
| Hispanic | N | N | N | 728 | N | N | N | N | N | N | 24\% |
| Black or African American | N | N | N | 724 | N | N | N | N | N | N | 19\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 774 | N | N | N | N | N | N | 76\% |
| American Indian or Alaska Native | N | N | N | 736 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 741 | N | N | N | N | N | N | 41\% |
| Female | * | * | * | 744 | * | * | * | * | * | * | 43\% |
| Male | * | * | * | 741 | * | * | * | * | * | * | 40\% |
| Economically Disadvantaged Students | N | N | N | 727 | N | N | N | N | N | N | 23\% |
| Non-Economically Disadvantaged Students | * | * | * | 751 | * | * | * | * | * | * | 52\% |
| Students with Disabilities | N | N | N | 714 | N | N | N | N | N | N | 10\% |
| Students without Disabilities | * | * | * | 747 | * | * | * | * | * | * | 47\% |
| English Learners | N | N | N | 708 | N | N | N | N | N | N | * |
| Non-English Learners | * | * | * | 745 | * | * | * | * | * | * | * |
| Homeless Students | N | N | N | 718 | N | N | N | N | N | N | 13\% |
| Students in Foster Care | N | N | N | 711 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 742 | N | N | N | N | N | N | 37\% |
| Migrant Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |

## Academy for Environmental Science <br> 2016-2017

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## Mathematics Assessment - Performance by Test: Geometry


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 10 | 759 | 761 | 734 | 0\% | 0\% | * | * | 0\% | 90\% | 30\% |
| White | * | * | * | 740 | * | * | * | * | * | * | 38\% |
| Hispanic | N | N | N | 722 | N | N | N | N | N | N | 14\% |
| Black or African American | N | N | N | 719 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 758 | N | N | N | N | N | N | 65\% |
| American Indian or Alaska Native | N | N | N | 730 | N | N | N | N | N | N | 29\% |
| Two or More Races | N | N | N | 733 | N | N | N | N | N | N | 32\% |
| Female | * | * | * | 735 | * | * | * | * | * | * | 31\% |
| Male | * | * | * | 733 | * | * | * | * | * | * | 30\% |
| Economically Disadvantaged Students | N | N | N | 721 | N | N | N | N | N | N | 13\% |
| Non-Economically Disadvantaged Students | 10 | 759 | * | 740 | 0\% | 0\% | * | * | 0\% | 90\% | 39\% |
| Students with Disabilities | * | * | * | 711 | * | * | * | * | * | * | * |
| Students without Disabilities | * | * | * | 738 | * | * | * | * | * | * | * |
| English Learners | N | N | N | 710 | N | N | N | N | N | N | * |
| Non-English Learners | 10 | 759 | 761 | 735 | 0\% | 0\% | * | * | 0\% | 90\% | * |
| Homeless Students | N | N | N | 717 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 727 | N | N | N | N | N | N | 15\% |
| Migrant Students | N | N | N | 704 | N | N | N | N | N | N | * |

## Academy for Environmental Science <br> 2016-2017

27-3365-300 MORRIS

## Mathematics Assessment - Performance by Test: Algebra II


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 725 | N | N | N | N | N | N | 28\% |
| White | N | N | N | 731 | N | N | N | N | N | N | 33\% |
| Hispanic | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Black or African American | N | N | N | 703 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 761 | N | N | N | N | N | N | 62\% |
| American Indian or Alaska Native | N | N | N | 715 | N | N | N | N | N | N | 20\% |
| Two or More Races | N | N | N | 718 | N | N | N | N | N | N | 25\% |
| Female | N | N | N | 725 | N | N | N | N | N | N | 27\% |
| Male | N | N | N | 725 | N | N | N | N | N | N | 29\% |
| Economically Disadvantaged Students | N | N | N | 708 | N | N | N | N | N | N | 13\% |
| Non-Economically Disadvantaged Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Students with Disabilities | N | N | N | 692 | N | N | N | N | N | N | * |
| Students without Disabilities | N | N | N | 729 | N | N | N | N | N | N | * |
| English Learners | N | N | N | 692 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 726 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 702 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 692 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Migrant Students | N | N | N | 702 | N | N | N | N | N | N | 14\% |

NJ SCHOOL PERFORMANCE REPORT

## Academy for Environmental Science

2016-2017
Grade Span 09-12

Mathematics Assessment - Performance Trends
This graph shows the percentage of students who met or exceeded expectations for the past three years.


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Academy for Environmental Science
2016-2017
Grade Span 09-12

27-3365-300
MORRIS
MORRIS COUNTY VOCATIONAL
1010 WELDON ROAD OAK RIDGE, NJ 07438

Alternate Assessments - Participation
This table shows the number of students taking the Dynamic Learning Maps Alternate Assessment, which tests academic progress in English Language Arts (ELA) and Mathematics for students with different types of significant cognitive disabilities.

| Grade | ELA: <br> \# Students Tested | Math: <br> \# Students Tested |
| :---: | :---: | :---: |
| 9 | N | N |
| 10 | N | N |
| 11 | N | N |

## English Language Proficiency Test - Participation and Performance

This table shows, by years in district, the number of English learner students taking the ACCESS for ELLs 2.0 Assessment for English language proficiency. The table also shows the percentage of students tested that received an overall score of 4.5 or above. Students must receive a score of 4.5 or higher to be considered for proficient status.

Years in District $\left.$\begin{tabular}{c|c|c|c|}
\# Students <br>
Tested

 

\% Students with <br>
Overall Score <br>
Below 4.5

 

\% Students with <br>
Overall Score of <br>
4.5 and above

 \right\rvert\, 

\hline 1 \& N \& N <br>
\hline 2 \& N \& N <br>
\hline 3 \& N \& N <br>
\hline 4 \& N \& N <br>
\hline $5+$ \& N \& N <br>
\hline
\end{tabular}

## Academy for Environmental Science

2016-2017
27-3365-300 MORRIS

Grade Span 09-12

## MORRIS COUNTY VOCATIONAL <br> 1010 WELDON ROAD

 OAK RIDGE, NJ 07438This section shows whether students have gained the knowledge and skills identified in the Biology section of the Science Core Curriculum Standards as measured by the End of Course Biology test. The assessment has three proficiency categories. Students performing at "Proficient" and "Advanced Proficient" have demonstrated readiness for the next grade-level/course.

## Biology Assessment - Performance

This table shows the percentage of students in each proficiency category for the school and each student group and also provides a comparison to the statewide percentages.

| Student Group | \% Advanced <br> Proficient | \% Proficient | \% Partially <br> Proficient |
| :--- | :---: | :---: | :---: |
| Statewide | $16 \%$ | $42 \%$ | $42 \%$ |
| Schoolwide | $47 \%$ | $53 \%$ | N |
| White | $46 \%$ | $55 \%$ | N |
| Hispanic | N | N | N |
| Black or African American | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | ${ }^{*}$ | N |
| American Indian or Alaska Native | ${ }^{*}$ | N | N |
| Two or More Races | ${ }^{*}$ | ${ }^{*}$ | N |
| Economically Disadvantaged Students | N | ${ }^{*}$ | N |
| Students with Disabilities | ${ }^{*}$ | ${ }^{*}$ | N |
| English Learners | N | N | N |

## Biology Assessment - Proficiency Trends

This graph displays the percentage of students by proficiency category for the past three schoo years.


## Academy for Environmental Science

2016-2017
Grade Span 09-12

This section contains information about participation and performance on college entrance examinations. For more information about how participation and performance on the PSAT, SAT, and ACT tests are calculated and how these calculations account for recent changes to the SAT test, please see our Reference Guide.

## PSAT/SAT/ACT - Participation

This table shows the percentage of 10th and 11th graders that took the PSAT 10 or PSAT NMSQT exams in 2016-17. This table also shows the percentage of 12th graders that have taken the SAT or ACT this year or in prior years.

| Test | $\%$ of <br> Students in <br> School | $\%$ of <br> Students in <br> State |
| :--- | :---: | :---: |
| Percentage of students taking the PSAT | N | $89.4 \%$ |
| Percentage of students taking the SAT | N | $70.0 \%$ |
| Percentage of students taking the ACT | N | $28.3 \%$ |

## PSAT/SAT/ACT - Performance

This table shows the average test score, based on highest scoring test, for the PSAT, SAT, and ACT tests by subject area for students in the school and across the state. This table also shows the percentage of students at or above College Readiness Benchmarks for each test. Students that score at or above these benchmarks have a high chance of success in credit-bearing college courses.

| Test | School <br> Average <br> Score | State <br> Average <br> Score | College <br> Readiness <br> Benchmarks | School - \% of <br> Students <br> scoring at or <br> above <br> Benchmark | State - \% of <br> Students <br> scoring at or <br> above <br> Benchmark |
| :--- | :---: | :---: | :---: | :---: | :---: |
| PSAT - Reading and <br> Writing | N | 481 | N | $1 \%$ | $67 \%$ |
| PSAT - Math | N | 483 | N | $1 \%$ | $49 \%$ |
| SAT - Reading and <br> Writing | N | 551 | N | $1 \%$ | $77 \%$ |
| SAT - Math | N | 552 | N | $1 \%$ | $58 \%$ |
| ACT - Reading | N | 24 | N | $1 \%$ | $65 \%$ |
| ACT - English | N | 24 | N | $1 \%$ | $79 \%$ |
| ACT - Math | N | 24 | N | $1 \%$ | $65 \%$ |
| ACT - Science | N | 23 | N | $1 \%$ | $54 \%$ |

Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are participating in advanced course work such as Advanced Placement (AP) or International Baccalaureate (IB) courses and exams and dual enrollment courses where high school students can enroll in college courses for credit.

## AP/IB Coursework - Participation and Performance

This chart shows the percentage of students out of all 11th and 12th grade students in the school and across the state, who enrolled in one or more AP or IB course, the percentage that took one or more AP or IB exam, and the percentage of students taking one or more exams who received at least one score of at least 3 on AP exams or 4 on IB exams.

| Students enrolled in one <br> or more AP or IB course | School | N |  |
| :--- | :--- | :--- | :--- |
|  | State |  |  |
| Students taking one or <br> more AP or IB exam | School | N |  |

## AP/ IB Courses Offered

This table shows the students enrolled in AP/IB courses and the corresponding exams that were taken. Students do not need to take a course to take the exam and not all students enrolled in a course take the exam. The last two rows show the total number of exams taken and the number of exams with scores of at least 3 on AP exams or 4 on IB exams. In the last two rows, students taking multiple exams are counted more than once.

| AP/IB Course | Students Enrolled | Students Tested |
| :---: | :---: | :---: |
| N | 0 | 0 |

## Dual Enrollment Coursework - Participation

This graph shows the percentage students enrolled in at least one dual enrollment course in the school and across the state. Dual enrollment courses allow high school students to enroll in college courses for credit prior to their high school graduation.

| Students enrolled in one <br> or more dual enrollment <br> course | School | N |  |
| :--- | :--- | :--- | :--- |
|  | State |  | $17.3 \%$ |

This section contains information about participation in approved Career and Technical Education (CTE) programs and Structured Learning Experiences. For more information about CTE in New Jersey, please visit http://www.nj.gov/education/cte/.
Career and Technical Education Participation

The chart below shows the percentage of students within the school and state who were enrolled in courses in approved Career and Technical Education (CTE) programs. Students enrolled in shared-time CTE programs in a county vocational school district are included in both the county vocational school and their sending school.

## CTE Participants

(completed only one course in an approved CTE program)

| School | $0.0 \%$ |
| :--- | ---: |
| State | $7.6 \%$ |

## CTE Concentrators

(completed two or more courses in a single approved CTE program and/or completed the entire CTE program)


## Structured Learning Experiences Participation

The graph below displays the percentage of students within the school and state who participated in Structured Learning Experiences (SLEs). SLEs can include work-based learning programs, internships, apprenticeships, and service learning experiences and can be paid or unpaid.

## Structured Learning Experiences

| School | $0.0 \%$ |
| :--- | :--- |
| State | $2.5 \%$ |

## Industry-Valued Credentials Earned

This table shows the number of students that earned at least one industryvalued credential and the number of credentials earned in each Career Cluster® and overall for the 2016-17 school year. Students earning credentials in more than one Career Cluster are counted in multiple rows. Students earning multiple credentials in one Career Cluster are counted more than once in the Industry credentials total.

| Career Cluster | Students with at <br> least one <br> credential earned | Industry <br> credentials earned |
| :--- | :---: | :---: |
| Total non-duplicated number of <br> students** | 0 |  |
| Total number of credentials earned in <br> all clusters |  | 0 |

**Students may earn credentials in more than one Career Cluster

## Academy for Environmental Science

2016-2017
Grade Span 09-12

This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Mathematics - Course Participation

This table shows the number of students by grade that were enrolled in Mathematics courses by subject area. Students are counted more than once if they are enrolled in more than one math course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) math course by subject area.

| Grade | Algebra I | Geometry | Algebra II | Pre-Calculus | Calculus | Statistics | Other Math |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |  |
| 10 | N | N | N | N | N |  |  |
| 11 | N | N | N | N | N |  |  |
| 12 | N | N | N | N | N |  |  |
| Schoolwide | N | N | N | N | N | N | N |
| Enrolled in AP/IB Course |  |  |  | N | N |  |  |

## Science - Course Participation

This table shows the number of students by grade that were enrolled in Science courses by subject area. Students are counted more than once if they are enrolled in more than one science course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) science course by subject area.

| Grade | Biology | Chemistry | Earth and <br> Space Science | Environmental <br> Science | Physics | Other Science |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |
| 11 | N | N | N | N | N | N |
| 12 | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N |  | N | N | N |

## Academy for Environmental Science

2016-2017
Grade Span 09-12

This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Social Studies and History - Course Participation

This table shows the number of students by grade that were enrolled in Social Studies and History courses by subject area. Students are counted more than once if they are enrolled in more than one social studies or history course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) social studies or history course by subject area.

| Grade | World History | US History I \& II | Economics | Psychology | Sociology | Other Social <br> Studies or History |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N |  |
| 10 | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |
| 12 | N | N | N | N | N |  |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N | N | N | N | N |

## World Languages - Course Participation

This table shows the number of students by grade that were enrolled in World Languages courses by language. Students are counted more than once if they are enrolled in more than one language course. The bottom rows of the table show students enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) language course, students enrolled in a level 3 or higher language course (such as French III or IV), and the number of students that earned a Seal of Biliteracy by language.

| Grade | Spanish | French | Italian | Latin | German | Chinese | Other Languages |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |  |
| 10 | N | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |  |
| 12 | N | N | N | N | N | N |  |
| Schoolwide | N | N | N | N |  |  |  |
| Enrolled in AP/IB Course | N | N | N | N | N | N | N |
| Enrolled in Level 3 or Higher | N | N | N | N | N | N | N |
| Earned Seal of Biliteracy | N | N | N | N | N | N |  |

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## Visual and Performing Arts - Course Participation

The top graphs below show the percentages of students that were enrolled in any Visual and Performing Arts classes within the school and across the state. The graphs at the bottom of the page show the percentages of students enrolled in at least one course within each of the four arts disciplines within the school and across the state.

$$
\begin{aligned}
& \text { Grades 9-12: } \\
& \text { Students enrolled in one } \\
& \text { or more visual and } \\
& \text { performing arts classes }
\end{aligned}
$$



Students enrolled in one or more classes by discipline:


## Academy for Environmental Science <br> 2016-2017

This section contains information about graduation rates and dropout rates for students in grades 9-12. Graduation rates are calculated based on the adjusted cohort graduation rate calculation. You can find more about how these rates are calculated here.

## Graduation Rates

This table shows 4-year and 5-year Graduation Rates for the school and each student group with comparisons to statewide rates. Annual ESSA accountability targets for the Class of 2016 4-year rate and the Class of 2015 5-year rates are included with a flag for whether the school and each student group met those targets.

| Student Group | School Class of 2017: 4 Year Rate | State Class of 2017: 4 Year Rate | School Class of 2016: 5 Year Rate | State - <br> Class of 2016: 5 Year Rate | Class of 2016: 4 Year Rate | Class of 2016: 4 Year Target | Met Target? | $\begin{aligned} & \text { Class of } \\ & \text { 2015: } 5 \\ & \text { Year } \\ & \text { Rate } \end{aligned}$ | Class of 2015: 5 Year Target | Met Target? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | N | N | N | N | N | N | N |
| White | N | N | N | N | N | N | N | N | N | N |
| Hispanic | N | N | N | N | N | N | N | N | N | N |
| Black or African American | N | N | N | N | N | N | N | N | N | N |
| Asian, Native Hawaiian or Pacific Islander | N | N | N | N | N | N | N | N | N | N |
| American Indian or Alaska Native | N | N | N | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N | N | N | N |
| Homeless Students | N | N | N | N | N | N | N | N |  |  |

## Graduation Rate Trends

This table shows the 4-year and 5-year graduation rates by graduating class.

| Class of | 4-Year Rate | 5-Year Rate |
| :---: | :---: | :---: |
| 2017 | N | - |
| 2016 | N | N |
| 2015 | N | N |

## Dropout Rate Trends

This table shows the percentage of students in grades 9 12 that dropped out during each of the last three school years for the school and the state

| School Year | School Rate | State Rate |
| :---: | :---: | :---: |
| $2016-2017$ | N | N |
| $2015-2016$ | N | N |
| $2014-2015$ | N | N |

# Academy for Environmental Science <br> 2016-2017 

This section contains information about students enrolling in colleges and universities after graduation from high school. Postsecondary enrollment information is collected from the National Student Clearinghouse, which collects data from at least $95 \%$ of higher education institutions nationwide.

## Postsecondary Enrollment Rates: Fall

This table shows the enrollment rates of Class of 2017 high school graduates into 2-year or 4-year institutions the fall after high school graduation. The following columns show the percentage of these enrolled students by 2-year or 4 -year institution

| Student Group | \% Enrolled <br> in Any <br> Institution | \% Enrolled <br> in 2-Year <br> Institution | \% Enrolled <br> in 4-Year <br> Institution |
| :--- | :---: | :---: | :---: |
| Statewide | 71.1 | 29.5 | 70.5 |
| Schoolwide | N | N | N |
| White | N | N | N |
| Hispanic | N | N | N |
| Black or African American | N | N | N |
| Asian, Native Hawaiian, or <br> Pacific Islander | N | N | N |
| American Indian or Alaska <br> Native | N | N | N |
| Two or More Races | N | N | N |
| Economically Disadvantaged <br> Students | N | N | N |
| Students with Disabilities | N | N | N |
| English Learners |  |  | N |

## Postsecondary Enrollment Rates: 16 month

This table shows the enrollment rates of Class of 2016 high school graduates into 2 -year or 4 -year institutions 16 months after high school graduation for the school and each student group. The following columns show the percentage of these enrolled students by 2-year or 4-year institution, public or private institution, or in-state or out-of-state institution.

| Student Group | \% Enrolled in Any Institution | \% Enrolled in 2-Year Institution | \% Enrolled in 4-Year Institution | \% Enrolled in Public Institution | \% Enrolled in Private Institution | \% Enrolled in In-State Institution | \% Enrolled in Out-ofState Institution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statewide | 76.1\% | 33.6\% | 66.5\% | 73.6\% | 26.4\% | 65.5\% | 34.6\% |
| Schoolwide | N | N | N | N | N | N | N |
| White | N | N | N | N | N | N | N |
| Hispanic | N | N | N | N | N | N | N |
| Black or African American | N | N | N | N | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N |
| American Indian or Alaska Native | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N |

## Academy for Environmental Science <br> 2016-2017

This section shows information about student absences which provides important information about a school's culture and climate. In addition, research shows that student absences impact a child's ability to succeed in school. The New Jersey Department of Education selected chronic absenteeism as its measure of school quality and student success for the ESSA accountability plan. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.

## Chronic Absenteeism

This table shows the percentage of students in grades K-12 in the school and each student group who were chronically absent. This table also shows whether the school and each student group met the ESSA accountability targets for 201617.

| Student Group | \% Chronically <br> Absent | 2016-17 <br> Target | Met <br> 2016-17 <br> Target |
| :--- | :---: | :---: | :---: |
| Schoolwide | N | ${ }^{* *}$ | ${ }^{* *}$ |
| White | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Hispanic | N | ${ }^{* *}$ | $* *$ |
| Black or African American | N | ${ }^{* *}$ | $* *$ |
| Asian, Native Hawaiian, or <br> Pacific Islander | N | ${ }^{* *}$ | $* *$ |
| American Indian or Alaska Native | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Two or More Races | N | ${ }^{* *}$ | $* *$ |
| Economically Disadvantaged <br> Students | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Students with Disabilities | N | ${ }^{* *}$ | ${ }^{* *}$ |
| English Learners |  |  |  |

[^1]
## Days Absent

The graph displays the percentage of K-12 students schoolwide by the number of days they were absent during the school year. An absence is defined as being 'not present' and includes both excused and unexcused absences.


## Academy for Environmental Science <br> 2016-2017

27-3365-300 MORRIS

Grade Span 09-12

## MORRIS COUNTY VOCATIONAL <br> 1010 WELDON ROAD

 OAK RIDGE, NJ 07438
## Chronic Absenteeism by Grade

This graph shows the percentage of students in the school and across the state who were chronically absent for each grade level. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.


