

Connecticut State Department of Education

SCHOOL PROFILE AND PERFORMANCE REPORT FOR SCHOOL YEAR 2024-25



Academy of Aerospace and Engineering Capitol Region Education Council

860-243-0857 • <http://aaen.crecschools.org/home>

School Information

Grade Range	6-12
Enrollment	767
Per Pupil Expenditures	\$18,913
Total Expenditures	\$14,657,312

Expenditure data reflect the 2023-24 school year.

Community Information

AdvanceCT Town Profiles provide summary demographic and economic information for Connecticut's municipalities at <https://www.advancect.org/site-selection/town-profiles>

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Notes

Unless otherwise noted, all data are for 2024-25 and include all grades offered by the school.

In most tables, data are displayed only for the three major race/ethnicity categories. For additional race/ethnicity categories, please visit <https://edsight.ct.gov>

For district totals, please see the district profile.
* When an asterisk is displayed, data have been suppressed to safeguard student confidentiality. Complete data suppression guidelines are available at <https://tinyurl.com/SuppressionPolicy>

N/A is displayed when a category is not applicable for a district or school.

Students

October 1, 2024 Enrollment

Student Group	School Count	School Percent (%)	District Percent (%)
Female	*	*	49.2
Male	445	58.0	50.5
Non-Binary	*	*	0.3
American Indian or Alaska Native	*	*	*
Asian	67	8.7	4.5
Black or African American	256	33.4	31.3
Hispanic or Latino of any race	336	43.8	44.0
Native Hawaiian or Other Pacific Islander	*	*	*
Two or More Races	27	3.5	5.9
White	77	10.0	14.1
English Learners/Multilingual Learners	65	8.5	10.1
Eligible for Free or Reduced-Price Meals	467	60.9	63.2
Students with Disabilities	162	21.1	22.7

The enrollment table represents students in grades PK-12 reported by the district in the Public School Information System (i.e., PSIS Reporting District).

Students with disabilities are students with an individualized education program (IEP) only. This category does not include students with Section 504 plans or services plans.

Chronic Absenteeism and Suspension/Expulsion

Student Group	Chronic Count	Chronic Rate (%)	Suspension Count	Suspension Rate (%)
Female	97	30.9	45	13.9
Male	104	23.7	81	18.0
Non-Binary	0	*	0	*
Black or African American	69	27.5	59	23.0
Hispanic or Latino of any race	114	34.5	53	15.7
White	8	10.5	7	9.1
English Learners/Multilingual Learners	27	42.2	11	16.7
Eligible for Free or Reduced-Price Meals	165	36.9	100	20.8
Students with Disabilities	75	46.6	40	23.8
All Students - School	201	26.7	126	16.3
All Students - District		27.5		9.3

A student is **chronically absent** if they miss ten percent or greater of the total number of days enrolled in the school year for any reason. Pre-Kindergarten students are excluded from this calculation.

A student is included in **suspension count/rate** if they received at least one in-school suspension, out-of-school suspension, or expulsion.

Number of students qualified as truant under state statute: 233
Number of school-based arrests: 0

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Educators

Full-Time Equivalent (FTE) Staff

Role	FTE
General Education Teachers and Instructors	59.0
General Education Paraprofessionals	8.0
Special Education Teachers and Instructors	8.0
Special Education Paraprofessionals	17.0
School Level Administrators	4.0
Library/Media Specialists (Certified)	2.0
Library/Media Support Staff	0.0
Instructional Specialists Who Support Teachers	2.0
Counselors, Social Workers and School Psychologists	7.0
School Nurses	1.0
Other Staff Providing Non-Instructional Services/Support	26.4

In the **full-time equivalent count**, staff members working part-time in the school are counted as a fraction of full-time. For example, a teacher who works half-time in a school contributes 0.50 to the school's staff count.