## Academy for Environmental Science <br> 2016-2017

## School Day

This table shows the start and end times and length of school day for a typical student at this school. Instructional time is the amount of time that a typical student was engaged in instructional activities under the supervision of a certified teacher.

| Category | School |
| :--- | :---: |
| Typical Start Time | $7: 45 \mathrm{AM}$ |
| Typical End Time | $2: 15 \mathrm{PM}$ |
| Length of School Day | 6 Hrs 30 Mins |
| Full Time - Instructional Time | 6 Hrs. 20 Mins. |
| Shared Time - Instructional Time | $*$ |

## Student Suspension Rate

This table shows the percentage of students who received one or more in-school suspensions, one or more out-of-school suspensions, and one or more suspensions of any type during the school year. Students receiving both in-school and out-of-school suspensions will be counted in all rows of the table. Students who received more than one suspension are counted only one time in each category below.

| Suspension Types | \% of Students |
| :--- | :---: |
| In-School Suspensions | $0.0 \%$ |
| Out-of-School Suspensions | $0.0 \%$ |
| Any Suspension | $0.0 \%$ |

## Violence, Vandalism, HIB, and Substance Offenses

This table shows the number of incidents reported by type. A single incident may be counted under multiple incident types. The total unique incidents provides a non-duplicated count of incidents. The final row shows a rate of incidents for every 100 students enrolled in the school.

| Incident Type | Number of Incidents |
| :--- | :---: |
| Violence | 0 |
| Vandalism | 0 |
| Weapons | 0 |
| Substances | 0 |
| Harassment, Intimidation, Bullying (HIB) | 0 |
| Total Unique Incidents | 0 |
| Incidents Per 100 Students Enrolled | 0.00 |

## Student Expulsions

This table shows the number of students who were expelled from the school during the school year. An expulsion is when a student is removed from a school and does not receive any further educational services during the school year.

| Category | Number of Students |
| :--- | :---: |
| Expulsions | 0 |

## Academy for Environmental Science

2016-2017
Grade Span 09-12

## Technology Readiness

This table shows information that was collected through the optional NJTRAx survey to determine a school's technology readiness. The student to device ratio shows the number of students for every computer or tablet in the school. The internet speed is the internet bandwidth per 1000 students enrolled in the district measured in megabits per second. The connectivity between schools is a school's LAN network architecture. The NJTRAx survey is optional for schools, so data may not be available for all schools. Additionally, schools that have adopted a Bring Your Own Device (BYOD) policy may have appear to have a very low Student to Device ratio due to this policy decision.

| School Year | Student to Device Ratio Internet Speed | Recommended <br> Internet Speed | Met <br> Recommended <br> Speed? | Connectivity <br> between <br> Schools | Recommended <br> Connectivity | Met <br> Recommended <br> Connectivity? |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2016-17$ | N | 767.8 kbps | 100 kbps | Yes | Fiber | Fiber | Yes |

## Per-Pupil Expenditures (District Level)

This table shows the total current expenses for regular and special education students taught within the district's schools. It includes expenditures for instruction, support services, administration, operations and maintenance, extra-curricular activities, and community service. More information about district and charter school spending can be found using districts' User Friendly Budgets, or the NJDOE Finance District Report Search of the Comprehensive Annual Financial Reports (CAFRs) and Auditor's Management Reports (AMRs).

| Per-Pupil Expenditures | Federal | State/ <br> Local | Total |
| :--- | :---: | :---: | :---: |
| District Total (2015-2016) | $\$ 919$ | $\$ 15,739$ | $\$ 16,658$ |

## Academy for Environmental Science <br> 2016-2017

Grade Span 09-12

This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers - Experience

This table shows information about experience for teachers assigned to this school and across the state.

| Category | Teachers <br> in School | Teachers <br> in State |
| :--- | :---: | :---: |
| Total Number of teachers | N | 120,724 |
| Average years experience in <br> public schools | N | 11.8 |
| Average years experience in <br> district | N | 10.5 |
| Teachers in district for 4 or more <br> years | N | $74 \%$ |

## Administrators - Experience (District Level)

This table shows information about experience for administrators assigned to this district and across the state.

| Category | Admin. in <br> District | Admin. in <br> State |
| :--- | :---: | :---: |
| Total Number of administrators | 9 | 9,506 |
| Average years experience in public <br> schools | 15.6 | 15.9 |
| Average years experience in district | 6.2 | 11.6 |
| Administrators in district for 4 or <br> more years | $78 \%$ | $74 \%$ |

## Student to Staff Ratios

This table shows the number of students per staff member in the school and district. Ratios for librarians, nurses, counselors, and child study team members are only reported at the district level because many staff in these jobs are assigned only to the district and not to individual schools.

| Staff Type | School <br> Students: <br> Staff | District <br> Students: <br> Staff |
| :--- | :---: | :---: |
| Teachers | N | $14: 1$ |
| Administrators | N | $116: 1$ |
| Librarian/Media <br> Specialists |  | $1042: 1$ |
| Nurses |  | $521: 1$ |
| Counselors |  | $261: 1$ |
| Child Study Team |  | $347: 1$ |

## Academy for Environmental Science <br> 2016-2017

This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

Teachers and Administrators - Level of Education
This chart shows the highest level of education attained by the teachers and administrators at this school. The Bachelor's category may include other degrees/certificates such as a Specialist's degree. Administrators are required to have a Master's degree or higher.

## Bachelor's Degree

Teacher N
Admin $\quad \mathrm{N} / \mathrm{A}$

## Master's Degree

Teacher N
Admin $\quad \mathrm{N}$
Doctoral Degree
Teacher N
Admin N

## Teachers and Administrators - One-Year Retention (District Level)

This table shows the percentage of teachers and administrators assigned to the district in 2015-16 that were still assigned to the district in 2016-17. Staff who are not retained may have changed districts or no longer work for the state (including retirements).

| Job Type | District | State |
| :---: | :---: | :---: |
| 2015-16 Teachers: Same district 2016-17 | $85 \%$ | $89 \%$ |
| 2015-16 Administrators: Same district 2016-17 | $89 \%$ | $88 \%$ |

## Faculty Attendance

This table shows the percentage of days that school faculty members were present during the school year. Approved professional days, personal days, staff training days, bereavement days, jury duty, and absences due to extended illness are not counted against days present, and faculty members on long-term leave or disability are excluded from this calculation.

| School Year | \% Days Present |
| :---: | :---: |
| $2016-17$ | $100 \%$ |

# Academy for Environmental Science <br> 2016-2017 

## Grade Span 09-12

## Accountability Indicator Scores and Summative Rating

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of comprehensive support. This table shows the indicator scores for each indicator included in the accountability system and the weights that each indicator receives when calculating the overall Summative Score. The Summative Rating is the percentile rank of the Summative Score as compared to other schools across the state. Schools with a summative rating below the 5 th percentile or high schools with a 4 -year graduation rate that is less than or equal to $67 \%$ are identified for Comprehensive Support. For more information about New Jersey's accountability system and how these indicator scores were calculated, see these accountability resources.

| Accountability Indicator | Indicator Score | Indicator Weight |
| :---: | :---: | :---: |
| English Language Arts Proficiency | N | N |
| Mathematics Proficiency | N | N |
| Graduation - 4-Year | N | N |
| Graduation - 5-Year | N | N |
| Chronic Absenteeism | N | N |
| Progress Towards English Language Proficiency (coming 2018) | ח< | पח |
| Summative Score: Sum of all indicator scores multiplied by indicator weights | N | N |
| Summative Rating: Percentile rank of Summative Score | N | N |
| Requires Comprehensive Support: Summative Rating is less than or equal to 5th percentile | N | N |
| Requires Comprehensive Support: 4-year Graduation Rate less than or equal to 67\% | N | N |

[^2]$\dagger$ Indicator weights for this school were adjusted due to data availability.

# Academy for Environmental Science <br> 2016-2017 

Grade Span 09-12

## Accountability Summary by Student Group

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of Targeted Support. Any student group where the summative score would be in the bottom $5 \%$ of schools (see previous page) is identified for Targeted Support for a Low-Performing Student Group. If any student group is identified for Targeted Support, this will be noted in the Schoolwide row in the table. Schools in which one or more student groups miss annual targets for all indicators two years in a row are identified for Targeted Support for a Consistently Underperforming Student Group. In the table below, schools in which one or more student groups miss annual targets for all indicators are noted to be At Risk for being identified for Targeted Support for the 2017-18 school year. Annual targets for proficiency and graduation rate are set based on a school or student group's performance in 2015-16. The target for chronic absenteeism is the statewide average for all students. For more details on accountability targets, see these accountability resources.

| Student Group | Summative Score | Cut-off Score for Targeted Support and Improvement | Requires Targeted Support and Improvement for 2016-17 | English Language Arts Proficiency | Mathematics Proficiency | Chronic Absenteeism | Graduation Rate - 4-Year | Graduation Rate - 5-Year | At Risk for Consistently Underperformi ng Student Group |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | N | N | N | N | N | N |
| White | N | N | N | N | N | N | N | N | N |
| Hispanic | N | N | N | N | N | N | N | N | N |
| Black or African American | N | N | N | N | N | N | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N | N | N |
| American Indian or Alaska Native | N | N | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N | N | N |

[^3]$\dagger$ Target was met within a confidence interval.

## School General Info

| School General Info |  |  |  |
| :---: | :---: | :---: | :---: |
| Principal: | Mrs. Castelli | Email Address: | castellis@mcvts.org |
| Address: | 1010 WELDON ROAD OAK RIDGE, NJ 07438 | Website: | www.mevts.org |
| Phone: | (973)697-3535 |  |  |

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.

| Highlights: | - Students do research and check water quality for the Lake Hopatcong Foundation and Rockaway River Watershed <br> Cabinet. |
| :--- | :--- |
|  | The mission of the Morris County Vocational School District is to provide vocational and enrichment programs that <br> inspire and prepare students to succeed in today's world and pursue tomorrow's opportunities. |
| Mission, Vision, |  |

## Academy for Environmental Science

2016-2017
Grade Span 09-12

27-3365-300 MORRIS

## MORRIS COUNTY VOCATIONAL

 1010 WELDON ROAD OAK RIDGE, NJ 07438
## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.


The Academy for Environmental Science was founded in 2016 as a collaborative effort between Morris County Vocational School District and Jefferson Township School District and is located at Jefferson Township High School in Jefferson, New Jersey. Students in the program complete a four-year Career and Technical (CTE) program in topics related to environmental science and sustainability studies. Students in the Academy for Environmental Science have the opportunity to attend summer programs focused on environmental education. The academy also has numerous partners such as the Lake Hopatcong Foundation and the Rockaway River Watershed Cabinet who provide students with the opportunities to monitor the water quality in local streams and lakes. Students are also a part of local environmental education efforts targeting elementary school students and local boaters. While this academy is relatively new, students have had the opportunity to conduct field work alongside Kean University professors and even develop proposals to address local environmental issues. Last spring, Academy for Environmental Science students held an Environmental Summit at Jefferson Township Middle School. Students of the academy may participate in cocurricular programs at Jefferson Township High School which include numerous interscholastic athletic teams and a large variety of student activities and clubs. Please visit the Jefferson Township High School website at https://www.jefftwp.org/HighSchool for more detailed information.

## Academy for Law and Public Safety

2016-2017
Grade Span 09-12

27-3365-010 MORRIS
MORRIS COUNTY VOCATIONAL
BUTLER HIGH SCHOOL ANNEX
BARTHOLDI AVENUE BUTLER, NJ 07405

The 2016-17 School Performance Reports are designed to share school and district information collected by the New Jersey Department of Education directly with parents, educators, and communities. The Department believes that the greatest potential to improve school performance and student outcomes is through parents, educators, and community members working together. These reports seek to make that process easier by providing information that can help people to:

- Learn more: The School Performance Reports contain a wealth of data, going far beyond a school's test scores to include information about the staff working in a school, student discipline rates, and the sports and clubs offered.
- Ask questions: These reports can help start a conversation, but they cannot answer all the questions you might have about schools in your community. Use the contact information provided to engage with faculty and administrators at your schools to ask about the data you see in these reports.
- Get involved: Schools need help from parents and communities to help students succeed. Contact your school to find out about school board meetings or parent and community groups.


## Navigating through the reports:

- Download this report to a PDF by clicking the icon at the top of the page.
- Search for specific text or words in these reports by using the search box at the top of the page.
- The menu bar at the top of the page or the table of contents at the left of the screen can be used to move between sections of the report.
- The arrow buttons at the top left of the screen can be used to move between pages of the report.


## Other Resources:

- Review the Parent Summary Report or the district-level report for this school.
- For more detailed information about the data in these reports, where it comes from, and how to use it: Reference Guide or Interpretive Video.
- Download the data used in these reports.
- Want to give us feedback? Take our feedback survey: surveylink
- Questions about the reports? Contact us at reportcard@doe.nj.gov


## Footnotes

1. An "*" indicates that data is not displayed to protect student privacy; " N " indicates no data is available to display.
2. ** ESSA accountability targets are only included if data is available for at least 20 students.

Note: Additional footnotes may exist within the reports specific to certain data tables. In those instances, the footnotes will be displayed below the applicable table.

## Academy for Law and Public Safety 2016-2017

Grade Span 09-12
27-3365-010
MORRIS
MORRIS COUNTY VOCATIONAL BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE

## Enrollment Trends by Grade

This table shows the number of students enrolled by grade for the past three school years. Ungraded students are students who are "on roll" but are educated in ungraded classrooms.

| Grade | $2014-15$ | $2015-16$ | $2016-17$ |
| :---: | :---: | :---: | :---: |
| 9 | 22 | 0 | 0 |
| 10 | 15 | 19 | 0 |
| 11 | 14 | 13 | 18 |
| 12 | 11 | 14 | 13 |
| Ungraded | 0 | 0 | 0 |
| Total | 62 | 46 | 31 |

## Enrollment Trends by Student Group

This table shows the percentage of students by student group for the past three school years. Data for some student groups was not available before 2016-17.

| Student Group | $2014-15$ | $2015-16$ | $2016-17$ |
| :--- | :---: | :---: | :---: |
| Female | $52 \%$ | $52 \%$ | $58 \%$ |
| Male | $48 \%$ | $48 \%$ | $42 \%$ |
| Economically <br> Disadvantaged Students | $0 \%$ | $0 \%$ | $0 \%$ |
| Students with Disabilities | $0 \%$ | $0 \%$ | $3 \%$ |
| English Learners | $0 \%$ | $0 \%$ | $0 \%$ |
| Homeless Students |  |  | $0 \%$ |
| Students in Foster Care |  |  | $0 \%$ |
| Military-Connected Students |  |  | $0 \%$ |
| Migrant Students |  |  | $0 \%$ |

## Enrollment Trends by Full and Shared Time

This table shows the number of full and shared time students. The full time equivalent is the number of full time students plus half the number of shared time students.

| Enrollment Status | $2016-17$ |
| :--- | :---: |
| Full Time Students | 31 |
| Shared Time Students | 0 |
| Full Time Equivalent | 31 |

## Enrollment by Home Language

This table shows the percentage of students by primary home language. Only the top 5 languages with at least $1 \%$ of students are shown. All other students are included in Other Languages.

| Home Language | \% of Students |
| :---: | ---: |
| English | $100.0 \%$ |

Academy for Law and Public Safety 2016-2017

## Grade Span 09-12

27-3365-010 BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE BUTLER, NJ 07405

## English Language Arts/Literacy Assessment - Participation and Performance

This table shows information about the English Language Arts/Literacy section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | N | N | N | N |  |
| White | N | N | N | N | N | N | N |  |
| Hispanic | N | N | N | N | N | N | N |  |
| Black or African American | N | N | N | N | N | N | N |  |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N |  |
| American Indian or Alaska Native | N | N | N | N | N | N | N |  |
| Two or More Races | N | N | N | N | N | N | N |  |
| Female | N | N | N | N | N | N | N |  |
| Male | N | N | N | N | N | N | N |  |
| Economically Disadvantaged Students | N | N | N | N | N | N | N |  |
| Non-Economically Disadvantaged Students | N | N | N | N | N | N | N |  |
| Students with Disabilities | N | N | N | N | N | N | N |  |
| Students without Disabilities | N | N | N | N | N | N | N |  |
| English Learners | N | N | N | N | N | N | N |  |
| Non-English Learners | N | N | N | N | N | N | N |  |
| Homeless Students | N | N | N | N | N | N | N |  |
| Students In Foster Care | N | N | N | N | N | N | N |  |
| Military-Connected Students | N | N | N | N | N | N | N |  |
| Migrant Students | N | N | N | N | N | N | N |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Academy for Law and Public Safety

2016-2017
Grade Span 09-12
27-3365-010

English Language Arts/Literacy Assessment - Performance by Grade: Grade 9
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | $\begin{gathered} \text { State Mean } \\ \text { Scale } \\ \text { Score } \end{gathered}$ | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 749 | N | N | N | N | N | N | 52\% |
| White | N | N | N | 757 | N | N | N | N | N | N | 62\% |
| Hispanic | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Black or African American | N | N | N | 730 | N | N | N | N | N | N | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 777 | N | N | N | N | N | N | 80\% |
| American Indian or Alaska Native | N | N | N | 745 | N | N | N | N | N | N | 49\% |
| Two or More Races | N | N | N | 746 | N | N | N | N | N | N | 48\% |
| Female | N | N | N | 756 | N | N | N | N | N | N | 60\% |
| Male | N | N | N | 741 | N | N | N | N | N | N | 43\% |
| Economically Disadvantaged Students | N | N | N | 731 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | N | N | N | 758 | N | N | N | N | N | N | 62\% |
| Students with Disabilities | N | N | N | 714 | N | N | N | N | N | N | 13\% |
| Students without Disabilities | N | N | N | 754 | N | N | N | N | N | N | 58\% |
| English Learners | N | N | N | 690 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 752 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 719 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 718 | N | N | N | N | N | N | 21\% |
| Military-Connected Students | N | N | N | 746 | N | N | N | N | N | N | 45\% |
| Migrant Students | N | N | N | 705 | N | N | N | N | N | N | * |

## Academy for Law and Public Safety

## English Language Arts/Literacy Assessment - Performance by Grade: Grade 10

This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 743 | N | N | N | N | N | N | 46\% |
| White | N | N | N | 749 | N | N | N | N | N | N | 52\% |
| Hispanic | N | N | N | 728 | N | N | N | N | N | N | 34\% |
| Black or African American | N | N | N | 725 | N | N | N | N | N | N | 31\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 774 | N | N | N | N | N | N | 74\% |
| American Indian or Alaska Native | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Two or More Races | N | N | N | 737 | N | N | N | N | N | N | 42\% |
| Female | N | N | N | 752 | N | N | N | N | N | N | 54\% |
| Male | N | N | N | 734 | N | N | N | N | N | N | 39\% |
| Economically Disadvantaged Students | N | N | N | 726 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | N | N | N | 751 | N | N | N | N | N | N | 54\% |
| Students with Disabilities | N | N | N | 704 | N | N | N | N | N | N | 12\% |
| Students without Disabilities | N | N | N | 749 | N | N | N | N | N | N | 52\% |
| English Learners | N | N | N | 681 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 745 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 710 | N | N | N | N | N | N | 20\% |
| Military-Connected Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Migrant Students | N | N | N | 694 | N | N | N | N | N | N | * |

## Academy for Law and Public Safety

2016-2017
Grade Span 09-12

27-3365-010

English Language Arts/Literacy Assessment - Performance by Grade: Grade 11**
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: <br> Partially Met <br> Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 18 | 783 | 772 | 736 | * | * | * | 72\% | * | 100\% | 38\% |
| White | 14 | 786 | 769 | 738 | 0\% | 0\% | 0\% | * | * | 100\% | 40\% |
| Hispanic | * | * | * | 731 | * | * | * | * | * | * | 34\% |
| Black or African American | * | * | * | 728 | * | * | * | * | * | * | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | 756 | * | * | * | * | * | * | 58\% |
| American Indian or Alaska Native | N | N | N | 731 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 731 | N | N | N | N | N | N | 36\% |
| Female | * | * | * | 744 | * | * | * | * | * | * | 46\% |
| Male | * | * | * | 729 | * | * | * | * | * | * | 31\% |
| Economically Disadvantaged Students | * | * | * | 729 | * | * | * | * | * | * | 32\% |
| Non-Economically Disadvantaged Students | * | * | * | 740 | * | * | * | * | * | * | 42\% |
| Students with Disabilities | * | * | * | 709 | * | * | * | * | * | * | 12\% |
| Students without Disabilities | * | * | * | 741 | * | * | * | * | * | * | 43\% |
| English Learners | N | N | N | 699 | N | N | N | N | N | N | * |
| Non-English Learners | 18 | 783 | 772 | 737 | * | * | * | 72\% | * | 100\% | * |
| Homeless Students | N | N | N | 722 | N | N | N | N | N | N | 24\% |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | 19\% |
| Military-Connected Students | N | N | N | 723 | N | N | N | N | N | N | 24\% |
| Migrant Students | N | N | N | 713 | N | N | N | N | N | N | 26\% |

## English Language Arts/Literacy Assessment - Performance Trends

This graph shows the percentage of students who met or exceeded expectations for the past three years.