Educators by Race/Ethnicity

Race/Ethnicity	School Count	School Percent (%)	District Percent (%)
American Indian or Alaska Native	0	0.0	0.1
Asian	2	2.4	1.2
Black or African American	10	12.2	12.1
Hispanic or Latino of any race	10	12.2	7.1
Native Hawaiian or Other Pacific Islander	0	0.0	0.1
Two or More Races	0	0.0	0.1
White	60	73.2	79.3

Classroom Teacher Attendance, 2023-24

Level	Average Number of FTE Days Absent Due to Illness or Personal Time
School	24.4
District	11.9

New! Educator Attrition: 2023-24

Educator Type	School Attrition Count	School Attrition Rate (%)	District Attrition Rate (%)
All Educators	8	9.9	6.9
Teachers	7	10.6	7.5

Teacher Attrition Rate is defined as the percent of certified teachers who were teaching in 2022-23 but were not teaching in 2023-24.

All Educator Attrition Rate is defined as the percent of certified educators who were staffed in a certified educator position in 2022-23 but were not staffed in a certified educator position in 2023-24.

Note: Certified educators/teachers may be assigned at the district level and/or to more than one school in a district. In addition, certified educators/teachers may leave a school but stay within the district. Therefore, the sum of school-level attrition totals may not match the district-level attrition total.

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Instruction and Resources

School-Level Expenditures: 2023-24

Expenditure	Total (\$)	Per Pupil (\$)
Instruction	\$9,063,958	\$11,695
Support Services - Students	\$1,173,006	\$1,514
Improvement of Instruction	\$471,870	\$609
Library and Media Services	\$127,091	\$164
Support Services - Instruction	.	.
Support Services - School-Based Administration	\$1,593,953	\$2,057
Operation and Maintenance of Plant	\$2,064,392	\$2,664
Transportation Other Than to/From Home	\$163,041	\$210
Enterprise Operations	.	.
Total	\$14,657,312	\$18,913

Total per pupil expenditures (PPE) including share of district central expenditures is \$26,783.

Expenditures may be supported by local tax revenues, state grants, federal grants, municipal in-kind services, tuition and other sources.

Students with Disabilities Spending 80% or Greater Time with Nondisabled Peers

Disability	Count	Rate (%)
Autism	10	*
Emotional Disability	*	*
Intellectual Disability	*	*
Learning Disability	77	90.6
Other Health Impairment	32	88.9
Other Disabilities	*	*
Speech/Language Impairment	9	*
All Disabilities - School	136	85.0
All Disabilities - District		0.0

This table includes students ages 6-21 with an IEP or services plan.

11th and 12th Graders Enrolled in College-and-Career-Readiness Courses during High School

Student Group	11th Count	11th Rate (%)	12th Count	12th Rate (%)
Black or African American	30	90.9	32	100.0
Hispanic or Latino of any race	40	87.0	41	100.0
White	15	*	11	*
English Learners/Multilingual Learners	*	*	7	*
Eligible for Free or Reduced-Price Meals	49	86.0	57	98.3
Students with Disabilities	17	73.9	13	*
All Students - School	96	91.4	93	98.9
All Students - District		87.7		87.2

College-and-Career-Readiness Courses include Advanced Placement®(AP), International Baccalaureate®(IB), Career and Technical Education(CTE), workplace experience and dual credit courses.

School Schedule

Category	Value
Days of Instruction	181
Hours of Instruction Per Year: Grades 1-12 and Full-Day Kindergarten	953
Hours of Instruction Per Year: Half/Extended Day Kindergarten	N/A
School Start Time	07:35 AM
School End Time	02:07 PM

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Performance and Accountability

School Performance Index (SPI)

A School Performance Index (SPI) is the average performance of students in a subject area (i.e., ELA, Mathematics or Science) on the state summative assessments. The SPI ranges from 0-100. An SPI is reported for all students tested in a school and for students in each individual student group. Connecticut's ultimate target for an SPI is 75.

Student Group	ELA Count	ELA SPI	Math Count	Math SPI	Science Count	Science SPI
American Indian or Alaska Native	*	*	*	*	*	*
Asian	45	80.4	45	80.9	17	*
Black or African American	138	49.9	138	41.0	66	48.5
Hispanic or Latino of any race	180	50.8	179	40.7	80	49.4
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A
Two or More Races	*	*	*	*	*	*
White	42	74.6	40	64.5	26	77.6
English Learners/Multilingual Learners	67	49.2	67	37.4	17	*
Non-English Learners/Non-Multilingual Learners	363	57.3	360	49.2	187	55.6
Eligible for Free or Reduced-Price Meals	239	48.0	237	38.2	105	44.2
Not Eligible for Free or Reduced-Price Meals	191	66.0	190	58.8	99	65.4
Students with Disabilities	87	36.3	86	26.6	37	36.1
Students without Disabilities	343	61.0	341	52.6	167	58.6
High Needs	270	48.5	267	38.5	113	44.7
Non-High Needs	160	68.6	160	62.1	91	66.7
School	430	56.0	427	47.4	204	54.5