[^4]
## Academy for Law and Public Safety

2016-2017
Grade Span 09-12
27-3365-010

## Mathematics Assessment - Participation and Performance





 these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | N | N | N | N |  |
| White | N | N | N | N | N | N | N |  |
| Hispanic | N | N | N | N | N | N | N |  |
| Black or African American | N | N | N | N | N | N | N |  |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N |  |
| American Indian or Alaska Native | N | N | N | N | N | N | N |  |
| Two or More Races | N | N | N | N | N | N | N |  |
| Female | N | N | N | N | N | N | N |  |
| Male | N | N | N | N | N | N | N |  |
| Economically Disadvantaged Students | N | N | N | N | N | N | N |  |
| Non-Economically Disadvantaged Students | N | N | N | N | N | N | N |  |
| Students with Disabilities | N | N | N | N | N | N | N |  |
| Students without Disabilities | N | N | N | N | N | N | N |  |
| English Learners | N | N | N | N | N | N | N |  |
| Non-English Learners | N | N | N | N | N | N | N |  |
| Homeless Students | N | N | N | N | N | N | N |  |
| Students In Foster Care | N | N | N | N | N | N | N |  |
| Military-Connected Students | N | N | N | N | N | N | N |  |
| Migrant Students | N | N | N | N | N | N | N |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Academy for Law and Public Safety

## Mathematics Assessment - Performance by Test: Algebra I


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 743 | N | N | N | N | N | N | 42\% |
| White | N | N | N | 751 | N | N | N | N | N | N | 52\% |
| Hispanic | N | N | N | 728 | N | N | N | N | N | N | 24\% |
| Black or African American | N | N | N | 724 | N | N | N | N | N | N | 19\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 774 | N | N | N | N | N | N | 76\% |
| American Indian or Alaska Native | N | N | N | 736 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 741 | N | N | N | N | N | N | 41\% |
| Female | N | N | N | 744 | N | N | N | N | N | N | 43\% |
| Male | N | N | N | 741 | N | N | N | N | N | N | 40\% |
| Economically Disadvantaged Students | N | N | N | 727 | N | N | N | N | N | N | 23\% |
| Non-Economically Disadvantaged Students | N | N | N | 751 | N | N | N | N | N | N | 52\% |
| Students with Disabilities | N | N | N | 714 | N | N | N | N | N | N | 10\% |
| Students without Disabilities | N | N | N | 747 | N | N | N | N | N | N | 47\% |
| English Learners | N | N | N | 708 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 745 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 718 | N | N | N | N | N | N | 13\% |
| Students in Foster Care | N | N | N | 711 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 742 | N | N | N | N | N | N | 37\% |
| Migrant Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |

## Academy for Law and Public Safety

2016-2017
Grade Span 09-12

## Mathematics Assessment - Performance by Test: Geometry


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | $\begin{aligned} & \text { State Mean } \\ & \text { Scale } \\ & \text { Score } \end{aligned}$ | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 734 | N | N | N | N | N | N | 30\% |
| White | N | N | N | 740 | N | N | N | N | N | N | 38\% |
| Hispanic | N | N | N | 722 | N | N | N | N | N | N | 14\% |
| Black or African American | N | N | N | 719 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 758 | N | N | N | N | N | N | 65\% |
| American Indian or Alaska Native | N | N | N | 730 | N | N | N | N | N | N | 29\% |
| Two or More Races | N | N | N | 733 | N | N | N | N | N | N | 32\% |
| Female | N | N | N | 735 | N | N | N | N | N | N | 31\% |
| Male | N | N | N | 733 | N | N | N | N | N | N | 30\% |
| Economically Disadvantaged Students | N | N | N | 721 | N | N | N | N | N | N | 13\% |
| Non-Economically Disadvantaged Students | N | N | N | 740 | N | N | N | N | N | N | 39\% |
| Students with Disabilities | N | N | N | 711 | N | N | N | N | N | N | * |
| Students without Disabilities | N | N | N | 738 | N | N | N | N | N | N | * |
| English Learners | N | N | N | 710 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 735 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 717 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 727 | N | N | N | N | N | N | 15\% |
| Migrant Students | N | N | N | 704 | N | N | N | N | N | N | * |

NJ SCHOOL
PERFORMANCE REPORT

## Academy for Law and Public Safety

2016-2017
Grade Span 09-12

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MORRIS COUNTY VOCATIONAL BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE BUTLER, NJ 07405

## Mathematics Assessment - Performance by Test: Algebra II


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 10 | 728 | 746 | 725 | * | * | * | * | 0\% | 20\% | 28\% |
| White | * | * | * | 731 | * | * | * | * | * | * | 33\% |
| Hispanic | * | * | * | 710 | * | * | * | * | * | * | 14\% |
| Black or African American | N | N | N | 703 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | 761 | * | * | * | * | * | * | 62\% |
| American Indian or Alaska Native | N | N | N | 715 | N | N | N | N | N | N | 20\% |
| Two or More Races | N | N | N | 718 | N | N | N | N | N | N | 25\% |
| Female | * | * | * | 725 | * | * | * | * | * | * | 27\% |
| Male | * | * | * | 725 | * | * | * | * | * | * | 29\% |
| Economically Disadvantaged Students | * | * | * | 708 | * | * | * | * | * | * | 13\% |
| Non-Economically Disadvantaged Students | * | * | * | 733 | * | * | * | * | * | * | 35\% |
| Students with Disabilities | N | N | N | 692 | N | N | N | N | N | N | * |
| Students without Disabilities | 10 | 728 | * | 729 | * | * | * | * | 0\% | 20\% | * |
| English Learners | N | N | N | 692 | N | N | N | N | N | N | * |
| Non-English Learners | 10 | 728 | 746 | 726 | * | * | * | * | 0\% | 20\% | * |
| Homeless Students | N | N | N | 702 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 692 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Migrant Students | N | N | N | 702 | N | N | N | N | N | N | 14\% |

## Mathematics Assessment - Performance Trends

This graph shows the percentage of students who met or exceeded expectations for the past three years.


Demographic

## Academy for Law and Public Safety

2016-2017

Alternate Assessments - Participation
This table shows the number of students taking the Dynamic Learning Maps Alternate Assessment, which tests academic progress in English Language Arts (ELA) and Mathematics for students with different types of significant cognitive disabilities.

| Grade | ELA: <br> \# Students Tested | Math: <br> \# Students Tested |
| :---: | :---: | :---: |
| 9 | N | N |
| 10 | N | N |
| 11 | N | N |

## English Language Proficiency Test - Participation and Performance

This table shows, by years in district, the number of English learner students taking the ACCESS for ELLs 2.0 Assessment for English language proficiency. The table also shows the percentage of students tested that received an overall score of 4.5 or above. Students must receive a score of 4.5 or higher to be considered for proficient status.

Years in District $\left.$\begin{tabular}{c|c|c|c|}
\# Students <br>
Tested

 

\% Students with <br>
Overall Score <br>
Below 4.5

 

\% Students with <br>
Overall Score of <br>
4.5 and above

 \right\rvert\, 

\hline 1 \& N \& N <br>
\hline 2 \& N \& N <br>
\hline 3 \& N \& N <br>
\hline 4 \& N \& N <br>
\hline $5+$ \& N \& N <br>
\hline
\end{tabular}

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 assessment has three proficiency categories. Students performing at "Proficient" and "Advanced Proficient" have demonstrated readiness for the next grade-level/course.

## Biology Assessment - Performance

This table shows the percentage of students in each proficiency category for the school and each student group and also provides a comparison to the statewide percentages.

| Student Group | \% Advanced <br> Proficient | \% Proficient | \% Partially <br> Proficient |
| :--- | :---: | :---: | :---: |
| Statewide | $16 \%$ | $42 \%$ | $42 \%$ |
| Schoolwide | N | N | N |
| White | N | N | N |
| Hispanic | N | N | N |
| Black or African American | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N |
| American Indian or Alaska Native | N | N | N |
| Two or More Races | N | N | N |
| Economically Disadvantaged Students | N | N | N |
| Students with Disabilities | N | N | N |
| English Learners | N | N | N |

## Biology Assessment - Proficiency Trends

This graph displays the percentage of students by proficiency category for the past three schoo years.


## Academy for Law and Public Safety

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This section contains information about participation and performance on college entrance examinations. For more information about how participation and performance on the PSAT, SAT, and ACT tests are calculated and how these calculations account for recent changes to the SAT test, please see our Reference Guide.

## PSAT/SAT/ACT - Participation

This table shows the percentage of 10th and 11th graders that took the PSAT 10 or PSAT NMSQT exams in 2016-17. This table also shows the percentage of 12th graders that have taken the SAT or ACT this year or in prior years.

| Test | $\%$ of <br> Students in <br> School | $\%$ of <br> Students in <br> State |
| :--- | :---: | :---: |
| Percentage of students taking the PSAT | $77.8 \%$ | $89.4 \%$ |
| Percentage of students taking the SAT | $92.3 \%$ | $70.0 \%$ |
| Percentage of students taking the ACT | N | $28.3 \%$ |

## PSAT/SAT/ACT - Performance

This table shows the average test score, based on highest scoring test, for the PSAT, SAT, and ACT tests by subject area for students in the school and across the state. This table also shows the percentage of students at or above College Readiness Benchmarks for each test. Students that score at or above these benchmarks have a high chance of success in credit-bearing college courses.

| Test | School <br> Average <br> Score | State <br> Average <br> Score | College <br> Readiness <br> Benchmarks | School - \% of <br> Students <br> scoring at or <br> above <br> Benchmark | State - \% of <br> Students <br> scoring at or <br> above <br> Benchmark |
| :--- | :---: | :---: | :---: | :---: | :---: |
| PSAT - Reading and <br> Writing | 557 | 481 | Varies By <br> Grade | $100 \%$ | $67 \%$ |
| PSAT - Math | 536 | 483 | Varies By <br> Grade | $57 \%$ | $49 \%$ |
| SAT - Reading and <br> Writing | 632 | 551 | 480 | $100 \%$ | $77 \%$ |
| SAT - Math | 587 | 552 | 530 | $83 \%$ | $58 \%$ |
| ACT - Reading | N | 24 | N | N | $65 \%$ |
| ACT - English | N | 24 | N | N | $79 \%$ |
| ACT - Math | N | 24 | N | N | $65 \%$ |
| ACT - Science | N | 23 | N | N | $54 \%$ |

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Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are participating in advanced course work such as Advanced Placement (AP) or International Baccalaureate (IB) courses and exams and dual enrollment courses where high school students can enroll in college courses for credit.

## AP/IB Coursework - Participation and Performance

This chart shows the percentage of students out of all 11th and 12th grade students in the school and across the state, who enrolled in one or more AP or IB course, the percentage that took one or more AP or IB exam, and the percentage of students taking one or more exams who received at least one score of at least 3 on AP exams or 4 on IB exams.


## Dual Enrollment Coursework - Participation

This graph shows the percentage students enrolled in at least one dual enrollment course in the school and across the state. Dual enrollment courses allow high school students to enroll in college courses for credit prior to their high school graduation.

## AP/ IB Courses Offered

This table shows the students enrolled in AP/IB courses and the corresponding exams that were taken. Students do not need to take a course to take the exam and not all students enrolled in a course take the exam. The last two rows show the total number of exams taken and the number of exams with scores of at least 3 on AP exams or 4 on IB exams. In the last two rows, students taking multiple exams are counted more than once.

| AP/IB Course | Students Enrolled | Students Tested |
| :--- | :---: | :---: |
| AP Biology | 1 | 1 |
| AP Calculus AB | 1 | 1 |
| AP English Language and Composition | 3 | 3 |
| AP English Literature and Composition | 1 | 1 |
| AP Psychology | 2 | 2 |
| AP Statistics | 0 | 5 |
| AP U.S. History | 3 | 3 |
| Total Exams Taken |  | 16 |
| Exams with scores of at least 3 on AP exams or 4 on <br> IB exams |  | 11 |


| Students enrolled in one <br> or more dual enrollment <br> course | School | N |
| :--- | :--- | :--- | :--- |
|  |  |  |

This section contains information about participation in approved Career and Technical Education (CTE) programs and Structured Learning Experiences. For more information about CTE in New Jersey, please visit http://www.nj.gov/education/cte/.
Career and Technical Education Participation

The chart below shows the percentage of students within the school and state who were enrolled in courses in approved Career and Technical Education (CTE) programs. Students enrolled in shared-time CTE programs in a county vocational school district are included in both the county vocational school and their sending school.

## CTE Participants

(completed only one course in an approved CTE program)

| School | $0.0 \%$ |
| :--- | ---: |
| State | $7.6 \%$ |

## CTE Concentrators

(completed two or more courses in a single approved CTE program and/or completed the entire CTE program)


## Structured Learning Experiences Participation

The graph below displays the percentage of students within the school and state who participated in Structured Learning Experiences (SLEs). SLEs can include work-based learning programs, internships, apprenticeships, and service learning experiences and can be paid or unpaid.

Structured Learning Experiences


## Industry-Valued Credentials Earned

This table shows the number of students that earned at least one industryvalued credential and the number of credentials earned in each Career Cluster® and overall for the 2016-17 school year. Students earning credentials in more than one Career Cluster are counted in multiple rows. Students earning multiple credentials in one Career Cluster are counted more than once in the Industry credentials total.

| Career Cluster | Students with at <br> least one <br> credential earned | Industry <br> credentials earned |
| :--- | :---: | :---: |
| Total non-duplicated number of <br> students** | 0 |  |
| Total number of credentials earned in <br> all clusters |  | 0 |

**Students may earn credentials in more than one Career Cluster

## Academy for Law and Public Safety

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This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Mathematics - Course Participation

This table shows the number of students by grade that were enrolled in Mathematics courses by subject area. Students are counted more than once if they are enrolled in more than one math course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) math course by subject area.

| Grade | Algebra I | Geometry | Algebra II | Pre-Calculus | Calculus | Statistics | Other Math |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |  |
| 12 | N | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N | N |
| Enrolled in AP/IB Course |  |  |  |  | N | N | N |

## Science - Course Participation

This table shows the number of students by grade that were enrolled in Science courses by subject area. Students are counted more than once if they are enrolled in more than one science course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) science course by subject area.

| Grade | Biology | Chemistry | Earth and <br> Space Science | Environmental <br> Science | Physics | Other Science |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |
| 11 | N | N | N | N | N | N |
| 12 | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N |  | N | N | N |

## Academy for Law and Public Safety <br> 2016-2017

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27-3365-010
MORRIS
MORRIS COUNTY VOCATIONAL BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE

This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Social Studies and History - Course Participation

This table shows the number of students by grade that were enrolled in Social Studies and History courses by subject area. Students are counted more than once if they are enrolled in more than one social studies or history course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) social studies or history course by subject area.

| Grade | World History | US History I \& II | Economics | Psychology | Sociology | Other Social <br> Studies or History |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |
| 11 | N | N | N | N | N | N |
| 12 | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N | N | N | N | N |

## World Languages - Course Participation

This table shows the number of students by grade that were enrolled in World Languages courses by language. Students are counted more than once if they are enrolled in more than one language course. The bottom rows of the table show students enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) language course, students enrolled in a level 3 or higher language course (such as French III or IV), and the number of students that earned a Seal of Biliteracy by language.

| Grade | Spanish | French | Italian | Latin | German | Chinese | Other Languages |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N | N |
| 11 | N | N | N | N | N | N | N |
| 12 | N | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N | N | N | N | N | N |
| Enrolled in Level 3 or Higher | N | N | N | N | N | N | N |
| Earned Seal of Biliteracy | N | N | N | N | N | N | N |

## Visual and Performing Arts - Course Participation

The top graphs below show the percentages of students that were enrolled in any Visual and Performing Arts classes within the school and across the state. The graphs at the bottom of the page show the percentages of students enrolled in at least one course within each of the four arts disciplines within the school and across the state.

$$
\begin{aligned}
& \text { Grades 9-12: } \\
& \text { Students enrolled in one } \\
& \text { or more visual and } \\
& \text { performing arts classes }
\end{aligned}
$$

$0 \%$

School


Students enrolled in one or more classes by discipline:


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This section contains information about graduation rates and dropout rates for students in grades 9-12. Graduation rates are calculated based on the adjusted cohort graduation rate calculation. You can find more about how these rates are calculated here.

## Graduation Rates

This table shows 4-year and 5-year Graduation Rates for the school and each student group with comparisons to statewide rates. Annual ESSA accountability targets for the Class of 2016 4-year rate and the Class of 2015 5-year rates are included with a flag for whether the school and each student group met those targets.

| Student Group | School - <br> Class of 2017: 4 Year Rate | State Class of 2017: 4 Year Rate | School - <br> Class of 2016: 5 Year Rate | State - <br> Class of 2016: 5 Year Rate | $\begin{gathered} \text { Class of } \\ \text { 2016: } 4 \\ \text { Year } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Class of } \\ & \text { 2016: } 4 \\ & \text { Year } \\ & \text { Target } \end{aligned}$ | Met Target? | Class of 2015: 5 Year Rate | Class of 2015: 5 Year Target | Met Target? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 92.9\% | 90.5\% | 100.0\% | 91.8\% | 100.0\% | * | N | 100.0\% | ** | ** |
| White | 90.9\% | 94.5\% | * | 95.1\% | * | * | N | * | ** | ** |
| Hispanic | * | 84.3\% | * | 86.3\% | * | * | N | * | ** | ** |
| Black or African American | N | 83.4\% | N | 85.3\% | N | N | N | * | ** | ** |
| Asian, Native Hawaiian or Pacific Islander | * | 96.6\% | N | 97.5\% | N | N | N | N | N | N |
| American Indian or Alaska Native | N | 92.3\% | N | 86.6\% | N | N | N | N | N | N |
| Two or More Races | N | 91.9\% | N | 93.7\% | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | 83.9\% | N | 85.6\% | N | N | N | N | N | N |
| Students with Disabilities | N | 78.8\% | N | 82.1\% | N | N | N | N | N | N |
| English Learners | N | 76.1\% | N | 79.7\% | N | N | N | N | N | N |
| Homeless Students | N | 73.2\% | N | 74.4\% | N | N | N | N |  |  |

## Graduation Rate Trends

This table shows the 4-year and 5-year graduation rates by graduating class.

| Class of | 4-Year Rate | 5-Year Rate |
| :---: | :---: | :---: |
| 2017 | $92.9 \%$ | - |
| 2016 | $*$ | $100.0 \%$ |
| 2015 | $100.0 \%$ |  |

## Dropout Rate Trends

This table shows the percentage of students in grades 9 12 that dropped out during each of the last three school years for the school and the state

| School Year | School Rate | State Rate |
| :---: | :---: | :---: |
| $2016-2017$ | $0 \%$ | $1.1 \%$ |
| $2015-2016$ | $2.2 \%$ | $1.1 \%$ |
| $2014-2015$ | $0 \%$ | $1.1 \%$ |

** ESSA accountability targets are only included if data is available for at least 20 students

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This section contains information about students enrolling in colleges and universities after graduation from high school. Postsecondary enrollment information is collected from the National Student Clearinghouse, which collects data from at least $95 \%$ of higher education institutions nationwide.

## Postsecondary Enrollment Rates: Fall

This table shows the enrollment rates of Class of 2017 high school graduates into 2 -year or 4 -year institutions the fall after high school graduation. The following columns show the percentage of these enrolled students by 2-year or 4 -year institution

| Student Group | \% Enrolled <br> in Any <br> Institution | \% Enrolled <br> in 2-Year <br> Institution | \% Enrolled <br> in 4-Year <br> Institution |
| :--- | :---: | :---: | :---: |
| Statewide | $71.1 \%$ | $29.5 \%$ | $70.5 \%$ |
| Schoolwide | $84.6 \%$ | $36.4 \%$ | $63.6 \%$ |
| White | $80 \%$ | $25 \%$ | $75 \%$ |
| Hispanic | $*$ | $*$ | $0 \%$ |
| Black or African American | N | N | N |
| Asian, Native Hawaiian, or <br> Pacific Islander | $*$ | $0 \%$ | $*$ |
| American Indian or Alaska <br> Native | N | N | N |
| Two or More Races | N | N | N |
| Economically Disadvantaged <br> Students | N | N | N |
| Students with Disabilities | N | N | N |
| English Learners | N | N | N |

## Postsecondary Enrollment Rates: 16 month

This table shows the enrollment rates of Class of 2016 high school graduates into 2 -year or 4 -year institutions 16 months after high school graduation for the school and each student group. The following columns show the percentage of these enrolled students by 2-year or 4-year institution, public or private institution, or in-state or out-of-state institution.

| Student Group | \% Enrolled in Any Institution | \% Enrolled in 2-Year Institution | \% Enrolled in 4-Year Institution | \% Enrolled in Public Institution | \% Enrolled in Private Institution | \% Enrolled in In-State Institution | \% Enrolled in Out-ofState Institution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statewide | 76.1\% | 33.6\% | 66.5\% | 73.6\% | 26.4\% | 65.5\% | 34.6\% |
| Schoolwide | 78.6\% | 18.2\% | 81.8\% | 63.6\% | 36.4\% | 72.7\% | 27.3\% |
| White | * | * | * | * | * | * | * |
| Hispanic | * | * | * | * | * | * | * |
| Black or African American | N | N | N | N | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N |
| American Indian or Alaska Native | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N |

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This section shows information about student absences which provides important information about a school's culture and climate. In addition, research shows that student absences impact a child's ability to succeed in school. The New Jersey Department of Education selected chronic absenteeism as its measure of school quality and student success for the ESSA accountability plan. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.

## Chronic Absenteeism

This table shows the percentage of students in grades K-12 in the school and each student group who were chronically absent. This table also shows whether the school and each student group met the ESSA accountability targets for 201617.

| Student Group | \% Chronically <br> Absent | 2016-17 <br> Target | Met <br> 2016-17 <br> Target |
| :--- | :---: | :---: | :---: |
| Schoolwide | 0 | 14.30 | Met Target |
| White | 0 | 14.30 | Met Target |
| Hispanic | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Black or African American | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Asian, Native Hawaiian, or <br> Pacific Islander | N | ${ }^{* *}$ | ${ }^{* *}$ |
| American Indian or Alaska Native | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Two or More Races | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Economically Disadvantaged <br> Students | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Students with Disabilities | N | ${ }^{* *}$ | ${ }^{* *}$ |
| English Learners | N | ${ }^{* *}$ | ${ }^{* *}$ |

[^5]
## Days Absent

The graph displays the percentage of K-12 students schoolwide by the number of days they were absent during the school year. An absence is defined as being 'not present' and includes both excused and unexcused absences.


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## Chronic Absenteeism by Grade

This graph shows the percentage of students in the school and across the state who were chronically absent for each grade level. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.


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## School Day

This table shows the start and end times and length of school day for a typical student at this school. Instructional time is the amount of time that a typical student was engaged in instructional activities under the supervision of a certified teacher.

| Category | School |
| :--- | :---: |
| Typical Start Time | 8:00AM |
| Typical End Time | $2: 45 \mathrm{PM}$ |
| Length of School Day | 6 Hrs 45 Mins |
| Full Time - Instructional Time | 5 Hrs. 56 Mins. |
| Shared Time - Instructional Time | $*$ |

## Student Suspension Rate

This table shows the percentage of students who received one or more in-school suspensions, one or more out-of-school suspensions, and one or more suspensions of any type during the school year. Students receiving both in-school and out-of-school suspensions will be counted in all rows of the table. Students who received more than one suspension are counted only one time in each category below.

| Suspension Types | \% of Students |
| :--- | :---: |
| In-School Suspensions | $0.0 \%$ |
| Out-of-School Suspensions | $0.0 \%$ |
| Any Suspension | $0.0 \%$ |

## Violence, Vandalism, HIB, and Substance Offenses

This table shows the number of incidents reported by type. A single incident may be counted under multiple incident types. The total unique incidents provides a non-duplicated count of incidents. The final row shows a rate of incidents for every 100 students enrolled in the school.

| Incident Type | Number of Incidents |
| :--- | :---: |
| Violence | 0 |
| Vandalism | 0 |
| Weapons | 0 |
| Substances | 0 |
| Harassment, Intimidation, Bullying (HIB) | 0 |
| Total Unique Incidents | 0 |
| Incidents Per 100 Students Enrolled | 0.00 |

## Student Expulsions

This table shows the number of students who were expelled from the school during the school year. An expulsion is when a student is removed from a school and does not receive any further educational services during the school year.

| Category | Number of Students |
| :--- | :---: |
| Expulsions | 0 |

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## Technology Readiness

This table shows information that was collected through the optional NJTRAx survey to determine a school's technology readiness. The student to device ratio shows the number of students for every computer or tablet in the school. The internet speed is the internet bandwidth per 1000 students enrolled in the district measured in megabits per second. The connectivity between schools is a school's LAN network architecture. The NJTRAx survey is optional for schools, so data may not be available for all schools. Additionally, schools that have adopted a Bring Your Own Device (BYOD) policy may have appear to have a very low Student to Device ratio due to this policy decision.

| School Year | Student to Device Ratio | Internet Speed | Recommended <br> Internet Speed | Met <br> Recommended <br> Speed? | Connectivity <br> between <br> Schools | Recommended <br> Connectivity | Met <br> Recommended <br> Connectivity? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2016-17$ | N | 767.8 kbps | 100 kbps | Yes | Fiber | Fiber | Yes |

## Per-Pupil Expenditures (District Level)

This table shows the total current expenses for regular and special education students taught within the district's schools. It includes expenditures for instruction, support services, administration, operations and maintenance, extra-curricular activities, and community service. More information about district and charter school spending can be found using districts' User Friendly Budgets, or the NJDOE Finance District Report Search of the Comprehensive Annual Financial Reports (CAFRs) and Auditor's Management Reports (AMRs).

| Per-Pupil Expenditures | Federal | State/ <br> Local | Total |
| :--- | :---: | :---: | :---: |
| District Total (2015-2016) | $\$ 919$ | $\$ 15,739$ | $\$ 16,658$ |

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This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers - Experience

This table shows information about experience for teachers assigned to this school and across the state.

| Category | Teachers <br> in School | Teachers <br> in State |
| :--- | :---: | :---: |
| Total Number of teachers | 1 | 120,724 |
| Average years experience in <br> public schools | 0.0 | 11.8 |
| Average years experience in <br> district | 0.0 | 10.5 |
| Teachers in district for 4 or more <br> years | $0 \%$ | $74 \%$ |

## Administrators - Experience (District Level)

This table shows information about experience for administrators assigned to this district and across the state.

| Category | Admin. in <br> District | Admin. in <br> State |
| :--- | :---: | :---: |
| Total Number of administrators | 9 | 9,506 |
| Average years experience in public <br> schools | 15.6 | 15.9 |
| Average years experience in district | 6.2 | 11.6 |
| Administrators in district for 4 or <br> more years | $78 \%$ | $74 \%$ |

## Student to Staff Ratios

This table shows the number of students per staff member in the school and district. Ratios for librarians, nurses, counselors, and child study team members are only reported at the district level because many staff in these jobs are assigned only to the district and not to individual schools.

| Staff Type | School <br> Students: <br> Staff | District <br> Students: <br> Staff |
| :--- | :---: | :---: |
| Teachers | $31: 1$ | $14: 1$ |
| Administrators | N | $116: 1$ |
| Librarian/Media <br> Specialists |  | $1042: 1$ |
| Nurses |  | $521: 1$ |
| Counselors |  | $261: 1$ |
| Child Study Team |  | $347: 1$ |

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 BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE BUTLER, NJ 07405This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers and Administrators - Level of Education

This chart shows the highest level of education attained by the teachers and administrators at this school. The Bachelor's category may include other degrees/certificates such as a Specialist's degree. Administrators are required to have a Master's degree or higher.
Bachelor's Degree
Teacher
N
Admin

Master's Degree


Admin $\quad \mathrm{N}$
Doctoral Degree

| Teacher | N |
| :--- | :--- |
|  | N |

## Teachers and Administrators - One-Year Retention (District Level)

This table shows the percentage of teachers and administrators assigned to the district in 2015-16 that were still assigned to the district in 2016-17. Staff who are not retained may have changed districts or no longer work for the state (including retirements).

| Job Type | District | State |
| :---: | :---: | :---: |
| 2015-16 Teachers: Same district 2016-17 | $85 \%$ | $89 \%$ |
| 2015-16 Administrators: Same district 2016-17 | $89 \%$ | $88 \%$ |

## Faculty Attendance

This table shows the percentage of days that school faculty members were present during the school year. Approved professional days, personal days, staff training days, bereavement days, jury duty, and absences due to extended illness are not counted against days present, and faculty members on long-term leave or disability are excluded from this calculation.

| School Year | \% Days Present |
| :---: | :---: |
| $2016-17$ | $100 \%$ |

# Academy for Law and Public Safety <br> 2016-2017 

## Accountability Indicator Scores and Summative Rating

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of comprehensive support. This table shows the indicator scores for each indicator included in the accountability system and the weights that each indicator receives when calculating the overall Summative Score. The Summative Rating is the percentile rank of the Summative Score as compared to other schools across the state. Schools with a summative rating below the 5 th percentile or high schools with a 4 -year graduation rate that is less than or equal to $67 \%$ are identified for Comprehensive Support. For more information about New Jersey's accountability system and how these indicator scores were calculated, see these accountability resources.

| Accountability Indicator | Indicator Score | Indicator Weight |
| :---: | :---: | :---: |
| English Language Arts Proficiency | N | N |
| Mathematics Proficiency | N | N |
| Graduation-4-Year | N | N |
| Graduation - 5-Year | N | N |
| Chronic Absenteeism | N | N |
| Progress Towards English Language Proficiency (coming 2018) | $\mathrm{OK}$ | $\mathrm{OL}$ |
| Summative Score: Sum of all indicator scores multiplied by indicator weights | N | N |
| Summative Rating: Percentile rank of Summative Score | N | N |
| Requires Comprehensive Support: Summative Rating is less than or equal to 5th percentile | N | N |
| Requires Comprehensive Support: 4-year Graduation Rate less than or equal to 67\% | N | N |

[^6]$\dagger$ Indicator weights for this school were adjusted due to data availability.

## Academy for Law and Public Safety

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## Accountability Summary by Student Group

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of Targeted Support. Any student group where the summative score would be in the bottom $5 \%$ of schools (see previous page) is identified for Targeted Support for a Low-Performing Student Group. If any student group is identified for Targeted Support, this will be noted in the Schoolwide row in the table. Schools in which one or more student groups miss annual targets for all indicators two years in a row are identified for Targeted Support for a Consistently Underperforming Student Group. In the table below, schools in which one or more student groups miss annual targets for all indicators are noted to be At Risk for being identified for Targeted Support for the 2017-18 school year. Annual targets for proficiency and graduation rate are set based on a school or student group's performance in 2015-16. The target for chronic absenteeism is the statewide average for all students. For more details on accountability targets, see these accountability resources.

| Student Group | Summative Score | Cut-off Score for Targeted Support and Improvement | Requires Targeted Support and Improvement for 2016-17 | English Language Arts Proficiency | Mathematics Proficiency | Chronic Absenteeism | Graduation Rate - 4-Year | Graduation Rate - 5-Year | At Risk for Consistently Underperformi ng Student Group |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | N | N | N | N | N | N |
| White | N | N | N | N | N | N | N | N | N |
| Hispanic | N | N | N | N | N | N | N | N | N |
| Black or African American | N | N | N | N | N | N | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | N | N | N | N | N | N |
| American Indian or Alaska Native | N | N | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N | N | N |

[^7]$\dagger$ Target was met within a confidence interval.

## Academy for Law and Public Safety

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27-3365-010
MORRIS
MORRIS COUNTY VOCATIONAL BUTLER HIGH SCHOOL ANNEX BARTHOLDI AVENUE BUTLER, NJ 07405

## School General Info

| Principal: | Mrs. Castelli | Email Address: | castellis@mcvts.org |
| :---: | :---: | :---: | :---: |
| ddress: | BUTLER HIGH SCHOOL ANNEX | Website: | www.mevts.org |

## Address:

 BARTHOLDI AVENUE BUTLER, NJ 07405Phone: (973)492-2000

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.


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## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.


The Academy for Law and Public Safety is a full-time, four-year high school program open to all Morris County students entering the ninth grade. The academy is a career and technical education (CTE) program for students with specific interests in law, criminal justice, law enforcement, fire services and government. The program integrates academic studies with CTE coursework to provide students with the career and college readiness skills they need to pursue post secondary opportunities in law, law enforcement and public safety. The Academy is in its final year of a location transition from Butler High School to the Morris County School of Technology in Denville. Students in good academic standing at the end of their junior year are eligible to attend County College of Morris or Ramapo College in their senior year to complete their high school studies and earn college credits before graduation. During their senior year, all Law and Public Safety students complete a 120 -hour internship in an institution or business related to law or public safety. Students work in law offices, the Morris County court system, local fire and police departments, and other government agencies. Students visit the local Police and Fire Training Academy, the Morris County Correctional Facility and the Juvenile Correctional Facility. Juniors in the academy travel to Washington D.C. to explore federal law enforcement agencies. Students who graduate from the Academy for Law and Public Safety continue their studies in pre-law, criminal justice, political science, fire safety, public health or other fields. Most students attend four-year colleges such as Ramapo College, Seton Hall University, American University and John Jay College. Other graduates move on to two-year colleges or enter the military.

## Academy for Mathematics, Science and Engineering

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The 2016-17 School Performance Reports are designed to share school and district information collected by the New Jersey Department of Education directly with parents, educators, and communities. The Department believes that the greatest potential to improve school performance and student outcomes is through parents, educators, and community members working together. These reports seek to make that process easier by providing information that can help people to:

- Learn more: The School Performance Reports contain a wealth of data, going far beyond a school's test scores to include information about the staff working in a school, student discipline rates, and the sports and clubs offered.
- Ask questions: These reports can help start a conversation, but they cannot answer all the questions you might have about schools in your community. Use the contact information provided to engage with faculty and administrators at your schools to ask about the data you see in these reports.
- Get involved: Schools need help from parents and communities to help students succeed. Contact your school to find out about school board meetings or parent and community groups.


## Navigating through the reports:

- Download this report to a PDF by clicking the icon at the top of the page.
- Search for specific text or words in these reports by using the search box at the top of the page.
- The menu bar at the top of the page or the table of contents at the left of the screen can be used to move between sections of the report.
- The arrow buttons at the top left of the screen can be used to move between pages of the report.


## Other Resources:

- Review the Parent Summary Report or the district-level report for this school.
- For more detailed information about the data in these reports, where it comes from, and how to use it: Reference Guide or Interpretive Video.
- Download the data used in these reports.
- Want to give us feedback? Take our feedback survey: surveylink
- Questions about the reports? Contact us at reportcard@doe.nj.gov


## Academy for Mathematics, Science and Engineering

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MORRIS COUNTY VOCATIONAL 520 WEST MAIN STREET ROCKAWAY, NJ 07866-3799

## Footnotes

1. An "*" indicates that data is not displayed to protect student privacy; " N " indicates no data is available to display.
2. ** ESSA accountability targets are only included if data is available for at least 20 students.

Note: Additional footnotes may exist within the reports specific to certain data tables. In those instances, the footnotes will be displayed below the applicable table.

## Academy for Mathematics, Science and Engineering 2016-2017

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## Enrollment Trends by Grade

This table shows the number of students enrolled by grade for the past three school years. Ungraded students are students who are "on roll" but are educated in ungraded classrooms.

| Grade | $2014-15$ | $2015-16$ | $2016-17$ |
| :---: | :---: | :---: | :---: |
| 9 | 24 | 26 | 25 |
| 10 | 26 | 23 | 26 |
| 11 | 29 | 33 | 24 |
| 12 | 28 | 22 | 27 |
| Ungraded | 1 | 1 | 0 |
| Total | 108 | 105 | 102 |

## Enrollment Trends by Student Group

This table shows the percentage of students by student group for the past three school years. Data for some student groups was not available before 2016-17.

| Student Group | $2014-15$ | $2015-16$ | $2016-17$ |
| :--- | :---: | :---: | :---: |
| Female | $45 \%$ | $47 \%$ | $46 \%$ |
| Male | $55 \%$ | $53 \%$ | $54 \%$ |
| Economically <br> Disadvantaged Students | $3 \%$ | $2 \%$ | $0 \%$ |
| Students with Disabilities | $9 \%$ | $5 \%$ | $1 \%$ |
| English Learners | $0 \%$ | $0 \%$ | $0 \%$ |
| Homeless Students |  |  | $0 \%$ |
| Students in Foster Care |  |  | $0 \%$ |
| Military-Connected Students |  |  | $0 \%$ |
| Migrant Students |  |  | $0 \%$ |

## Enrollment Trends by Full and Shared Time

This table shows the number of full and shared time students. The full time equivalent is the number of full time students plus half the number of shared time students.

| Enrollment Status | $2016-17$ |
| :--- | :---: |
| Full Time Students | 100 |
| Shared Time Students | 3 |
| Full Time Equivalent | 102 |

## Enrollment by Racial and Ethnic Group

This table shows the percentage of students by racial and ethnic group.

| Racial and Ethnic Group | \% of Students |
| :--- | :---: |
| Asian | $77.8 \%$ |
| White | $20.2 \%$ |
| Black or African American | $1.0 \%$ |
| Hispanic | $1.0 \%$ |
| American Indian or Alaska Native | $0.0 \%$ |
| Native Hawaiian or Pacific Islander | $0.0 \%$ |
| Two or More Races | $0.0 \%$ |

## Academy for Mathematics, Science and Engineering

 2016-2017Grade Span 09-12

## English Language Arts/Literacy Assessment - Participation and Performance

This table shows information about the English Language Arts/Literacy section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 52 | 100.0 | 100.00 | 90.60 | 54.90 | 100 | 80 | Met Goal |
| White | * | * | * | * | 63.90 | * | ** | ** |
| Hispanic | * | * | * | * | 39.80 | * | ** | ** |
| Black or African American | N | N | N | 83.30 | 35.20 | N | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | 43 | 100.0 | 100.00 | * | 80.70 | 100 | 80 | Met Goal |
| American Indian or Alaska Native | N | N | N | * | 53.70 | N | ** | ** |
| Two or More Races | N | N | N | 90.00 | 54.90 | N | ** | ** |
| Female | 22 | 100.0 | 100.00 | * | 62.20 | 100 |  |  |
| Male | 30 | 100.0 | 100.00 | * | 48.10 | 100 |  |  |
| Economically Disadvantaged Students | N | N | N | 100.00 | 36.20 | N | ** | ** |
| Non-Economically Disadvantaged Students | 52 | 100.0 | 100.00 | 90.30 | 65.80 | 100 |  |  |
| Students with Disabilities | N | N | N | * | 20.50 | N | ** | ** |
| Students without Disabilities | 52 | 100.0 | 100.00 | * | 61.90 | 100 |  |  |
| English Learners | N | N | N | N | 25.20 | N | ** | ** |
| Non-English Learners | 52 | 100.0 | 100.00 | 90.60 | 57.40 | 100 |  |  |
| Homeless Students | N | N | N | N | 26.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 24.80 | N |  |  |
| Military-Connected Students | N | N | N | N | 53.50 | N |  |  |
| Migrant Students | N | N | N | N | 23.00 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

NJ SCHOOL
PERFORMANCE REPORT

## Academy for Mathematics, Science and Engineering

 2016-2017Grade Span 09-12

English Language Arts/Literacy Assessment - Performance by Grade: Grade 9
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 26 | 818 | 794 | 749 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 52\% |
| White | * | * | * | 757 | * | * | * | * | * | * | 62\% |
| Hispanic | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Black or African American | N | N | N | 730 | N | N | N | N | N | N | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | 24 | 818 | 813 | 777 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 80\% |
| American Indian or Alaska Native | N | N | N | 745 | N | N | N | N | N | N | 49\% |
| Two or More Races | N | N | N | 746 | N | N | N | N | N | N | 48\% |
| Female | 10 | 824 | * | 756 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 60\% |
| Male | 16 | 814 | * | 741 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 43\% |
| Economically Disadvantaged Students | N | N | N | 731 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | 26 | 818 | * | 758 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 62\% |
| Students with Disabilities | N | N | N | 714 | N | N | N | N | N | N | 13\% |
| Students without Disabilities | 26 | 818 | 795 | 754 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | 58\% |
| English Learners | N | N | N | 690 | N | N | N | N | N | N | * |
| Non-English Learners | 26 | 818 | 794 | 752 | 0\% | 0\% | 0\% | 0\% | 100\% | 100\% | * |
| Homeless Students | N | N | N | 719 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 718 | N | N | N | N | N | N | 21\% |
| Military-Connected Students | N | N | N | 746 | N | N | N | N | N | N | 45\% |
| Migrant Students | N | N | N | 705 | N | N | N | N | N | N | * |

## Academy for Mathematics, Science and Engineering

 2016-2017
## English Language Arts/Literacy Assessment - Performance by Grade: Grade 10

This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 26 | 824 | 788 | 743 | * | * | * | * | 96\% | 100\% | 46\% |
| White | * | * | * | 749 | * | * | * | * | * | * | 52\% |
| Hispanic | * | * | * | 728 | * | * | * | * | * | * | 34\% |
| Black or African American | N | N | N | 725 | N | N | N | N | N | N | 31\% |
| Asian, Native Hawaiian, or Pacific Islander | 19 | 824 | 811 | 774 | * | * | * | * | 95\% | 100\% | 74\% |
| American Indian or Alaska Native | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Two or More Races | N | N | N | 737 | N | N | N | N | N | N | 42\% |
| Female | 12 | 824 | 789 | 752 | * | * | * | * | 100\% | 100\% | 54\% |
| Male | 14 | 824 | 785 | 734 | * | * | * | * | 93\% | 100\% | 39\% |
| Economically Disadvantaged Students | N | N | N | 726 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | 26 | 824 | * | 751 | * | * | * | * | 96\% | 100\% | 54\% |
| Students with Disabilities | N | N | N | 704 | N | N | N | N | N | N | 12\% |
| Students without Disabilities | 26 | 824 | * | 749 | * | * | * | * | 96\% | 100\% | 52\% |
| English Learners | N | N | N | 681 | N | N | N | N | N | N | * |
| Non-English Learners | 26 | 824 | 788 | 745 | * | * | * | * | 96\% | 100\% | * |
| Homeless Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 710 | N | N | N | N | N | N | 20\% |
| Military-Connected Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Migrant Students | N | N | N | 694 | N | N | N | N | N | N | * |

## Academy for Mathematics, Science and Engineering

 2016-2017English Language Arts/Literacy Assessment - Performance by Grade: Grade 11**
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 736 | N | N | N | N | N | N | 38\% |
| White | N | N | N | 738 | N | N | N | N | N | N | 40\% |
| Hispanic | N | N | N | 731 | N | N | N | N | N | N | 34\% |
| Black or African American | N | N | N | 728 | N | N | N | N | N | N | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 756 | N | N | N | N | N | N | 58\% |
| American Indian or Alaska Native | N | N | N | 731 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 731 | N | N | N | N | N | N | 36\% |
| Female | N | N | N | 744 | N | N | N | N | N | N | 46\% |
| Male | N | N | N | 729 | N | N | N | N | N | N | 31\% |
| Economically Disadvantaged Students | N | N | N | 729 | N | N | N | N | N | N | 32\% |
| Non-Economically Disadvantaged Students | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Students with Disabilities | N | N | N | 709 | N | N | N | N | N | N | 12\% |
| Students without Disabilities | N | N | N | 741 | N | N | N | N | N | N | 43\% |
| English Learners | N | N | N | 699 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 737 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 722 | N | N | N | N | N | N | 24\% |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | 19\% |
| Military-Connected Students | N | N | N | 723 | N | N | N | N | N | N | 24\% |
| Migrant Students | N | N | N | 713 | N | N | N | N | N | N | 26\% |

Academy for Mathematics, Science and Engineering
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27-3365-020 MORRIS
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English Language Arts/Literacy Assessment - Performance Trends
This graph shows the percentage of students who met or exceeded expectations for the past three years.


[^8]
## Academy for Mathematics, Science and Engineering

 2016-2017
## Mathematics Assessment - Participation and Performance





 these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 23 | 100.0 | 100.00 | 73.10 | 43.50 | 100 | 80 | Met Goal |
| White | * | * | * | * | 52.40 | * | ** | ** |
| Hispanic | * | * | * | * | 27.60 | N | ** | ** |
| Black or African American | * | * | * | * | 21.70 | N | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | 21 | 100.0 | 100.00 | 93.70 | 75.60 | 100 | N | N |
| American Indian or Alaska Native | * | * | * | * | 42.50 | N | ** | ** |
| Two or More Races | * | * | * | 75.00 | 44.90 | N | ** | ** |
| Female | * | * | * | * | 44.10 | * |  |  |
| Male | * | * | * | * | 42.90 | * |  |  |
| Economically Disadvantaged Students | N | N | N | 70.00 | 25.10 | N | ** | ** |
| Non-Economically Disadvantaged Students | 23 | 100.0 | 100.00 | 73.20 | 54.30 | 100 |  |  |
| Students with Disabilities | N | N | N | * | 16.50 | N | ** | ** |
| Students without Disabilities | 23 | 100.0 | 100.00 | * | 48.80 | 100 |  |  |
| English Learners | N | N | N | N | 23.30 | N | ** | ** |
| Non-English Learners | 23 | 100.0 | 100.00 | 73.10 | 45.20 | 100 |  |  |
| Homeless Students | N | N | N | N | 16.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 15.10 | N |  |  |
| Military-Connected Students | N | N | N | N | 39.90 | N |  |  |
| Migrant Students | N | N | N | N | 18.20 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Academy for Mathematics, Science and Engineering

 2016-2017
## Mathematics Assessment - Performance by Test: Algebra I

This table shows participation and performance on the Mathematics section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by end of course exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | $\qquad$ | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2 : Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 743 | N | N | N | N | N | N | 42\% |
| White | N | N | N | 751 | N | N | N | N | N | N | 52\% |
| Hispanic | N | N | N | 728 | N | N | N | N | N | N | 24\% |
| Black or African American | N | N | N | 724 | N | N | N | N | N | N | 19\% |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 774 | N | N | N | N | N | N | 76\% |
| American Indian or Alaska Native | N | N | N | 736 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 741 | N | N | N | N | N | N | 41\% |
| Female | N | N | N | 744 | N | N | N | N | N | N | 43\% |
| Male | N | N | N | 741 | N | N | N | N | N | N | 40\% |
| Economically Disadvantaged Students | N | N | N | 727 | N | N | N | N | N | N | 23\% |
| Non-Economically Disadvantaged Students | N | N | N | 751 | N | N | N | N | N | N | 52\% |
| Students with Disabilities | N | N | N | 714 | N | N | N | N | N | N | 10\% |
| Students without Disabilities | N | N | N | 747 | N | N | N | N | N | N | 47\% |
| English Learners | N | N | N | 708 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 745 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 718 | N | N | N | N | N | N | 13\% |
| Students in Foster Care | N | N | N | 711 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 742 | N | N | N | N | N | N | 37\% |
| Migrant Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |

## Academy for Mathematics, Science and Engineering

 2016-2017Grade Span 09-12

## Mathematics Assessment - Performance by Test: Geometry


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 23 | 798 | 761 | 734 | * | * | * | * | 96\% | 100\% | 30\% |
| White | * | * | * | 740 | * | * | * | * | * | * | 38\% |
| Hispanic | N | N | N | 722 | N | N | N | N | N | N | 14\% |
| Black or African American | N | N | N | 719 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | 21 | 798 | 779 | 758 | * | * | * | * | 95\% | 100\% | 65\% |
| American Indian or Alaska Native | N | N | N | 730 | N | N | N | N | N | N | 29\% |
| Two or More Races | N | N | N | 733 | N | N | N | N | N | N | 32\% |
| Female | * | * | * | 735 | * | * | * | * | * | * | 31\% |
| Male | * | * | * | 733 | * | * | * | * | * | * | 30\% |
| Economically Disadvantaged Students | N | N | N | 721 | N | N | N | N | N | N | 13\% |
| Non-Economically Disadvantaged Students | 23 | 798 | * | 740 | * | * | * | * | 96\% | 100\% | 39\% |
| Students with Disabilities | N | N | N | 711 | N | N | N | N | N | N | * |
| Students without Disabilities | 23 | 798 | 761 | 738 | * | * | * | * | 96\% | 100\% | * |
| English Learners | N | N | N | 710 | N | N | N | N | N | N | * |
| Non-English Learners | 23 | 798 | 761 | 735 | * | * | * | * | 96\% | 100\% | * |
| Homeless Students | N | N | N | 717 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 727 | N | N | N | N | N | N | 15\% |
| Migrant Students | N | N | N | 704 | N | N | N | N | N | N | * |

Academy for Mathematics, Science and Engineering 2016-2017

Grade Span 09-12

## Mathematics Assessment - Performance by Test: Algebra II


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: <br> Exceeded <br> Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | N | N | N | 725 | N | N | N | N | N | N | 28\% |
| White | N | N | N | 731 | N | N | N | N | N | N | 33\% |
| Hispanic | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Black or African American | N | N | N | 703 | N | N | N | N | N | N | * |
| Asian, Native Hawaiian, or Pacific Islander | N | N | N | 761 | N | N | N | N | N | N | 62\% |
| American Indian or Alaska Native | N | N | N | 715 | N | N | N | N | N | N | 20\% |
| Two or More Races | N | N | N | 718 | N | N | N | N | N | N | 25\% |
| Female | N | N | N | 725 | N | N | N | N | N | N | 27\% |
| Male | N | N | N | 725 | N | N | N | N | N | N | 29\% |
| Economically Disadvantaged Students | N | N | N | 708 | N | N | N | N | N | N | 13\% |
| Non-Economically Disadvantaged Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Students with Disabilities | N | N | N | 692 | N | N | N | N | N | N | * |
| Students without Disabilities | N | N | N | 729 | N | N | N | N | N | N | * |
| English Learners | N | N | N | 692 | N | N | N | N | N | N | * |
| Non-English Learners | N | N | N | 726 | N | N | N | N | N | N | * |
| Homeless Students | N | N | N | 702 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 692 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Migrant Students | N | N | N | 702 | N | N | N | N | N | N | 14\% |

Academic Achievement

## Academy for Mathematics, Science and Engineering

2016-2017
Grade Span 09-12

27-3365-020 MORRIS
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Mathematics Assessment - Performance Trends
This graph shows the percentage of students who met or exceeded expectations for the past three years.