National Assessment of Educational Progress (NAEP): Percent At or Above Proficient

Year	Subject	Grade	CT	National Public
2024	Reading	4	36%	30%
2024	Reading	8	35%	29%
2024	Math	4	42%	39%
2024	Math	8	32%	27%

NAEP is often called the "Nation's Report Card." It is sponsored by the U.S. Department of Education. This table compares Connecticut's performance to that of national public school students. Performance standards for state assessments and NAEP are set independently. Therefore, one should not expect performance results to be the same across Smarter Balanced and NAEP. Instead, NAEP results are meant to complement other state assessment data. Performance on NAEP by student group is available at <https://tinyurl.com/CTNAEP2024>

Physical Fitness Tests: Percent of Students Reaching Health Standard

Test	Grade 4 Percent (%)	Grade 6 Percent (%)	Grade 8 Percent (%)	HS Percent (%)	All Tested Grades Count	All Tested Grades Percent (%)
Sit & Reach	N/A	64.5	68.2	36.6	271	58.7
Curl Up	N/A	84.9	83.0	87.3	270	84.8
Push Up	N/A	53.8	58.7	71.8	268	60.4
Mile Run/PACER	N/A	43.0	27.1	20.5	273	30.8
All Tests - School	N/A	21.5	13.5	*	268	14.6
All Tests - District	46.3	23.8	21.5	35.0		30.4

The Connecticut Physical Fitness Assessment (CPFA) is administered to students in Grades 4, 6, 8 and High School (HS). The health-related fitness scores gathered through the CPFA should be used to educate and motivate children and their families to increase physical activity and develop lifetime fitness habits.

Note: Only students assessed in all four areas are included in the All Tests calculation.

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2023-24 Cohort Graduation: Four-Year

Student Group	Cohort Count	Rate (%)
Black or African American	28	96.4
Hispanic or Latino of any race	42	90.5
White	16	*
English Learners/Multilingual Learners	*	*
Eligible for Free or Reduced-Price Meals	57	91.2
Students with Disabilities	19	*
All Students - School	100	95.0
All Students - District		90.5

The four-year cohort graduation rate represents the percentage of first-time 9th graders who earn a standard high school diploma within four years.

Cohort count includes all students in the cohort as of the end of the 2023-24 school year.

11th and 12th Graders Demonstrating Postsecondary Readiness

Student Group	Count	Rate (%)
Female	54	65.1
Male	58	50.4
Non-Binary	0	*
Black or African American	33	50.8
Hispanic or Latino of any race	38	43.7
White	25	92.6
English Learners/ Multilingual Learners	*	*
Eligible for Free or Reduced-Price Meals	49	42.6
Students with Disabilities	*	*
All Students - School	112	56.3
All Students - District		39.5

Students demonstrate postsecondary readiness through at least one of the following:

- SAT® - meets benchmark on SAT, Revised SAT or Connecticut School Day SAT
- ACT® - meets benchmark score on 3 of 4 exams (benchmark score varies by subject)
- AP® - 3 or higher on any one AP® exam
- IB® - 4 or higher on any one IB® exam
- Earning three or more non-remedial college credits cumulatively during high school.

Sources:

SAT® and AP® statistics derived from data provided by the College Board.

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ACT® statistics derived from data provided by ACT, Inc.

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IB® statistics derived from data provided by the International Baccalaureate Organization.

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College Entrance and Persistence

Student Group	Class of 2024 Entrance Rate (%)	Class of 2023 Persistence Rate (%)
Female	88.4	89.3
Male	69.5	85.7
Non-Binary	N/A	N/A
Black or African American	80.6	76.2
Hispanic or Latino of any race	71.4	84.4
White	*	*
English Learners/ Multilingual Learners	*	*
Eligible for Free or Reduced-Price Meals	70.7	78.6
Students with Disabilities	*	*
All Students - School	77.5	87.0
All Students - District	59.4	76.0

College entrance refers to the percent of high school graduates from the year who enrolled in college any time during the first year after high school.