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## Academy for Mathematics, Science and Engineering

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## Alternate Assessments - Participation

This table shows the number of students taking the Dynamic Learning Maps Alternate Assessment, which tests academic progress in English Language Arts (ELA) and Mathematics for students with different types of significant cognitive disabilities.

| Grade | ELA: <br> \# Students Tested | Math: <br> \# Students Tested |
| :---: | :---: | :---: |
| 9 | N | N |
| 10 | N | N |
| 11 | N | N |

## English Language Proficiency Test - Participation and Performance

This table shows, by years in district, the number of English learner students taking the ACCESS for ELLs 2.0 Assessment for English language proficiency. The table also shows the percentage of students tested that received an overall score of 4.5 or above. Students must receive a score of 4.5 or higher to be considered for proficient status.

Years in District $\left.$\begin{tabular}{c|c|c|c|}
\# Students <br>
Tested

 

\% Students with <br>
Overall Score <br>
Below 4.5

 

\% Students with <br>
Overall Score of <br>
4.5 and above

 \right\rvert\, 

\hline 1 \& N \& N <br>
\hline 2 \& N \& N <br>
\hline 3 \& N \& N <br>
\hline 4 \& N \& N <br>
\hline $5+$ \& N \& N <br>
\hline
\end{tabular}

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 assessment has three proficiency categories. Students performing at "Proficient" and "Advanced Proficient" have demonstrated readiness for the next grade-level/course.

## Biology Assessment - Performance

This table shows the percentage of students in each proficiency category for the school and each student group and also provides a comparison to the statewide percentages.

| Student Group | \% Advanced <br> Proficient | \% Proficient | \% Partially <br> Proficient |
| :--- | :---: | :---: | :---: |
| Statewide | $16 \%$ | $42 \%$ | $42 \%$ |
| Schoolwide | $96 \%$ | $4 \%$ | N |
| White | ${ }^{*}$ | N | N |
| Hispanic | N | N | N |
| Black or African American | ${ }^{*}$ | N | N |
| Asian, Native Hawaiian, or Pacific Islander | $95 \%$ | $5 \%$ | N |
| American Indian or Alaska Native | N | N | N |
| Two or More Races | N | N | N |
| Economically Disadvantaged Students | ${ }^{*}$ | N | N |
| Students with Disabilities | N | N | N |
| English Learners | N | N | N |

## Biology Assessment - Proficiency Trends

This graph displays the percentage of students by proficiency category for the past three schoo years.


## Academy for Mathematics, Science and Engineering

2016-2017
Grade Span 09-12

This section contains information about participation and performance on college entrance examinations. For more information about how participation and performance on the PSAT, SAT, and ACT tests are calculated and how these calculations account for recent changes to the SAT test, please see our Reference Guide.

## PSAT/SAT/ACT - Participation

This table shows the percentage of 10th and 11th graders that took the PSAT 10 or PSAT NMSQT exams in 2016-17. This table also shows the percentage of 12 th graders that have taken the SAT or ACT this year or in prior years.

| Test | $\%$ of <br> Students in <br> School | $\%$ of <br> Students in <br> State |
| :--- | :---: | :---: |
| Percentage of students taking the PSAT | $*$ | $89.4 \%$ |
| Percentage of students taking the SAT | N | $70.0 \%$ |
| Percentage of students taking the ACT | N | $28.3 \%$ |

## PSAT/SAT/ACT - Performance

This table shows the average test score, based on highest scoring test, for the PSAT, SAT, and ACT tests by subject area for students in the school and across the state. This table also shows the percentage of students at or above College Readiness Benchmarks for each test. Students that score at or above these benchmarks have a high chance of success in credit-bearing college courses.

| Test | School <br> Average <br> Score | State <br> Average <br> Score | College <br> Readiness <br> Benchmarks | School - \% of <br> Students <br> scoring at or <br> above <br> Benchmark | State - \% of <br> Students <br> scoring at or <br> above <br> Benchmark |
| :--- | :---: | :---: | :---: | :---: | :---: |
| PSAT - Reading and <br> Writing | $*$ | 481 | Varies By <br> Grade | $*$ | $67 \%$ |
| PSAT - Math | $*$ | 483 | Varies By <br> Grade | $*$ | $49 \%$ |
| SAT - Reading and <br> Writing | N | 551 | N | N | $77 \%$ |
| SAT - Math | N | 552 | N | N | $58 \%$ |
| ACT - Reading | N | 24 | N | N | $65 \%$ |
| ACT - English | N | 24 | N | N | $79 \%$ |
| ACT - Math | N | 24 | N | N | $65 \%$ |
| ACT - Science | N | 23 | N | N | $54 \%$ |

## Academy for Mathematics, Science and Engineering

2016-2017
Grade Span 09-12

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Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are participating in advanced course work such as Advanced Placement (AP) or International Baccalaureate (IB) courses and exams and dual enrollment courses where high school students can enroll in college courses for credit.

## AP/IB Coursework - Participation and Performance

This chart shows the percentage of students out of all 11th and 12th grade students in the school and across the state, who enrolled in one or more AP or IB course, the percentage that took one or more AP or IB exam, and the percentage of students taking one or more exams who received at least one score of at least 3 on AP exams or 4 on IB exams.


## Dual Enrollment Coursework - Participation

This graph shows the percentage students enrolled in at least one dual enrollment course in the school and across the state. Dual enrollment courses allow high school students to enroll in college courses for credit prior to their high school graduation.

Students enrolled in one or more dual enrollment course


## AP/ IB Courses Offered

This table shows the students enrolled in AP/IB courses and the corresponding exams that were taken. Students do not need to take a course to take the exam and not all students enrolled in a course take the exam. The last two rows show the total number of exams taken and the number of exams with scores of at least 3 on AP exams or 4 on IB exams. In the last two rows, students taking multiple exams are counted more than once.

| AP/IB Course | Students Enrolled | Students Tested |
| :--- | :---: | :---: |
| AP Biology | 8 | 0 |
| AP Calculus AB | 3 | 0 |
| AP Calculus BC | 20 | 0 |
| AP Chemistry | 14 | 0 |
| AP Computer Science A | 31 | 0 |
| AP English Language and Composition | 23 | 0 |
| AP English Literature and Composition | 23 | 0 |
| AP European History | 1 | 0 |
| AP Human Geography | 1 | 0 |
| AP Microeconomics | 25 | 0 |
| AP Physics 1 | 30 | 0 |
| AP Physics C | 24 | 0 |
| AP Psychology | 7 | 0 |
| AP Statistics | 23 | 0 |
| AP U.S. Government and Politics |  | 0 |
| AP U.S. History |  | 0 |
| Total Exams Taken |  | 0 |
| Exams with scores of at least 3 on AP exams or 4 on |  | 0 |
| IB exams |  | 0 |

## Academy for Mathematics, Science and Engineering

2016-2017
Grade Span 09-12

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This section contains information about participation in approved Career and Technical Education (CTE) programs and Structured Learning Experiences. For more information about CTE in New Jersey, please visit http://www.nj.gov/education/cte/.

## Career and Technical Education Participation

The chart below shows the percentage of students within the school and state who were enrolled in courses in approved Career and Technical Education (CTE) programs. Students enrolled in shared-time CTE programs in a county vocational school district are included in both the county vocational school and their sending school.

## CTE Participants

(completed only one course in an approved CTE program)

| School | $0.0 \%$ |
| :--- | ---: |
| State | $7.6 \%$ |

## CTE Concentrators

(completed two or more courses in a single approved CTE program and/or completed the entire CTE program)


## Industry-Valued Credentials Earned

This table shows the number of students that earned at least one industryvalued credential and the number of credentials earned in each Career Cluster® and overall for the 2016-17 school year. Students earning credentials in more than one Career Cluster are counted in multiple rows. Students earning multiple credentials in one Career Cluster are counted more than once in the Industry credentials total.

| Career Cluster | Students with at <br> least one <br> credential earned | Industry <br> credentials earned |
| :--- | :---: | :---: |
| Architecture \& Construction | $*$ | $*$ |
| Total non-duplicated number of <br> students** | $*$ |  |
| Total number of credentials earned in <br> all clusters |  | $*$ |

**Students may earn credentials in more than one Career Cluster

## Structured Learning Experiences Participation

The graph below displays the percentage of students within the school and state who participated in Structured Learning Experiences (SLEs). SLEs can include work-based learning programs, internships, apprenticeships, and service learning experiences and can be paid or unpaid.

## Structured Learning Experiences

| School |  |
| :--- | :--- |
| State $25.6 \%$ |  |

This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Mathematics - Course Participation

This table shows the number of students by grade that were enrolled in Mathematics courses by subject area. Students are counted more than once if they are enrolled in more than one math course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) math course by subject area.

| Grade | Algebra I | Geometry | Algebra II | Pre-Calculus | Calculus | Statistics | Other Math |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |  |
| 12 | N | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N | N |
| Enrolled in AP/IB Course |  |  |  |  | N | N | N |

## Science - Course Participation

This table shows the number of students by grade that were enrolled in Science courses by subject area. Students are counted more than once if they are enrolled in more than one science course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) science course by subject area.

| Grade | Biology | Chemistry | Earth and <br> Space Science | Environmental <br> Science | Physics | Other Science |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |
| 10 | N | N | N | N | N | N |
| 11 | N | N | N | N | N | N |
| 12 | N | N | N | N | N | N |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N |  | N | N | N |

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This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Social Studies and History - Course Participation

This table shows the number of students by grade that were enrolled in Social Studies and History courses by subject area. Students are counted more than once if they are enrolled in more than one social studies or history course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) social studies or history course by subject area.

| Grade | World History | US History I \& II | Economics | Psychology | Sociology | Other Social <br> Studies or History |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N |  |
| 10 | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |
| 12 | N | N | N | N | N |  |
| Schoolwide | N | N | N | N | N | N |
| Enrolled in AP/IB Course | N | N | N | N | N | N |

World Languages - Course Participation
This table shows the number of students by grade that were enrolled in World Languages courses by language. Students are counted more than once if they are enrolled in more than one language course. The bottom rows of the table show students enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) language course, students enrolled in a level 3 or higher language course (such as French III or IV), and the number of students that earned a Seal of Biliteracy by language.

| Grade | Spanish | French | Italian | Latin | German | Chinese | Other Languages |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | N | N | N | N | N | N |  |
| 10 | N | N | N | N | N | N |  |
| 11 | N | N | N | N | N |  |  |
| 12 | N | N | N | N | N |  |  |
| Schoolwide | N | N | N | N | N | N |  |
| Enrolled in AP/IB Course | N | N | N | N | N | N | N |
| Enrolled in Level 3 or Higher | N | N | N | N | N | N |  |
| Earned Seal of Biliteracy | N | N | N | N | N | N |  |

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## Visual and Performing Arts - Course Participation

The top graphs below show the percentages of students that were enrolled in any Visual and Performing Arts classes within the school and across the state. The graphs at the bottom of the page show the percentages of students enrolled in at least one course within each of the four arts disciplines within the school and across the state.

$$
\begin{aligned}
& \text { Grades 9-12: } \\
& \text { Students enrolled in one } \\
& \text { or more visual and } \\
& \text { performing arts classes }
\end{aligned}
$$

$0 \%$

School


Students enrolled in one or more classes by discipline:

| MUSIC | School <br> State | 18\% |  |
| :---: | :---: | :---: | :---: |
| DANCE | School | 0\% |  |
|  | State | 2\% |  |
| DRAMA | School | 0\% |  |
|  | State | 4\% |  |
| VISUAL ARTS | School | 0\% | 33\% |
|  | State |  |  |

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PERFORMANCE REPORT

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This section contains information about graduation rates and dropout rates for students in grades 9-12. Graduation rates are calculated based on the adjusted cohort graduation rate calculation. You can find more about how these rates are calculated here.

## Graduation Rates

This table shows 4-year and 5-year Graduation Rates for the school and each student group with comparisons to statewide rates. Annual ESSA accountability targets for the Class of 2016 4-year rate and the Class of 2015 5-year rates are included with a flag for whether the school and each student group met those targets.

| Student Group | School - <br> Class of 2017: 4 Year Rate | State Class of 2017: 4 Year Rate | School - <br> Class of 2016: 5 Year Rate | State - <br> Class of 2016: 5 Year Rate | $\begin{gathered} \text { Class of } \\ \text { 2016: } 4 \\ \text { Year } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Class of } \\ & \text { 2016: } 4 \\ & \text { Year } \\ & \text { Target } \end{aligned}$ | Met Target? | Class of 2015: 5 Year Rate | Class of 2015: 5 Year Target | Met Target? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 100.0\% | 90.5\% | 100.0\% | 91.8\% | 100.0\% | N | Met Goal | 95.8\% | N | Met Goal |
| White | * | 94.5\% | * | 95.1\% | * | ** | ** | * | ** | ** |
| Hispanic | N | 84.3\% | N | 86.3\% | N | N | N | * | ** | ** |
| Black or African American | N | 83.4\% | N | 85.3\% | N | N | N | N | N | N |
| Asian, Native Hawaiian or Pacific Islander | * | 96.6\% | * | 97.5\% | * | ** | ** | 93.3\% | ** | ** |
| American Indian or Alaska Native | N | 92.3\% | N | 86.6\% | N | N | N | N | N | N |
| Two or More Races | N | 91.9\% | N | 93.7\% | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | 83.9\% | N | 85.6\% | N | N | N | N | N | N |
| Students with Disabilities | N | 78.8\% | N | 82.1\% | N | N | N | N | N | N |
| English Learners | N | 76.1\% | N | 79.7\% | N | N | N | N | N | N |
| Homeless Students | N | 73.2\% | N | 74.4\% | N | N | N | N |  |  |

## Graduation Rate Trends

This table shows the 4-year and 5-year graduation rates by graduating class.

| Class of | 4-Year Rate | 5-Year Rate |
| :---: | :---: | :---: |
| 2017 | $100.0 \%$ | - |
| 2016 | $*$ | $100.0 \%$ |
| 2015 | $95.8 \%$ |  |

## Dropout Rate Trends

This table shows the percentage of students in grades 9 12 that dropped out during each of the last three school years for the school and the state.

| School Year | School Rate | State Rate |
| :---: | :---: | :---: |
| $2016-2017$ | $0 \%$ | $1.1 \%$ |
| $2015-2016$ | $0 \%$ | $1.1 \%$ |
| $2014-2015$ | $1 \%$ | $1.1 \%$ |

** ESSA accountability targets are only included if data is available for at least 20 students

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This section contains information about students enrolling in colleges and universities after graduation from high school. Postsecondary enrollment information is collected from the National Student Clearinghouse, which collects data from at least $95 \%$ of higher education institutions nationwide.

## Postsecondary Enrollment Rates: Fall

This table shows the enrollment rates of Class of 2017 high school graduates into 2 -year or 4 -year institutions the fall after high school graduation. The following columns show the percentage of these enrolled students by 2-year or 4 -year institution

| Student Group | $\begin{array}{c}\text { \% Enrolled } \\ \text { in Any } \\ \text { Institution }\end{array}$ |
| :--- | :---: | :---: | :---: |
| \% Enrolled |  |
| in 2-Year |  |
| Institution |  | \(\left.\begin{array}{c}\% Enrolled <br>

in 4-Year <br>
Institution\end{array}\right]\)

## Postsecondary Enrollment Rates: 16 month

This table shows the enrollment rates of Class of 2016 high school graduates into 2 -year or 4 -year institutions 16 months after high school graduation for the school and each student group. The following columns show the percentage of these enrolled students by 2-year or 4-year institution, public or private institution, or in-state or out-of-state institution.

| Student Group | \% Enrolled in Any Institution | \% Enrolled in 2-Year Institution | \% Enrolled in 4-Year Institution | \% Enrolled in Public Institution | \% Enrolled in Private Institution | \% Enrolled in In-State Institution | \% Enrolled in Out-ofState Institution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statewide | 76.1\% | 33.6\% | 66.5\% | 73.6\% | 26.4\% | 65.5\% | 34.6\% |
| Schoolwide | 100\% | 0\% | 100\% | 63.6\% | 36.4\% | 36.4\% | 63.6\% |
| White | * | * | * | * | * | * | * |
| Hispanic | N | N | N | N | N | N | N |
| Black or African American | N | N | N | N | N | N | N |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | * | * | * | * |
| American Indian or Alaska Native | N | N | N | N | N | N | N |
| Two or More Races | N | N | N | N | N | N | N |
| Economically Disadvantaged Students | N | N | N | N | N | N | N |
| Students with Disabilities | N | N | N | N | N | N | N |
| English Learners | N | N | N | N | N | N | N |

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This section shows information about student absences which provides important information about a school's culture and climate. In addition, research shows that student absences impact a child's ability to succeed in school. The New Jersey Department of Education selected chronic absenteeism as its measure of school quality and student success for the ESSA accountability plan. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.

## Chronic Absenteeism

This table shows the percentage of students in grades K-12 in the school and each student group who were chronically absent. This table also shows whether the school and each student group met the ESSA accountability targets for 201617.

| Student Group | \% Chronically <br> Absent | 2016-17 <br> Target | Met <br> 2016-17 <br> Target |
| :--- | :---: | :---: | :---: |
| Schoolwide | 2.00 | 14.30 | Met Target |
| White | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Hispanic | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Black or African American | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Asian, Native Hawaiian, or <br> Pacific Islander | 0 | 14.30 | Met Target |
| American Indian or Alaska Native | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Two or More Races | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Economically Disadvantaged <br> Students | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Students with Disabilities | N | ${ }^{* *}$ | ${ }^{* *}$ |
| English Learners | N | ${ }^{* *}$ | ${ }^{* *}$ |

[^9]
## Days Absent

The graph displays the percentage of K -12 students schoolwide by the number of days they were absent during the school year. An absence is defined as being 'not present' and includes both excused and unexcused absences.


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## Chronic Absenteeism by Grade

This graph shows the percentage of students in the school and across the state who were chronically absent for each grade level. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.


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## School Day

This table shows the start and end times and length of school day for a typical student at this school. Instructional time is the amount of time that a typical student was engaged in instructional activities under the supervision of a certified teacher.

| Category | School |
| :--- | :---: |
| Typical Start Time | 8:05AM |
| Typical End Time | 3:05PM |
| Length of School Day | 7 Hrs 0 Mins |
| Full Time - Instructional Time | 6 Hrs. 36 Mins. |
| Shared Time - Instructional Time | $*$ |

## Student Suspension Rate

This table shows the percentage of students who received one or more in-school suspensions, one or more out-of-school suspensions, and one or more suspensions of any type during the school year. Students receiving both in-school and out-of-school suspensions will be counted in all rows of the table. Students who received more than one suspension are counted only one time in each category below.

| Suspension Types | \% of Students |
| :--- | :---: |
| In-School Suspensions | $0.0 \%$ |
| Out-of-School Suspensions | $0.0 \%$ |
| Any Suspension | $0.0 \%$ |

## Violence, Vandalism, HIB, and Substance Offenses

This table shows the number of incidents reported by type. A single incident may be counted under multiple incident types. The total unique incidents provides a non-duplicated count of incidents. The final row shows a rate of incidents for every 100 students enrolled in the school.

| Incident Type | Number of Incidents |
| :--- | :---: |
| Violence | 0 |
| Vandalism | 0 |
| Weapons | 0 |
| Substances | 0 |
| Harassment, Intimidation, Bullying (HIB) | 0 |
| Total Unique Incidents | 0 |
| Incidents Per 100 Students Enrolled | 0.00 |

## Student Expulsions

This table shows the number of students who were expelled from the school during the school year. An expulsion is when a student is removed from a school and does not receive any further educational services during the school year.

| Category | Number of Students |
| :--- | :---: |
| Expulsions | 0 |

## Technology Readiness

This table shows information that was collected through the optional NJTRAx survey to determine a school's technology readiness. The student to device ratio shows the number of students for every computer or tablet in the school. The internet speed is the internet bandwidth per 1000 students enrolled in the district measured in megabits per second. The connectivity between schools is a school's LAN network architecture. The NJTRAx survey is optional for schools, so data may not be available for all schools. Additionally, schools that have adopted a Bring Your Own Device (BYOD) policy may have appear to have a very low Student to Device ratio due to this policy decision.

| School Year | Student to Device Ratio | Internet Speed | Recommended <br> Internet Speed | Met <br> Recommended <br> Speed? | Connectivity <br> between <br> Schools | Recommended <br> Connectivity | Met <br> Recommended <br> Connectivity? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2016-17$ | $1: 1$ | 767.8 kbps | 100 kbps | Yes | Fiber | Fiber | Yes |

## Per-Pupil Expenditures (District Level)

This table shows the total current expenses for regular and special education students taught within the district's schools. It includes expenditures for instruction, support services, administration, operations and maintenance, extra-curricular activities, and community service. More information about district and charter school spending can be found using districts' User Friendly Budgets, or the NJDOE Finance District Report Search of the Comprehensive Annual Financial Reports (CAFRs) and Auditor's Management Reports (AMRs).

| Per-Pupil Expenditures | Federal | State/ <br> Local | Total |
| :--- | :---: | :---: | :---: |
| District Total (2015-2016) | $\$ 919$ | $\$ 15,739$ | $\$ 16,658$ |

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This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers - Experience

This table shows information about experience for teachers assigned to this school and across the state.

| Category | Teachers <br> in School | Teachers <br> in State |
| :--- | :---: | :---: |
| Total Number of teachers | N | 120,724 |
| Average years experience in <br> public schools | N | 11.8 |
| Average years experience in <br> district | N | 10.5 |
| Teachers in district for 4 or more <br> years | N | $74 \%$ |

## Administrators - Experience (District Level)

This table shows information about experience for administrators assigned to this district and across the state.

| Category | Admin. in <br> District | Admin. in <br> State |
| :--- | :---: | :---: |
| Total Number of administrators | 9 | 9,506 |
| Average years experience in public <br> schools | 15.6 | 15.9 |
| Average years experience in district | 6.2 | 11.6 |
| Administrators in district for 4 or <br> more years | $78 \%$ | $74 \%$ |

## Student to Staff Ratios

This table shows the number of students per staff member in the school and district. Ratios for librarians, nurses, counselors, and child study team members are only reported at the district level because many staff in these jobs are assigned only to the district and not to individual schools.

| Staff Type | School <br> Students: <br> Staff | District <br> Students: <br> Staff |
| :--- | :---: | :---: |
| Teachers | N | $14: 1$ |
| Administrators | N | $116: 1$ |
| Librarian/Media <br> Specialists |  | $1042: 1$ |
| Nurses |  | $521: 1$ |
| Counselors |  | $261: 1$ |
| Child Study Team |  | $347: 1$ |

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This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

Teachers and Administrators - Level of Education
This chart shows the highest level of education attained by the teachers and administrators at this school. The Bachelor's category may include other degrees/certificates such as a Specialist's degree. Administrators are required to have a Master's degree or higher.

## Bachelor's Degree

Teacher N
Admin N/A
Master's Degree
Teacher N
Admin $\quad \mathrm{N}$
Doctoral Degree
Teacher N
Admin N

## Teachers and Administrators - One-Year Retention (District Level)

This table shows the percentage of teachers and administrators assigned to the district in 2015-16 that were still assigned to the district in 2016-17. Staff who are not retained may have changed districts or no longer work for the state (including retirements).

| Job Type | District | State |
| :---: | :---: | :---: |
| 2015-16 Teachers: Same district 2016-17 | $85 \%$ | $89 \%$ |
| 2015-16 Administrators: Same district 2016-17 | $89 \%$ | $88 \%$ |

## Faculty Attendance

This table shows the percentage of days that school faculty members were present during the school year. Approved professional days, personal days, staff training days, bereavement days, jury duty, and absences due to extended illness are not counted against days present, and faculty members on long-term leave or disability are excluded from this calculation.

| School Year | \% Days Present |
| :---: | :---: |
| $2016-17$ | $100 \%$ |

# Academy for Mathematics, Science and Engineering 2016-2017 

## Accountability Indicator Scores and Summative Rating

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of comprehensive support. This table shows the indicator scores for each indicator included in the accountability system and the weights that each indicator receives when calculating the overall Summative Score. The Summative Rating is the percentile rank of the Summative Score as compared to other schools across the state. Schools with a summative rating below the 5 th percentile or high schools with a 4 -year graduation rate that is less than or equal to $67 \%$ are identified for Comprehensive Support. For more information about New Jersey's accountability system and how these indicator scores were calculated, see these accountability resources.

| Accountability Indicator | Indicator Score | Indicator Weight |
| :---: | :---: | :---: |
| English Language Arts Proficiency | 96.3 | 17.5\% |
| Mathematics Proficiency | 97.2 | 17.5\% |
| Graduation - 4-Year | 93.2 | 25.0\% |
| Graduation - 5-Year | 62.2 | 25.0\% |
| Chronic Absenteeism | 95.5 | 15.0\% |
| Progress Towards English Language Proficiency (coming 2018) | XA | XAE |
| Summative Score: Sum of all indicator scores multiplied by indicator weights |  | 87.0 |
| Summative Rating: Percentile rank of Summative Score |  | 94.1 |
| Requires Comprehensive Support: Summative Rating is less than or equal to 5th percentile |  | No |
| Requires Comprehensive Support: 4-year Graduation Rate less than or equal to 67\% |  | No |

[^10]$\dagger$ Indicator weights for this school were adjusted due to data availability.

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## Accountability Summary by Student Group

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of Targeted Support. Any student group where the summative score would be in the bottom $5 \%$ of schools (see previous page) is identified for Targeted Support for a Low-Performing Student Group. If any student group is identified for Targeted Support, this will be noted in the Schoolwide row in the table. Schools in which one or more student groups miss annual targets for all indicators two years in a row are identified for Targeted Support for a Consistently Underperforming Student Group. In the table below, schools in which one or more student groups miss annual targets for all indicators are noted to be At Risk for being identified for Targeted Support for the 2017-18 school year. Annual targets for proficiency and graduation rate are set based on a school or student group's performance in 2015-16. The target for chronic absenteeism is the statewide average for all students. For more details on accountability targets, see these accountability resources.

| Student Group | Summative Score | Cut-off Score for Targeted Support and Improvement | Requires Targeted Support and Improvement for 2016-17 | English Language Arts Proficiency | Mathematics Proficiency | Chronic Absenteeism | Graduation <br> Rate - 4-Year | Graduation <br> Rate - 5-Year | At Risk for Consistently Underperformi ng Student Group |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 87.0 | 6.2 | No | Met Goal | Met Goal | Met Target | Met Goal | Met Goal | No |
| White | ** | ** | No | ** | ** | ** | ** | ** | No |
| Hispanic | ** | ** | No | ** | ** | ** | N | ** | No |
| Black or African American | ** | ** | No | ** | ** | ** | N | N | No |
| Asian, Native Hawaiian, or Pacific Islander | ** | ** | No | Met Goal | N | Met Target | ** | ** | No |
| American Indian or Alaska Native | ** | ** | No | ** | ** | ** | N | N | No |
| Two or More Races | ** | ** | No | ** | ** | ** | N | N | No |
| Economically Disadvantaged Students | ** | ** | No | ** | ** | ** | N | N | No |
| Students with Disabilities | ** | ** | No | ** | ** | ** | N | N | No |
| English Learners | ** | ** | No | ** | ** | ** | N | N | No |

[^11]$\dagger$ Target was met within a confidence interval.

## School General Info

| School General Info |  |  |  |
| :---: | :---: | :---: | :---: |
| Principal: | Ms. Castelli | Email Address: | castellis@mcvts.org |
| Address: | 520 WEST MAIN STREET ROCKAWAY, NJ 07866-3799 | Website: | www.mcvts.org |
| Phone: | (973)664-2301 |  |  |

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.

| Highlights: | MSE Academy is ranked 2nd in the nation and 1st in New Jersey by Newsweek Magazine. Highest SAT scores in <br> New Jersey. |
| :--- | :--- |
|  | The mission of the Morris County Vocational School District is to provide vocational and enrichment programs that <br> inspire and prepare students to succeed in today's world and pursue tomorrow's opportunities. |
| Mission, Vision, |  |

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.


The Academy for Mathematics, Science, and Engineering (MSE) is a rigorous, highly competitive four-year program for Morris County students with career interests in mathematics, science, and engineering. The Academy is a collaborative effort between Morris County Vocational School District and Morris Hills Regional School District and is located at Morris Hills High School in Rockaway, New Jersey. Students complete a challenging four-year Career and Technical (CTE) program in engineering science. Through the three-year Science Inquiry and Technology sequence, students develop individual science research projects corresponding to specific career interests. Current student projects involve areas such as aeronautical engineering, meteorology, cryptology, microbiology, computer science, materials science, software engineering, architectural engineering, and computer systems analysis. In their senior year, students work with corporate mentors and complete a 100 -hour internship. The MSE Academy maintains a partnership with the New Jersey Institute of Technology through which students may earn college credits for selected academy courses. Students in the MSE Academy have been accepted to some of the most competitive post secondary institutions including Brown University, Princeton University, Johns Hopkins University, Cornell University, Columbia University, New York University, Carnegie Mellon University, Duke University and Massachusetts Institute of Technology. Students of the academy may participate in co-curricular programs at Morris Hills High School which include twenty-four interscholastic athletic teams and an award-winning fine arts program. Students may choose from fifty-two service organizations, clubs, and activities including student government, literary publications and five honor societies. Please visit the Morris Hills High School website at https://www.mhrd.org/mhhs for more detailed information.

The 2016-17 School Performance Reports are designed to share school and district information collected by the New Jersey Department of Education directly with parents, educators, and communities. The Department believes that the greatest potential to improve school performance and student outcomes is through parents, educators, and community members working together. These reports seek to make that process easier by providing information that can help people to:

- Learn more: The School Performance Reports contain a wealth of data, going far beyond a school's test scores to include information about the staff working in a school, student discipline rates, and the sports and clubs offered.
- Ask questions: These reports can help start a conversation, but they cannot answer all the questions you might have about schools in your community. Use the contact information provided to engage with faculty and administrators at your schools to ask about the data you see in these reports.
- Get involved: Schools need help from parents and communities to help students succeed. Contact your school to find out about school board meetings or parent and community groups.


## Navigating through the reports:

- Download this report to a PDF by clicking the icon at the top of the page.
- Search for specific text or words in these reports by using the search box at the top of the page.
- The menu bar at the top of the page or the table of contents at the left of the screen can be used to move between sections of the report.
- The arrow buttons at the top left of the screen can be used to move between pages of the report.


## Other Resources:

- Review the Parent Summary Report or the district-level report for this school.
- For more detailed information about the data in these reports, where it comes from, and how to use it: Reference Guide or Interpretive Video.
- Download the data used in these reports.
- Want to give us feedback? Take our feedback survey: surveylink
- Questions about the reports? Contact us at reportcard@doe.nj.gov


## Footnotes

1. An "*" indicates that data is not displayed to protect student privacy; " N " indicates no data is available to display.
2. ** ESSA accountability targets are only included if data is available for at least 20 students.

Note: Additional footnotes may exist within the reports specific to certain data tables. In those instances, the footnotes will be displayed below the applicable table.

## Morris County School of Technology 2016-2017

## Enrollment Trends by Grade

This table shows the number of students enrolled by grade for the past three school years. Ungraded students are students who are "on roll" but are educated in ungraded classrooms.

| Grade | $2014-15$ | $2015-16$ | $2016-17$ |
| :---: | :---: | :---: | :---: |
| 9 | 200 | 178 | 188 |
| 10 | 163 | 190 | 171 |
| 11 | 225 | 238 | 263 |
| 12 | 215 | 219 | 235 |
| Ungraded | 26 | 27 | 36 |
| Total | 829 | 851 | 893 |

## Enrollment Trends by Student Group

This table shows the percentage of students by student group for the past three school years. Data for some student groups was not available before 2016-17.

| Student Group | $2014-15$ | $2015-16$ | $2016-17$ |
| :--- | :---: | :---: | :---: |
| Female | $54 \%$ | $55 \%$ | $55 \%$ |
| Male | $46 \%$ | $45 \%$ | $45 \%$ |
| Economically <br> Disadvantaged Students | $11 \%$ | $7 \%$ | $8 \%$ |
| Students with Disabilities | $17 \%$ | $16 \%$ | $16 \%$ |
| English Learners | $0 \%$ | $0 \%$ | $0 \%$ |
| Homeless Students |  |  | $0 \%$ |
| Students in Foster Care |  |  | $0 \%$ |
| Military-Connected Students |  |  | $0 \%$ |
| Migrant Students |  |  | $0 \%$ |

## Enrollment Trends by Full and Shared Time

This table shows the number of full and shared time students. The full time equivalent is the number of full time students plus half the number of shared time students.

| Enrollment Status | $2016-17$ |
| :--- | :---: |
| Full Time Students | 714 |
| Shared Time Students | 356 |
| Full Time Equivalent | 892 |

## Enrollment by Home Language

This table shows the percentage of students by primary home language. Only the top 5 languages with at least $1 \%$ of students are shown. All other students are included in Other Languages.

| Home Language | \% of Students |
| :--- | :--- |
| English | $91.8 \%$ |
| Spanish | $3.8 \%$ |
| Other | $4.8 \%$ |

## Morris County School of Technology

 2016-2017Grade Span 09-12

## English Language Arts/Literacy Assessment - Participation and Performance

This table shows information about the English Language Arts/Literacy section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 347 | 96.9 | 89.40 | 90.60 | 54.90 | 89.4 | 80 | Met Goal |
| White | 225 | 96.2 | 88.90 | * | 63.90 | 88.9 | 80 | Met Goal |
| Hispanic | 27 | 96.6 | 74.00 | 75.00 | 39.80 | 74 | 80 | Met Target $\dagger$ |
| Black or African American | * | * | * | * | 35.20 | * | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | 80 | 98.8 | 96.30 | * | 80.70 | 96.3 | 80 | Met Goal |
| American Indian or Alaska Native | N | N | N | * | 53.70 | N | ** | ** |
| Two or More Races | * | * | * | * | 54.90 | * | ** | ** |
| Female | 221 | 95.3 | 91.00 | * | 62.20 | 91 |  |  |
| Male | 126 | 100.0 | 86.60 | * | 48.10 | 86.6 |  |  |
| Economically Disadvantaged Students | 10 | 100.0 | 100.00 | 100.00 | 36.20 | 100 | ** | ** |
| Non-Economically Disadvantaged Students | 337 | 96.8 | 89.00 | 90.30 | 65.80 | 89 |  |  |
| Students with Disabilities | 11 | 91.7 | 81.80 | * | 20.50 | 78.9 | ** | ** |
| Students without Disabilities | 336 | 97.1 | 89.60 | * | 61.90 | 89.6 |  |  |
| English Learners | N | N | N | N | 25.20 | N | ** | ** |
| Non-English Learners | 347 | 96.9 | 89.40 | 90.60 | 57.40 | 89.4 |  |  |
| Homeless Students | N | N | N | N | 26.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 24.80 | N |  |  |
| Military-Connected Students | N | N | N | N | 53.50 | N |  |  |
| Migrant Students | N | N | N | N | 23.00 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Morris County School of Technology

2016-2017
Grade Span 09-12

English Language Arts/Literacy Assessment - Performance by Grade: Grade 9
This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 188 | 792 | 794 | 749 | 0\% | * | * | 43\% | 53\% | 95\% | 52\% |
| White | 120 | 786 | * | 757 | * | * | * | 54\% | 41\% | 95\% | 62\% |
| Hispanic | * | * | * | 733 | * | * | * | * | * | * | 35\% |
| Black or African American | * | * | * | 730 | * | * | * | * | * | * | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | 45 | 810 | 813 | 777 | * | * | * | * | 87\% | 100\% | 80\% |
| American Indian or Alaska Native | N | N | N | 745 | N | N | N | N | N | N | 49\% |
| Two or More Races | * | * | * | 746 | * | * | * | * | * | * | 48\% |
| Female | 123 | 794 | * | 756 | * | * | * | 41\% | 55\% | 96\% | 60\% |
| Male | 65 | 788 | * | 741 | * | * | * | 46\% | 48\% | 94\% | 43\% |
| Economically Disadvantaged Students | * | * | * | 731 | * | * | * | * | * | * | 32\% |
| Non-Economically Disadvantaged Students | * | * | * | 758 | * | * | * | * | * | * | 62\% |
| Students with Disabilities | * | * | * | 714 | * | * | * | * | * | * | 13\% |
| Students without Disabilities | * | * | * | 754 | * | * | * | * | * | * | 58\% |
| English Learners | N | N | N | 690 | N | N | N | N | N | N | * |
| Non-English Learners | 188 | 792 | 794 | 752 | 0\% | * | * | 43\% | 53\% | 95\% | * |
| Homeless Students | N | N | N | 719 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 718 | N | N | N | N | N | N | 21\% |
| Military-Connected Students | N | N | N | 746 | N | N | N | N | N | N | 45\% |
| Migrant Students | N | N | N | 705 | N | N | N | N | N | N | * |

## Morris County School of Technology

2016-2017
Grade Span 09-12

## English Language Arts/Literacy Assessment - Performance by Grade: Grade 10

This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 160 | 782 | 788 | 743 | * | * | 11\% | 41\% | 41\% | 83\% | 46\% |
| White | 105 | 777 | * | 749 | * | * | 11\% | 50\% | 32\% | 82\% | 52\% |
| Hispanic | * | * | * | 728 | * | * | * | * | * | * | 34\% |
| Black or African American | * | * | * | 725 | * | * | * | * | * | * | 31\% |
| Asian, Native Hawaiian, or Pacific Islander | 35 | 804 | 811 | 774 | 0\% | 0\% | * | * | 69\% | 91\% | 74\% |
| American Indian or Alaska Native | N | N | N | 740 | N | N | N | N | N | N | 42\% |
| Two or More Races | * | * | * | 737 | * | * | * | * | * | * | 42\% |
| Female | 99 | 785 | 789 | 752 | * | * | * | 41\% | 43\% | 85\% | 54\% |
| Male | 61 | 776 | 785 | 734 | * | * | * | 41\% | 38\% | 79\% | 39\% |
| Economically Disadvantaged Students | * | * | * | 726 | * | * | * | * | * | * | 32\% |
| Non-Economically Disadvantaged Students | * | * | * | 751 | * | * | * | * | * | * | 54\% |
| Students with Disabilities | * | * | * | 704 | * | * | * | * | * | * | 12\% |
| Students without Disabilities | * | * | * | 749 | * | * | * | * | * | * | 52\% |
| English Learners | N | N | N | 681 | N | N | N | N | N | N | * |
| Non-English Learners | 160 | 782 | 788 | 745 | * | * | 11\% | 41\% | 41\% | 83\% | * |
| Homeless Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |
| Students in Foster Care | N | N | N | 710 | N | N | N | N | N | N | 20\% |
| Military-Connected Students | N | N | N | 733 | N | N | N | N | N | N | 35\% |
| Migrant Students | N | N | N | 694 | N | N | N | N | N | N | * |

## Morris County School of Technology

2016-2017
Grade Span 09-12

This table shows participation and performance on the English Language Arts/Literacy (ELA/L) section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by grade level exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: <br> Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 166 | 770 | 772 | 736 | 6\% | 6\% | 16\% | 42\% | 31\% | 72\% | 38\% |
| White | 101 | 767 | 769 | 738 | * | * | 20\% | 40\% | 29\% | 68\% | 40\% |
| Hispanic | 24 | 775 | * | 731 | * | * | * | * | 46\% | 71\% | 34\% |
| Black or African American | * | * | * | 728 | * | * | * | * | * | * | 30\% |
| Asian, Native Hawaiian, or Pacific Islander | 34 | 777 | * | 756 | 0\% | * | * | 56\% | * | 82\% | 58\% |
| American Indian or Alaska Native | N | N | N | 731 | N | N | N | N | N | N | 30\% |
| Two or More Races | * | * | * | 731 | * | * | * | * | * | * | 36\% |
| Female | 96 | 772 | * | 744 | * | * | 17\% | 43\% | 32\% | 75\% | 46\% |
| Male | 70 | 767 | * | 729 | * | * | 14\% | 40\% | 29\% | 69\% | 31\% |
| Economically Disadvantaged Students | * | * | * | 729 | * | * | * | * | * | * | 32\% |
| Non-Economically Disadvantaged Students | * | * | * | 740 | * | * | * | * | * | * | 42\% |
| Students with Disabilities | * | * | * | 709 | * | * | * | * | * | * | 12\% |
| Students without Disabilities | * | * | * | 741 | * | * | * | * | * | * | 43\% |
| English Learners | N | N | N | 699 | N | N | N | N | N | N | * |
| Non-English Learners | 166 | 770 | 772 | 737 | 6\% | 6\% | 16\% | 42\% | 31\% | 72\% | * |
| Homeless Students | N | N | N | 722 | N | N | N | N | N | N | 24\% |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | 19\% |
| Military-Connected Students | N | N | N | 723 | N | N | N | N | N | N | 24\% |
| Migrant Students | N | N | N | 713 | N | N | N | N | N | N | 26\% |

## Morris County School of Technology

2016-2017
Grade Span 09-12

27-3365-050 MORRIS
MORRIS COUNTY VOCATIONAL
400 EAST MAIN STREET DENVILLE, NJ 07834-2516

English Language Arts/Literacy Assessment - Performance Trends
This graph shows the percentage of students who met or exceeded expectations for the past three years.