College persistence refers to the percent of students who enrolled in college the first year after high school and returned for a second year (Freshman to Sophomore persistence).

Source: National Student Clearinghouse

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Next Generation Accountability Results

Connecticut's Next Generation Accountability System is a broad set of 12 indicators that help tell the story of how well a district/school is preparing its students for success in college, careers, and life. It moves beyond test scores and graduation rates to provide a more holistic, multifactor perspective of district and school performance.

Indicator	Student Group	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State Average Index/Rate
ELA Performance Index	All Students	56.0	75	37.3	50	74.7	64.7
ELA Performance Index	High Needs Students	48.5	75	32.3	50	64.7	54.9
Math Performance Index	All Students	47.4	75	31.6	50	63.2	61.1
Math Performance Index	High Needs Students	38.5	75	25.7	50	51.4	50.6
Science Performance Index	All Students	54.5	75	36.3	50	72.7	62.6
Science Performance Index	High Needs Students	44.7	75	29.8	50	59.5	52.1
ELA Academic Growth	All Students	58.3%	100%	58.3	100	58.3	60.6%
ELA Academic Growth	High Needs Students	55.2%	100%	55.2	100	55.2	55.7%
Math Academic Growth	All Students	57.3%	100%	57.3	100	57.3	62.3%
Math Academic Growth	High Needs Students	52.7%	100%	52.7	100	52.7	55.9%
Progress Toward English Proficiency	Literacy	49.2%	100%	24.6	50	49.2	58.7%
Progress Toward English Proficiency	Oral	70.1%	100%	35.1	50	70.1	55.7%
Chronic Absenteeism	All Students	26.7%	<=5%	6.7	50	13.4	17.2%
Chronic Absenteeism	High Needs Students	35.6%	<=5%	0.0	50	0.0	24.8%
% Taking CCR Courses	All Students	95.0%	75%	50.0	50	100.0	92.4%
% Meeting CCR Benchmark	All Students	56.3%	75%	37.5	50	75.0	47.2%
On-track to High School Graduation	All Students	94.2%	94%	50.0	50	100.0	85.9%
4-year Graduation Rate (2024 Cohort)	All Students	95.0%	94%	100.0	100	100.0	88.9%
6-year Graduation Rate (2022 Cohort)	High Needs Students	100.0%	94%	100.0	100	100.0	87.3%
Postsecondary Entrance (Class of 2024)	All Students	77.5%	75%	100.0	100	100.0	67.0%
Physical Fitness % Meeting Health Standard	All Students	14.6%	75%	4.9	50	9.7	49.0%
Arts Access	All Students	42.4%	60%	35.3	50	70.6	55.1%
Accountability Index				960.7	1450	66.3	

Physical Fitness Estimated Participation Rate - School: 80.7% | State: 95.6%

NOTE: A dot (.) appears in the table above when there are fewer than 20 students in the student group or the indicator is not applicable based on grades served.

Gap Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	68.6	48.5	20.1	17.1	Y
Math Performance Index Gap	62.1	38.5	23.5	18.6	Y
Science Performance Index Gap	66.7	44.7	22.1	18.3	Y
Graduation Rate Gap	94.0%	100.0%	0.0%	6.5%	N

If the Non-High Needs Rate exceeds the ultimate target (75 for Performance Index and 94% for graduation rate), the ultimate target is used for gap calculations.

If the size of the gap exceeds the state mean gap plus one standard deviation, the gap is an outlier.

NOTE: A dot (.) appears in the table above when there are fewer than 20 students in at least one of the student groups used to calculate the gap measure or the indicator is not applicable based on grades served. Gap calculations are based on unrounded rates.

Subject	Student Group	Participation Rate (%)
ELA	All Students	98.2
ELA	High Needs Students	97.1
Math	All Students	97.5
Math	High Needs Students	96.0
Science	All Students	96.7
Science	High Needs Students	95.0

Minimum participation standard is 95%.

Supporting Resources: <https://public-edsight.ct.gov/Overview/Next-Generation-Accountability-Dashboard#related-links>