[^12]
## Morris County School of Technology

2016-2017
Grade Span 09-12

## Mathematics Assessment - Participation and Performance

This table shows information about the Mathematics section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment for the school and each student group. The PARCC assessment has five performance levels, where levels 4 and 5 (met or exceeded expectations) indicate students have demonstrated readiness for the next grade level/course and are on track for college and careers. This table shows the number of valid test scores, the percentage of students that took the test, and the percentage of testers that met or exceeded expectations in the school, the district, and across the state. The last three columns of the table show the accountability proficiency rate, the annual target, and whether the school or student group met its annual target as required by the Every Student Succeeds Act (ESSA) accountability. Student groups with the annual target section grayed out are not required to meet annual targets under ESSA accountability. For more details on New Jersey's accountability system, see these accountability resources.

| Student Group | Valid Scores | \% of students Taking Test | School: \% of Testers Met/Exceeded Expectations | District: \% of Testers Met/Exceeded Expectations | State: \% of Testers Met/Exceeded Expectations | Proficiency Rate for Federal Accountability | 2016-17 Annual Target | Met 2016-17 Annual Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 328 | 97.1 | 70.70 | 73.10 | 43.50 | 70.7 | 72.8 | Met Target $\dagger$ |
| White | 214 | 96.4 | 64.00 | * | 52.40 | 64 | 69.1 | Met Target $\dagger$ |
| Hispanic | 26 | 96.4 | 76.90 | * | 27.60 | 76.9 | 66.4 | Met Target |
| Black or African American | * | * | * | * | 21.70 | * | ** | ** |
| Asian, Native Hawaiian, or Pacific Islander | 75 | 98.7 | 92.00 | 93.70 | 75.60 | 92 | 80 | Met Goal |
| American Indian or Alaska Native | N | N | N | * | 42.50 | N | ** | ** |
| Two or More Races | * | * | * | * | 44.90 | * | ** | ** |
| Female | 212 | 95.5 | 67.40 | 69.60 | 44.10 | 67.4 |  |  |
| Male | 116 | 100.0 | 76.70 | 78.80 | 42.90 | 76.7 |  |  |
| Economically Disadvantaged Students | 10 | 100.0 | 70.00 | 70.00 | 25.10 | 70 | ** | ** |
| Non-Economically Disadvantaged Students | 318 | 97.0 | 70.80 | 73.20 | 54.30 | 70.8 |  |  |
| Students with Disabilities | 11 | 91.7 | 36.40 | * | 16.50 | 35.1 | ** | ** |
| Students without Disabilities | 317 | 97.2 | 71.90 | * | 48.80 | 71.9 |  |  |
| English Learners | N | N | N | N | 23.30 | N | ** | ** |
| Non-English Learners | 328 | 97.1 | 70.70 | 73.10 | 45.20 | 70.7 |  |  |
| Homeless Students | N | N | N | N | 16.40 | N |  |  |
| Students In Foster Care | N | N | N | N | 15.10 | N |  |  |
| Military-Connected Students | N | N | N | N | 39.90 | N |  |  |
| Migrant Students | N | N | N | N | 18.20 | N |  |  |

** ESSA accountability targets are only included if data is available for at least 20 students
$\dagger$ Target was met within a confidence interval.

## Morris County School of Technology

2016-2017
Grade Span 09-12

27-3365-050 MORRIS

## Mathematics Assessment - Performance by Test: Algebra I

This table shows participation and performance on the Mathematics section of the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment by end of course exam. This table shows by school and student group the number of valid test scores and the mean scale score for the school, district, and state. It also shows the percentage of students at each performance level and the percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state.

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 68 | 754 | 755 | 743 | * | * | 29\% | 57\% | * | 60\% | 42\% |
| White | 56 | 752 | * | 751 | * | * | 32\% | 57\% | * | 59\% | 52\% |
| Hispanic | * | * | * | 728 | * | * | * | * | * | * | 24\% |
| Black or African American | N | N | N | 724 | N | N | N | N | N | N | 19\% |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | 774 | * | * | * | * | * | * | 76\% |
| American Indian or Alaska Native | N | N | N | 736 | N | N | N | N | N | N | 30\% |
| Two or More Races | N | N | N | 741 | N | N | N | N | N | N | 41\% |
| Female | 49 | 755 | * | 744 | * | * | * | 59\% | * | 63\% | 43\% |
| Male | 19 | 751 | * | 741 | * | * | * | 53\% | * | 53\% | 40\% |
| Economically Disadvantaged Students | * | * | * | 727 | * | * | * | * | * | * | 23\% |
| Non-Economically Disadvantaged Students | * | * | * | 751 | * | * | * | * | * | * | 52\% |
| Students with Disabilities | * | * | * | 714 | * | * | * | * | * | * | 10\% |
| Students without Disabilities | * | * | * | 747 | * | * | * | * | * | * | 47\% |
| English Learners | N | N | N | 708 | N | N | N | N | N | N | * |
| Non-English Learners | 68 | 754 | * | 745 | * | * | 29\% | 57\% | * | 60\% | * |
| Homeless Students | N | N | N | 718 | N | N | N | N | N | N | 13\% |
| Students in Foster Care | N | N | N | 711 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 742 | N | N | N | N | N | N | 37\% |
| Migrant Students | N | N | N | 715 | N | N | N | N | N | N | 21\% |

## Morris County School of Technology

2016-2017
Grade Span 09-12

27-3365-050 MORRIS

## Mathematics Assessment - Performance by Test: Geometry


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state

| Student Group | Valid Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: <br> Approached <br> Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | $\%$ of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 157 | 756 | 761 | 734 | * | 8\% | 21\% | 62\% | * | 69\% | 30\% |
| White | 91 | 751 | 753 | 740 | * | * | 26\% | 60\% | * | 63\% | 38\% |
| Hispanic | * | * | * | 722 | * | * | * | * | * | * | 14\% |
| Black or African American | * | * | * | 719 | * | * | * | * | * | * | * |
| Asian, Native Hawaiian, or Pacific Islander | 44 | 770 | 779 | 758 | 0\% | * | * | 71\% | * | 89\% | 65\% |
| American Indian or Alaska Native | N | N | N | 730 | N | N | N | N | N | N | 29\% |
| Two or More Races | * | * | * | 733 | * | * | * | * | * | * | 32\% |
| Female | 97 | 753 | 757 | 735 | * | * | 22\% | 59\% | * | 65\% | 31\% |
| Male | 60 | 760 | 767 | 733 | * | * | 20\% | 68\% | * | 77\% | 30\% |
| Economically Disadvantaged Students | * | * | * | 721 | * | * | * | * | * | * | 13\% |
| Non-Economically Disadvantaged Students | * | * | * | 740 | * | * | * | * | * | * | 39\% |
| Students with Disabilities | * | * | * | 711 | * | * | * | * | * | * | * |
| Students without Disabilities | * | * | * | 738 | * | * | * | * | * | * | * |
| English Learners | N | N | N | 710 | N | N | N | N | N | N | * |
| Non-English Learners | 157 | 756 | 761 | 735 | * | 8\% | 21\% | 62\% | * | 69\% | * |
| Homeless Students | N | N | N | 717 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 713 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 727 | N | N | N | N | N | N | 15\% |
| Migrant Students | N | N | N | 704 | N | N | N | N | N | N | * |

## Morris County School of Technology

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## Mathematics Assessment - Performance by Test: Algebra II


 percentage of students who met or exceeded expectations (Level 4 or 5) for the school and the state

| Student Group | Valid <br> Scores | Mean Scale Score | District Mean Scale Score | State Mean Scale Score | \% Level 1: Did Not Yet Meet Expectations | \% Level 2: Partially Met Expectations | \% Level 3: Approached Expectations | \% Level 4: Met Expectations | \% Level 5: Exceeded Expectations | \% of Testers Met/ Exceeded Expectations | State \% of Testers Met / Exceeded Expectation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 175 | 747 | 746 | 725 | 16\% | 15\% | 17\% | 45\% | 7\% | 52\% | 28\% |
| White | 119 | 743 | * | 731 | * | 19\% | 21\% | 39\% | * | 45\% | 33\% |
| Hispanic | 15 | 725 | * | 710 | * | * | * | * | 0\% | 27\% | 14\% |
| Black or African American | * | * | * | 703 | * | * | * | * | * | * | * |
| Asian, Native Hawaiian, or Pacific Islander | * | * | * | 761 | * | * | * | * | * | * | 62\% |
| American Indian or Alaska Native | N | N | N | 715 | N | N | N | N | N | N | 20\% |
| Two or More Races | * | * | * | 718 | * | * | * | * | * | * | 25\% |
| Female | 110 | 745 | * | 725 | 16\% | * | * | 44\% | * | 49\% | 27\% |
| Male | 65 | 750 | * | 725 | 17\% | * | * | 48\% | * | 57\% | 29\% |
| Economically Disadvantaged Students | * | * | * | 708 | * | * | * | * | * | * | 13\% |
| Non-Economically Disadvantaged Students | * | * | * | 733 | * | * | * | * | * | * | 35\% |
| Students with Disabilities | * | * | * | 692 | * | * | * | * | * | * | * |
| Students without Disabilities | * | * | * | 729 | * | * | * | * | * | * | * |
| English Learners | N | N | N | 692 | N | N | N | N | N | N | * |
| Non-English Learners | 175 | 747 | 746 | 726 | 16\% | 15\% | 17\% | 45\% | 7\% | 52\% | * |
| Homeless Students | N | N | N | 702 | N | N | N | N | N | N | * |
| Students in Foster Care | N | N | N | 692 | N | N | N | N | N | N | * |
| Military-Connected Students | N | N | N | 710 | N | N | N | N | N | N | 14\% |
| Migrant Students | N | N | N | 702 | N | N | N | N | N | N | 14\% |

NJ SCHOOL PERFORMANCE REPORT

Morris County School of Technology
2016-2017
Grade Span 09-12

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> Mathematics Assessment - Performance Trends

This graph shows the percentage of students who met or exceeded expectations for the past three years.


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## Alternate Assessments - Participation

This table shows the number of students taking the Dynamic Learning Maps Alternate Assessment, which tests academic progress in English Language Arts (ELA) and Mathematics for students with different types of significant cognitive disabilities.

| Grade | ELA: <br> \# Students Tested | Math: <br> \# Students Tested |
| :---: | :---: | :---: |
| 9 | N | N |
| 10 | N | N |
| 11 | N | N |

## English Language Proficiency Test - Participation and Performance

This table shows, by years in district, the number of English learner students taking the ACCESS for ELLs 2.0 Assessment for English language proficiency. The table also shows the percentage of students tested that received an overall score of 4.5 or above. Students must receive a score of 4.5 or higher to be considered for proficient status.

| Years in District | \# Students <br> Tested | \% Students with <br> Overall Score <br> Below 4.5 | \% Students with <br> Overall Score of <br> 4.5 and above |
| :---: | :---: | :---: | :---: |
| 1 | N | N | N |
| 2 | N | N | N |
| 3 | $*$ | $*$ | $*$ |
| 4 | $*$ | $*$ | $*$ |
| $5+$ | N | N | N |

## Morris County School of Technology <br> 2016-2017

This section shows whether students have gained the knowledge and skills identified in the Biology section of the Science Core Curriculum Standards as measured by the End of Course Biology test. The assessment has three proficiency categories. Students performing at "Proficient" and "Advanced Proficient" have demonstrated readiness for the next grade-level/course.

## Biology Assessment - Performance

This table shows the percentage of students in each proficiency category for the school and each student group and also provides a comparison to the statewide percentages.

| Student Group | \% Advanced <br> Proficient | \% Proficient | \% Partially <br> Proficient |
| :--- | :---: | :---: | :---: |
| Statewide | $16 \%$ | $42 \%$ | $42 \%$ |
| Schoolwide | $51 \%$ | $45 \%$ | $3 \%$ |
| White | $47 \%$ | $48 \%$ | $5 \%$ |
| Hispanic | $26 \%$ | ${ }^{*}$ | N |
| Black or African American | ${ }^{*}$ | N | N |
| Asian, Native Hawaiian, or Pacific Islander | $73 \%$ | $27 \%$ | N |
| American Indian or Alaska Native | N | N | N |
| Two or More Races | ${ }^{*}$ | ${ }^{*}$ | N |
| Economically Disadvantaged Students | ${ }^{*}$ | ${ }^{*}$ | ${ }^{*}$ |
| Students with Disabilities | ${ }^{*}$ | ${ }^{*}$ | ${ }^{*}$ |
| English Learners | N | N | N |

## Biology Assessment - Proficiency Trends

This graph displays the percentage of students by proficiency category for the past three schoo years.


## Morris County School of Technology

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This section contains information about participation and performance on college entrance examinations. For more information about how participation and performance on the PSAT, SAT, and ACT tests are calculated and how these calculations account for recent changes to the SAT test, please see our Reference Guide.

## PSAT/SAT/ACT - Participation

This table shows the percentage of 10th and 11th graders that took the PSAT 10 or PSAT NMSQT exams in 2016-17. This table also shows the percentage of 12th graders that have taken the SAT or ACT this year or in prior years.

| Test | $\%$ of <br> Students in <br> School | $\%$ of <br> Students in <br> State |
| :--- | :---: | :---: |
| Percentage of students taking the PSAT | $74.3 \%$ | $89.4 \%$ |
| Percentage of students taking the SAT | $63.8 \%$ | $70.0 \%$ |
| Percentage of students taking the ACT | $42.1 \%$ | $28.3 \%$ |

## PSAT/SAT/ACT - Performance

This table shows the average test score, based on highest scoring test, for the PSAT, SAT, and ACT tests by subject area for students in the school and across the state. This table also shows the percentage of students at or above College Readiness Benchmarks for each test. Students that score at or above these benchmarks have a high chance of success in credit-bearing college courses.

| Test | School <br> Average <br> Score | State <br> Average <br> Score | College <br> Readiness <br> Benchmarks | School - \% of <br> Students <br> scoring at or <br> above <br> Benchmark | State - \% of <br> Students <br> scoring at or <br> above <br> Benchmark |
| :--- | :---: | :---: | :---: | :---: | :---: |
| PSAT - Reading and <br> Writing | 589 | 481 | Varies By <br> Grade | $96 \%$ | $67 \%$ |
| PSAT - Math | 570 | 483 | Varies By <br> Grade | $84 \%$ | $49 \%$ |
| SAT - Reading and <br> Writing | 619 | 551 | 480 | $99 \%$ | $77 \%$ |
| SAT - Math | 602 | 552 | 530 | $85 \%$ | $58 \%$ |
| ACT - Reading | 27 | 24 | 22 | $80 \%$ | $65 \%$ |
| ACT - English | 27 | 24 | 18 | $96 \%$ | $79 \%$ |
| ACT - Math | 26 | 24 | 22 | $81 \%$ | $65 \%$ |
| ACT - Science | 25 | 23 | 23 | $70 \%$ | $54 \%$ |

## Morris County School of Technology

2016-2017
Grade Span 09-12

Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are participating in advanced course work such as Advanced Placement (AP) or International Baccalaureate (IB) courses and exams and dual enrollment courses where high school students can enroll in college courses for credit.

## AP/IB Coursework - Participation and Performance

This chart shows the percentage of students out of all 11th and 12th grade students in the school and across the state, who enrolled in one or more AP or IB course, the percentage that took one or more AP or IB exam, and the percentage of students taking one or more exams who received at least one score of at least 3 on AP exams or 4 on IB exams.


## Dual Enrollment Coursework - Participation

This graph shows the percentage students enrolled in at least one dual enrollment course in the school and across the state. Dual enrollment courses allow high school students to enroll in college courses for credit prior to their high school graduation.

## AP/ IB Courses Offered

This table shows the students enrolled in AP/IB courses and the corresponding exams that were taken. Students do not need to take a course to take the exam and not all students enrolled in a course take the exam. The last two rows show the total number of exams taken and the number of exams with scores of at least 3 on AP exams or 4 on IB exams. In the last two rows, students taking multiple exams are counted more than once.

| AP/IB Course | Students Enrolled | Students Tested |
| :--- | :---: | :---: |
| AP Biology | 0 | 4 |
| AP Calculus AB | 16 | 7 |
| AP Calculus BC | 2 | 1 |
| AP Chinese Language and Culture | 0 | 2 |
| AP Computer Science A | 17 | 15 |
| AP Environmental Science | 0 | 1 |
| AP Human Geography | 0 | 1 |
| AP Microeconomics | 0 | 1 |
| AP Physics 1 | 80 | 37 |
| AP Physics B | 0 | 0 |
| AP Psychology |  | 1 |
| Total Exams Taken |  | 70 |
| Exams with scores of at least 3 on AP exams or 4 on <br> IB exams |  | 45 |

Students enrolled in one or more dual enrollment course



## Morris County School of Technology <br> 2016-2017

This section contains information about participation in approved Career and Technical Education (CTE) programs and Structured Learning Experiences. For more information about CTE in New Jersey, please visit http://www.nj.gov/education/cte/.

## Career and Technical Education Participation

The chart below shows the percentage of students within the school and state who were enrolled in courses in approved Career and Technical Education (CTE) programs. Students enrolled in shared-time CTE programs in a county vocational school district are included in both the county vocational school and their sending school.

## CTE Participants

(completed only one course in an approved CTE program)


## CTE Concentrators

(completed two or more courses in a single approved CTE program and/or completed the entire CTE program)


## Structured Learning Experiences Participation

The graph below displays the percentage of students within the school and state who participated in Structured Learning Experiences (SLEs). SLEs can include work-based learning programs, internships, apprenticeships, and service learning experiences and can be paid or unpaid.

## Industry-Valued Credentials Earned

This table shows the number of students that earned at least one industryvalued credential and the number of credentials earned in each Career Cluster® and overall for the 2016-17 school year. Students earning credentials in more than one Career Cluster are counted in multiple rows. Students earning multiple credentials in one Career Cluster are counted more than once in the Industry credentials total.

| Career Cluster | Students with at <br> least one <br> credential earned | Industry <br> credentials earned |
| :--- | :---: | :---: |
| Architecture \& Construction | 49 | 49 |
| Health Science | 80 | 80 |
| Human Services | $*$ | $*$ |
| Manufacturing | $*$ | $*$ |
| Transportation, Distribution \& Logistics | 37 | 37 |
| Total non-duplicated number of <br> students** | 199 |  |
| Total number of credentials earned in <br> all clusters |  | 203 |

**Students may earn credentials in more than one Career Cluster

## Structured Learning Experiences

| School |  |
| :--- | :--- | :--- |
| State |  |
|  |  |

## Morris County School of Technology <br> 2016-2017

Grade Span 09-12

This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Mathematics - Course Participation

This table shows the number of students by grade that were enrolled in Mathematics courses by subject area. Students are counted more than once if they are enrolled in more than one math course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) math course by subject area.

| Grade | Algebra I | Geometry | Algebra II | Pre-Calculus | Calculus | Statistics | Other Math |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 82 | 103 | 3 | 0 | 0 | 0 | 82 |
| 10 | 0 | 60 | 104 | 6 | 0 | 0 | 34 |
| 11 | 0 | 0 | 75 | 103 | 5 | 0 | 62 |
| 12 | 0 | 0 | 0 | 15 | 21 | 0 | 23 |
| Schoolwide | 82 | 163 | 182 | 124 | 26 | 0 | 201 |
| Enrolled in AP/IB Course |  |  |  |  | 16 | 0 | 0 |

## Science - Course Participation

This table shows the number of students by grade that were enrolled in Science courses by subject area. Students are counted more than once if they are enrolled in more than one science course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) science course by subject area.

| Grade | Biology | Chemistry | Earth and <br> Space Science | Environmental <br> Science | Physics | Other Science |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 188 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 170 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 6 | 182 | 33 |
| 12 | 0 | 0 | 0 | 22 | 0 | 22 |
| Schoolwide | 188 | 170 | 0 | 28 | 182 | 55 |
| Enrolled in AP/IB Course | 0 | 0 |  | 0 | 80 | 0 |

## Morris County School of Technology <br> 2016-2017

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This section shows the types of courses that students were enrolled in by grade level for the 2016-17 school year. You can find more information about New Jersey Student Learning Standards on our website and more details about the data in this section in our Reference Guide. English course participation is not included because students are required to take four years of English in high school.

## Social Studies and History - Course Participation

This table shows the number of students by grade that were enrolled in Social Studies and History courses by subject area. Students are counted more than once if they are enrolled in more than one social studies or history course. The bottom row of the table shows the number of students that enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) social studies or history course by subject area.

| Grade | World History | US History I \& II | Economics | Psychology | Sociology | Other Social <br> Studies or History |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 187 | 0 | 0 | 28 | 13 | 9 |
| 10 | 0 | 170 | 0 | 26 | 10 | 20 |
| 11 | 0 | 183 | 23 | 29 | 10 | 34 |
| 12 | 0 | 0 | 30 | 10 | 11 | 15 |
| Schoolwide | 187 | 353 | 53 | 93 | 44 | 78 |
| Enrolled in AP/IB Course | N | N | N | N | N | N |

## World Languages - Course Participation

This table shows the number of students by grade that were enrolled in World Languages courses by language. Students are counted more than once if they are enrolled in more than one language course. The bottom rows of the table show students enrolled in at least one Advanced Placement (AP) or International Baccalaureate (IB) language course, students enrolled in a level 3 or higher language course (such as French III or IV), and the number of students that earned a Seal of Biliteracy by language.

| Grade | Spanish | French | Italian | Latin | German | Chinese | Other Languages |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 120 | 52 | 0 | 0 | 0 | 16 | 0 |
| 10 | 109 | 48 | 0 | 0 | 0 | 5 |  |
| 11 | 58 | 18 | 0 | 0 | 0 | 10 |  |
| 12 | 10 | 8 | 0 | 0 | 0 | 0 |  |
| Schoolwide | 297 | 126 | 0 | 0 | 0 | 0 | 3 |
| Enrolled in AP/IB Course | N | N | N | N | N | 0 | N |
| Enrolled in Level 3 or Higher | 100 | 44 | 0 | 0 | 0 | N |  |
| Earned Seal of Biliteracy | 0 | 0 | 0 | 0 | 0 | 0 | $*$ |

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## Visual and Performing Arts - Course Participation

The top graphs below show the percentages of students that were enrolled in any Visual and Performing Arts classes within the school and across the state. The graphs at the bottom of the page show the percentages of students enrolled in at least one course within each of the four arts disciplines within the school and across the state.

## Grades 9-12:

Students enrolled in one or more visual and performing arts classes


School


State

Students enrolled in one or more classes by discipline:


Morris County School of Technology 2016-2017

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This section contains information about graduation rates and dropout rates for students in grades 9-12. Graduation rates are calculated based on the adjusted cohort graduation rate calculation. You can find more about how these rates are calculated here.

## Graduation Rates

This table shows 4-year and 5-year Graduation Rates for the school and each student group with comparisons to statewide rates. Annual ESSA accountability targets for the Class of 20164 -year rate and the Class of 20155 -year rates are included with a flag for whether the school and each student group met those targets.

| Student Group | School - <br> Class of 2017: 4 Year Rate | State Class of 2017: 4 Year Rate | School - <br> Class of 2016: 5 Year Rate | State - <br> Class of 2016: 5 Year Rate | $\begin{gathered} \text { Class of } \\ \text { 2016: } 4 \\ \text { Year } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Class of } \\ & \text { 2016: } 4 \\ & \text { Year } \\ & \text { Target } \end{aligned}$ | Met Target? | Class of 2015: 5 Year Rate | Class of 2015: 5 Year Target | Met Target? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 99.4\% | 90.5\% | 99.3\% | 91.8\% | 99.3\% | N | Met Goal | 99.3\% | N | Met Goal |
| White | 99.0\% | 94.5\% | 99.0\% | 95.1\% | 99.0\% | N | Met Goal | 98.9\% | N | Met Goal |
| Hispanic | 100.0\% | 84.3\% | 100.0\% | 86.3\% | 100.0\% | ** | ** | 100.0\% | ** | ** |
| Black or African American | * | 83.4\% | * | 85.3\% | * | ** | ** | * | ** | ** |
| Asian, Native Hawaiian or Pacific Islander | 100.0\% | 96.6\% | 100.0\% | 97.5\% | 100.0\% | N | Met Goal | 100.0\% | N | Met Goal |
| American Indian or Alaska Native | N | 92.3\% | N | 86.6\% | N | N | N | N | N | N |
| Two or More Races | * | 91.9\% | * | 93.7\% | * | ** | ** | * | ** | ** |
| Economically Disadvantaged Students | 100.0\% | 83.9\% | 100.0\% | 85.6\% | 100.0\% | ** | ** | 100.0\% | ** | ** |
| Students with Disabilities | 100.0\% | 78.8\% | N | 82.1\% | N | N | N | * | ** | ** |
| English Learners | N | 76.1\% | N | 79.7\% | N | N | N | N | N | N |
| Homeless Students | N | 73.2\% | N | 74.4\% | N | N | N | N |  |  |

## Graduation Rate Trends

This table shows the 4-year and 5-year graduation rates by graduating class.

| Class of | 4-Year Rate | 5-Year Rate |
| :---: | :---: | :---: |
| 2017 | $99.4 \%$ | - |
| 2016 | $99.3 \%$ | $99.3 \%$ |
| 2015 | $99.3 \%$ | $99.3 \%$ |

## Dropout Rate Trends

This table shows the percentage of students in grades 9 12 that dropped out during each of the last three school years for the school and the state.

| School Year | School Rate | State Rate |
| :---: | :---: | :---: |
| $2016-2017$ | $0.1 \%$ | $1.1 \%$ |
| $2015-2016$ | $0.2 \%$ | $1.1 \%$ |
| $2014-2015$ | $0.4 \%$ | $1.1 \%$ |

** ESSA accountability targets are only included if data is available for at least 20 students

## Morris County School of Technology <br> 2016-2017

Grade Span 09-12

This section contains information about students enrolling in colleges and universities after graduation from high school. Postsecondary enrollment information is collected from the National Student Clearinghouse, which collects data from at least $95 \%$ of higher education institutions nationwide.

## Postsecondary Enrollment Rates: Fall

This table shows the enrollment rates of Class of 2017 high school graduates into 2 -year or 4 -year institutions the fall after high school graduation. The following columns show the percentage of these enrolled students by 2-year or 4 -year institution.

| Student Group | \% Enrolled in Any Institution | \% Enrolled in 2-Year Institution | \% Enrolled in 4-Year Institution |
| :---: | :---: | :---: | :---: |
| Statewide | 71.1\% | 29.5\% | 70.5\% |
| Schoolwide | 59.9\% | 31\% | 69\% |
| White | 57.6\% | 30.6\% | 69.4\% |
| Hispanic | 45.7\% | 71.4\% | 28.6\% |
| Black or African American | * | 0\% | * |
| Asian, Native Hawaiian, or Pacific Islander | 94.7\% | 11.1\% | 88.9\% |
| American Indian or Alaska Native | N | N | N |
| Two or More Races | * | * | * |
| Economically Disadvantaged Students | 46.2\% | 61.1\% | 38.9\% |
| Students with Disabilities | 32.1\% | 60\% | 40\% |
| English Learners | N | N | N |

## Postsecondary Enrollment Rates: 16 month

This table shows the enrollment rates of Class of 2016 high school graduates into 2 -year or 4 -year institutions 16 months after high school graduation for the school and each student group. The following columns show the percentage of these enrolled students by 2-year or 4-year institution, public or private institution, or in-state or out-of-state institution.

| Student Group | \% Enrolled in Any Institution | \% Enrolled in 2-Year Institution | \% Enrolled in 4-Year Institution | \% Enrolled in Public Institution | \% Enrolled in Private Institution | \% Enrolled in In-State Institution | \% Enrolled in Out-ofState Institution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statewide | 76.1\% | 33.6\% | 66.5\% | 73.6\% | 26.4\% | 65.5\% | 34.6\% |
| Schoolwide | 68.5\% | 29.8\% | 70.2\% | 69.1\% | 30.9\% | 61.3\% | 38.7\% |
| White | 66.2\% | 29.3\% | 70.7\% | 69.2\% | 30.8\% | 58.7\% | 41.4\% |
| Hispanic | 61\% | 56\% | 44\% | 92\% | 8\% | 88\% | 12\% |
| Black or African American | * | * | * | * | * | * | * |
| Asian, Native Hawaiian, or Pacific Islander | 92.9\% | 7.7\% | 92.3\% | 57.7\% | 42.3\% | 50\% | 50\% |
| American Indian or Alaska Native | * | * | * | * | * | * | * |
| Two or More Races | * | * | * | * | * | * | * |
| Economically Disadvantaged Students | 57.9\% | 90.9\% | 9.1\% | 81.8\% | 18.2\% | 72.7\% | 27.3\% |
| Students with Disabilities | 43.1\% | 75\% | 25\% | 82.1\% | 17.9\% | 92.9\% | 7.1\% |
| English Learners | N | N | N | N | N | N | N |

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This section shows information about student absences which provides important information about a school's culture and climate. In addition, research shows that student absences impact a child's ability to succeed in school. The New Jersey Department of Education selected chronic absenteeism as its measure of school quality and student success for the ESSA accountability plan. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.

## Chronic Absenteeism

This table shows the percentage of students in grades K-12 in the school and each student group who were chronically absent. This table also shows whether the school and each student group met the ESSA accountability targets for 201617.

| Student Group | \% Chronically <br> Absent | 2016-17 <br> Target | Met <br> 2016-17 <br> Target |
| :--- | :---: | :---: | :---: |
| Schoolwide | 3.00 | 14.30 | Met Target |
| White | 4.00 | 14.30 | Met Target |
| Hispanic | 0 | 14.30 | Met Target |
| Black or African American | N | $* *$ | ${ }^{* *}$ |
| Asian, Native Hawaiian, or <br> Pacific Islander | 2.00 | 14.30 | Met Target |
| American Indian or Alaska Native | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Two or More Races | N | ${ }^{* *}$ | ${ }^{* *}$ |
| Economically Disadvantaged <br> Students | 3.30 | 14.30 | Met Target |
| Students with Disabilities | 2.90 | 14.30 | Met Target |
| English Learners | N | $* *$ | $* *$ |

[^13]
## Days Absent

The graph displays the percentage of K-12 students schoolwide by the number of days they were absent during the school year. An absence is defined as being 'not present' and includes both excused and unexcused absences.


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## Chronic Absenteeism by Grade

This graph shows the percentage of students in the school and across the state who were chronically absent for each grade level. Chronic absenteeism is defined as being absent for $10 \%$ or more of the days enrolled during the school year. A student who is not present for any reason, excused, unexcused or for disciplinary action, is considered absent unless permitted by statute or regulation.


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## School Day

This table shows the start and end times and length of school day for a typical student at this school. Instructional time is the amount of time that a typical student was engaged in instructional activities under the supervision of a certified teacher.

| Category | School |
| :--- | :---: |
| Typical Start Time | $8: 00 \mathrm{AM}$ |
| Typical End Time | $2: 55 \mathrm{PM}$ |
| Length of School Day | 6 Hrs 55 Mins |
| Full Time - Instructional Time | 6 Hrs. 0 Mins. |
| Shared Time - Instructional Time | 2 Hrs. 43 Mins. |

## Student Suspension Rate

This table shows the percentage of students who received one or more in-school suspensions, one or more out-of-school suspensions, and one or more suspensions of any type during the school year. Students receiving both in-school and out-of-school suspensions will be counted in all rows of the table. Students who received more than one suspension are counted only one time in each category below.

| Suspension Types | \% of Students |
| :--- | :---: |
| In-School Suspensions | $0.0 \%$ |
| Out-of-School Suspensions | $1.2 \%$ |
| Any Suspension | $1.2 \%$ |

## Violence, Vandalism, HIB, and Substance Offenses

This table shows the number of incidents reported by type. A single incident may be counted under multiple incident types. The total unique incidents provides a non-duplicated count of incidents. The final row shows a rate of incidents for every 100 students enrolled in the school.

| Incident Type | Number of Incidents |
| :--- | :---: |
| Violence | 1 |
| Vandalism | 0 |
| Weapons | 1 |
| Substances | 0 |
| Harassment, Intimidation, Bullying (HIB) | 2 |
| Total Unique Incidents | 4 |
| Incidents Per 100 Students Enrolled | 0.45 |

## Student Expulsions

This table shows the number of students who were expelled from the school during the school year. An expulsion is when a student is removed from a school and does not receive any further educational services during the school year.

| Category | Number of Students |
| :--- | :---: |
| Expulsions | 0 |

## Morris County School of Technology

 2016-2017Grade Span 09-12

27-3365-050 MORRIS
MORRIS COUNTY VOCATIONAL 400 EAST MAIN STREET DENVILLE, NJ 07834-2516

## Technology Readiness

This table shows information that was collected through the optional NJTRAx survey to determine a school's technology readiness. The student to device ratio shows the number of students for every computer or tablet in the school. The internet speed is the internet bandwidth per 1000 students enrolled in the district measured in megabits per second. The connectivity between schools is a school's LAN network architecture. The NJTRAx survey is optional for schools, so data may not be available for all schools. Additionally, schools that have adopted a Bring Your Own Device (BYOD) policy may have appear to have a very low Student to Device ratio due to this policy decision.

| School Year | Student to Device Ratio | Internet Speed | Recommended <br> Internet Speed | Met <br> Recommended <br> Speed? | Connectivity <br> between <br> Schools | Recommended <br> Connectivity | Met <br> Recommended <br> Connectivity? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2016-17$ | $1.1: 1$ | 767.8 kbps | 100 kbps | Yes | Fiber | Fiber | Yes |

## Per-Pupil Expenditures (District Level)

This table shows the total current expenses for regular and special education students taught within the district's schools. It includes expenditures for instruction, support services, administration, operations and maintenance, extra-curricular activities, and community service. More information about district and charter school spending can be found using districts' User Friendly Budgets, or the NJDOE Finance District Report Search of the Comprehensive Annual Financial Reports (CAFRs) and Auditor's Management Reports (AMRs).

| Per-Pupil Expenditures | Federal | State/ <br> Local | Total |
| :--- | :---: | :---: | :---: |
| District Total (2015-2016) | $\$ 919$ | $\$ 15,739$ | $\$ 16,658$ |

## Morris County School of Technology 2016-2017

Grade Span 09-12

This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
Faculty: All classroom teachers and educational support services personnel (such as Librarians, Nurses, Counselors, and Child Study Team members)
Teachers: All classroom teachers
Administrators: Principals, assistant principals, supervisors, coordinators, directors, and other central-office administrators, as well as superintendents and other districtlevel administrators
Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers - Experience

This table shows information about experience for teachers assigned to this school and across the state.

| Category | Teachers <br> in School | Teachers <br> in State |
| :--- | :---: | :---: |
| Total Number of teachers | 73 | 120,724 |
| Average years experience in <br> public schools | 9.2 | 11.8 |
| Average years experience in <br> district | 7.2 | 10.5 |
| Teachers in district for 4 or more <br> years | $67 \%$ | $74 \%$ |

## Administrators - Experience (District Level)

This table shows information about experience for administrators assigned to this district and across the state.

| Category | Admin. in <br> District | Admin. in <br> State |
| :--- | :---: | :---: |
| Total Number of administrators | 9 | 9,506 |
| Average years experience in public <br> schools | 15.6 | 15.9 |
| Average years experience in district | 6.2 | 11.6 |
| Administrators in district for 4 or <br> more years | $78 \%$ | $74 \%$ |

## Student to Staff Ratios

This table shows the number of students per staff member in the school and district. Ratios for librarians, nurses, counselors, and child study team members are only reported at the district level because many staff in these jobs are assigned only to the district and not to individual schools.

| Staff Type | School <br> Students: <br> Staff | District <br> Students: <br> Staff |
| :--- | :---: | :---: |
| Teachers | $12: 1$ | $14: 1$ |
| Administrators | $178: 1$ | $116: 1$ |
| Librarian/Media <br> Specialists |  | $1042: 1$ |
| Nurses |  | $521: 1$ |
| Counselors |  | $261: 1$ |
| Child Study Team |  | $347: 1$ |

## Morris County School of Technology

This section contains information about staff that are assigned to the school and district. Here is an explanation of some of the key terms used in the staff section:
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Full-Time Equivalent: In calculations, staff members are weighted based on the percentage of their time that they are assigned to a school or district. For example - a teacher assigned to a school half time would be weighted $50 \%$ in calculations, but a teacher assigned to a school full time would be weighted $100 \%$ in calculations.

## Teachers and Administrators - Level of Education

This chart shows the highest level of education attained by the teachers and administrators at this school. The Bachelor's category may include other degrees/certificates such as a Specialist's degree. Administrators are required to have a Master's degree or higher.

## Bachelor's Degree



Master's Degree


## Doctoral Degree

| Teacher | N |
| :--- | :--- |
| Admin | N |

## Teachers and Administrators - One-Year Retention (District Level)

This table shows the percentage of teachers and administrators assigned to the district in 2015-16 that were still assigned to the district in 2016-17. Staff who are not retained may have changed districts or no longer work for the state (including retirements).

| Job Type | District | State |
| :---: | :---: | :---: |
| 2015-16 Teachers: Same district 2016-17 | $85 \%$ | $89 \%$ |
| 2015-16 Administrators: Same district 2016-17 | $89 \%$ | $88 \%$ |

## Faculty Attendance

This table shows the percentage of days that school faculty members were present during the school year. Approved professional days, personal days, staff training days, bereavement days, jury duty, and absences due to extended illness are not counted against days present, and faculty members on long-term leave or disability are excluded from this calculation.

| School Year | \% Days Present |
| :---: | :---: |
| $2016-17$ | $97 \%$ |

# Morris County School of Technology 

## Accountability Indicator Scores and Summative Rating

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of comprehensive support. This table shows the indicator scores for each indicator included in the accountability system and the weights that each indicator receives when calculating the overall Summative Score. The Summative Rating is the percentile rank of the Summative Score as compared to other schools across the state. Schools with a summative rating below the 5th percentile or high schools with a 4 -year graduation rate that is less than or equal to $67 \%$ are identified for Comprehensive Support. For more information about New Jersey's accountability system and how these indicator scores were calculated, see these accountability resources.

| Accountability Indicator | Indicator Score | Indicator Weight |
| :---: | :---: | :---: |
| English Language Arts Proficiency | 95.2 | 17.5\% |
| Mathematics Proficiency | 95.5 | 17.5\% |
| Graduation - 4-Year | 88.4 | 25.0\% |
| Graduation - 5-Year | 87.0 | 25.0\% |
| Chronic Absenteeism | 94.9 | 15.0\% |
| Progress Towards English Language Proficiency (coming 2018) | पा¢ | पारA |
| Summative Score: Sum of all indicator scores multiplied by indicator weights |  | 91.5 |
| Summative Rating: Percentile rank of Summative Score |  | 96.3 |
| Requires Comprehensive Support: Summative Rating is less than or equal to 5th percentile |  | No |
| Requires Comprehensive Support: 4-year Graduation Rate less than or equal to 67\% |  | No |

[^14]$\dagger$ Indicator weights for this school were adjusted due to data availability.

# Morris County School of Technology 

 2016-2017
## Accountability Summary by Student Group

New Jersey has developed a school accountability system as required by the Every Student Succeeds Act (ESSA) to identify schools that are in need of Targeted Support. Any student group where the summative score would be in the bottom $5 \%$ of schools (see previous page) is identified for Targeted Support for a Low-Performing Student Group. If any student group is identified for Targeted Support, this will be noted in the Schoolwide row in the table. Schools in which one or more student groups miss annual targets for all indicators two years in a row are identified for Targeted Support for a Consistently Underperforming Student Group. In the table below, schools in which one or more student groups miss annual targets for all indicators are noted to be At Risk for being identified for Targeted Support for the 2017-18 school year. Annual targets for proficiency and graduation rate are set based on a school or student group's performance in 2015-16. The target for chronic absenteeism is the statewide average for all students. For more details on accountability targets, see these accountability resources.

| Student Group | Summative Score | Cut-off Score for Targeted Support and Improvement | Requires Targeted Support and Improvement for 2016-17 | English Language Arts Proficiency | Mathematics Proficiency | Chronic Absenteeism | Graduation Rate - 4-Year | Graduation Rate - 5-Year | At Risk for Consistently Underperformi ng Student Group |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schoolwide | 91.5 | 6.2 | No | Met Goal | Met Target $\dagger$ | Met Target | Met Goal | Met Goal | No |
| White | 91.4 | 6.2 | No | Met Goal | Met Target $\dagger$ | Met Target | Met Goal | Met Goal | No |
| Hispanic | ** | ** | No | Met Target $\dagger$ | Met Target | Met Target | ** | ** | No |
| Black or African American | ** | ** | No | ** | ** | ** | ** | ** | No |
| Asian, Native Hawaiian, or Pacific Islander | 85.6 | 6.2 | No | Met Goal | Met Goal | Met Target | Met Goal | Met Goal | No |
| American Indian or Alaska Native | ** | ** | No | ** | ** | ** | N | N | No |
| Two or More Races | ** | ** | No | ** | ** | ** | ** | ** | No |
| Economically Disadvantaged Students | ** | ** | No | ** | ** | Met Target | ** | ** | No |
| Students with Disabilities | ** | ** | No | ** | ** | Met Target | N | ** | No |
| English Learners | ** | ** | No | ** | ** | ** | N | N | No |

[^15]$\dagger$ Target was met within a confidence interval.

## School General Info

| School General Info |  |  |  |
| :---: | :---: | :--- | :--- |
| Principal: | Ms. Jackson | Email Address: | jacksonl@mcvts.org |
| Address: | 400 EAST MAIN STREET <br> DENVILLE, NJ 07834-2516 | Website: | www.mcvts.org |
| Phone: | Twiter: | https://twitter.com/mcst_cte |  |

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.

| Highlights: | - MCST offers eleven full-time CTE academies and twelve share-time programs. <br> - Seniors can earn up to twenty-two MCST funded college credits from CCM while completing their high school requirements. <br> - MCST offers twenty-two athletic teams competing in the NJAC and the NJTAC and offers nineteen clubs and activities. |
| :---: | :---: |
| - Mission, Vision, , Theme: | The mission of the Morris County Vocational School District is to provide vocational and enrichment programs that inspire and prepare students to succeed in today's world and pursue tomorrow's opportunities. |
| Awards, Recognition Accomplishments: | SkillsUSA Gold Medal Winners, HOSA First Place Medal Winners, Rutgers Distinguished Scholars, National Merit Finalists, NJ Governor School for the Sciences, Blue Ribbon School 2013, US News and World Report America's Best High School 2015 and 2017, Newsweek's America's Top Schools 2015 and 2016 |

## Morris County School of Technology

NJ SCHOOL
PERFORMANCE REPORT

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.

| Courses, Curriculum, Instruction: | Each Academy program has a three-year Career and Technical Education course sequence specific to the career cluster of the academy. Students are required to apply knowledge in order to problem solve and innovate, which are the skills needed for career and college readiness. Every Academy student is required to complete a 120-hour structuredlearning experience (internship) before graduation. |
| :---: | :---: |
| Sports and Athletics: | Sports Offered: Baseball (Boys), Basketball (Boys \& Girls), Bowling (Co-ed), Cross-Country (Boys \& Girls), Golf (Coed), Soccer (Boys \& Girls), Softball (Girls), Volleyball (Girls) <br> MCST offers students opportunities to participate in athletics with a variety of varsity and junior varsity sports. |
| Clubs and Activities: | MCST provides extracurricular activities through a myriad of clubs and organizations, including participation in Career and Technical Student Organizations such as DECA, HOSA and SkillsUSA. These activities help to develop student initiative, provide meaningful opportunities for socialization, foster leadership skills and enable students to explore a wider range of individual interests. |

## School Narrative

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| Staff and Professional <br> Learning: | MCST embraces a collaborative approach to professional learning. Teachers and Administrators engage in <br> collaborative team work around specific goals. In addition to traditional and required staff development, professional <br> learning activities include collaborative teams, teacher-led unconference sessions, job-embedded professional growth <br> support provided by teacher leaders, externship opportunities for CTE teachers, and more. |
| :--- | :--- |
| Postsecondary <br> Information: | With established articulation and dual enrollment programs, students can earn college credits as part of their high <br> school program with New Jersey Institute of Technology, Ramapo College, County College of Morris, Rutgers <br> University School of Health Related Professions, Seton Hall University, Farleigh Dickinson University and Rider <br> University. Ninety-five percent of MCST full-time students go on to post-secondary institutions. |
| Services: | Morris County School of Technology has a full child study team staffed with psychologists and social workers. These <br> professionals work with families to properly implement IEP and 504 accommodations. MCST provides in-class support <br> for courses as required by IEP and 504 documents. Students are also able to take a Study Skills support class each <br> year they attend MCST. |
| Parent and Community |  |
| Involvement: | Parents participate on the District Evaluation Advisory Committee, School Improvement Panel, Five-Year Strategic <br> Planning Committees, HIB Culture and Climate Committee, Food Committee, and the Advisory Council. Full- and <br> share-time programs have an Advisory Council that collectively guides us in our efforts to develop and maintain <br> progressive educational programs. Structured Learning Coordinators work with local businesses to offer senior <br> internships. We have a very supportive PTO. |

## School Narrative

This section allows schools and districts to share highlights, achievements, and other important information about programs, activities, and services that are offered in their own words. If there are questions about the information provided in the narrative section, please contact your school directly.



[^0]:    ${ }^{* *}$ Grade 11 students who take AP/IB English are exempt from taking the PARCCELS exam and their performance may not be reflected in the results.

[^1]:    ** ESSA accountability targets are only included if data is available for at least 20 students.

[^2]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students

[^3]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students.

[^4]:    ${ }^{* *}$ Grade 11 students who take AP/IB English are exempt from taking the PARCCELS exam and their performance may not be reflected in the results.

[^5]:    ** ESSA accountability targets are only included if data is available for at least 20 students.

[^6]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students

[^7]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students.

[^8]:    ${ }^{* *}$ Grade 11 students who take AP/IB English are exempt from taking the PARCCELS exam and their performance may not be reflected in the results.

[^9]:    ** ESSA accountability targets are only included if data is available for at least 20 students.

[^10]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students

[^11]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students.

[^12]:    ${ }^{* *}$ Grade 11 students who take AP/IB English are exempt from taking the PARCCELS exam and their performance may not be reflected in the results.

[^13]:    ** ESSA accountability targets are only included if data is available for at least 20 students.

[^14]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students

[^15]:    ** Indicator scores are only calculated for inclusion in ESSA accountability if data is available for at least 20 students.

