

Connecticut State Department of Education

SCHOOL PROFILE AND PERFORMANCE REPORT FOR SCHOOL YEAR 2024-25



Academy of Computer Science and Engineering Capitol Region Education Council

860-253-0274 • <https://acse.crecschools.org/>

School Information

Grade Range	9-12
Enrollment	550
Per Pupil Expenditures	\$21,615
Total Expenditures	\$11,434,419

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	238	43.3	49.2
Male	312	56.7	50.5
Non-Binary	0	0.0	0.3
American Indian or Alaska Native	0	0.0	*
Asian	9	1.6	4.5
Black or African American	179	32.5	31.3
Hispanic or Latino of any race	278	50.5	44.0
Native Hawaiian or Other Pacific Islander	0	0.0	*
Two or More Races	24	4.4	5.9
White	60	10.9	14.1
English Learners/Multilingual Learners	69	12.5	10.1
Eligible for Free or Reduced-Price Meals	407	74.0	63.2
Students with Disabilities	138	25.1	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	103	46.6	22	9.1
Male	99	33.6	22	7.0
Non-Binary	N/A	N/A	N/A	N/A
Black or African American	56	33.1	20	11.0
Hispanic or Latino of any race	122	46.6	21	7.5
White	14	25.0	*	*
English Learners/Multilingual Learners	32	47.8	7	9.9
Eligible for Free or Reduced-Price Meals	163	44.1	37	8.8
Students with Disabilities	59	47.6	15	10.7
All Students - School	202	39.1	44	7.9
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: 346
Number of school-based arrests: 0

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Educators

Full-Time Equivalent (FTE) Staff

Role	FTE
General Education Teachers and Instructors	44.0
General Education Paraprofessionals	11.0
Special Education Teachers and Instructors	9.6
Special Education Paraprofessionals	9.0
School Level Administrators	3.0
Library/Media Specialists (Certified)	1.0
Library/Media Support Staff	0.0
Instructional Specialists Who Support Teachers	0.0
Counselors, Social Workers and School Psychologists	6.0
School Nurses	1.0
Other Staff Providing Non-Instructional Services/Support	25.9

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	1	1.6	0.1
Asian	1	1.6	1.2
Black or African American	4	6.3	12.1
Hispanic or Latino of any race	2	3.1	7.1
Native Hawaiian or Other Pacific Islander	0	0.0	0.1
Two or More Races	0	0.0	0.1
White	56	87.5	79.3

Classroom Teacher Attendance, 2023-24

Level	Average Number of FTE Days Absent Due to Illness or Personal Time
School	12.5
District	11.9

New! Educator Attrition: 2023-24

Educator Type	School Attrition Count	School Attrition Rate (%)	District Attrition Rate (%)
All Educators	6	9.5	6.9
Teachers	5	9.6	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	\$6,957,886	\$13,153
Support Services - Students	\$951,523	\$1,799
Improvement of Instruction	\$251,112	\$475
Library and Media Services	\$116,326	\$220
Support Services - Instruction	.	.
Support Services - School-Based Administration	\$1,086,129	\$2,053
Operation and Maintenance of Plant	\$1,913,607	\$3,617
Transportation Other Than to/From Home	\$157,836	\$298
Enterprise Operations	.	.
Total	\$11,434,419	\$21,615

Total per pupil expenditures (PPE) including share of district central expenditures is \$29,485.

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	9	*
Emotional Disability	8	*
Intellectual Disability	*	*
Learning Disability	52	85.2
Other Health Impairment	36	87.8
Other Disabilities	*	*
Speech/Language Impairment	*	*
All Disabilities - School	113	83.7
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	52	100.0	26	92.9
Hispanic or Latino of any race	72	98.6	34	91.9
White	20	100.0	12	*
English Learners/Multilingual Learners	19	*	*	*
Eligible for Free or Reduced-Price Meals	113	99.1	52	92.9
Students with Disabilities	33	97.1	10	*
All Students - School	149	99.3	78	94.0
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	1053
Hours of Instruction Per Year: Half/Extended Day Kindergarten	N/A
School Start Time	07:20 AM
School End Time	02:10 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	0	N/A	0	N/A	0	N/A
Asian	*	*	*	*	*	*
Black or African American	49	36.8	49	30.1	47	37.1
Hispanic or Latino of any race	66	42.9	66	33.4	68	41.8
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A
Two or More Races	*	*	*	*	*	*
White	20	53.2	20	43.0	20	55.6
English Learners/Multilingual Learners	23	32.0	23	24.5	23	33.7
Non-English Learners/Non-Multilingual Learners	117	43.7	117	35.0	117	43.7
Eligible for Free or Reduced-Price Meals	103	39.8	103	31.1	102	39.9
Not Eligible for Free or Reduced-Price Meals	37	47.5	37	39.3	38	47.9
Students with Disabilities	32	32.7	32	27.0	32	33.6
Students without Disabilities	108	44.5	108	35.1	108	44.6
High Needs	110	39.3	110	31.0	109	39.3
Non-High Needs	30	51.2	30	41.7	31	51.7
School	140	41.8	140	33.3	140	42.1

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	N/A	N/A	81.8	121	81.8
Curl Up	N/A	N/A	N/A	65.0	100	65.0
Push Up	N/A	N/A	N/A	65.0	100	65.0
Mile Run/PACER	N/A	N/A	N/A	53.0	100	53.0
All Tests - School	N/A	N/A	N/A	38.4	99	38.4
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	85.7
Hispanic or Latino of any race	55	89.1
White	8	*
English Learners/Multilingual Learners	8	*
Eligible for Free or Reduced-Price Meals	78	87.2
Students with Disabilities	18	*
All Students - School	95	88.4
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	44	42.7
Male	40	30.8
Non-Binary	N/A	N/A
Black or African American	26	32.5
Hispanic or Latino of any race	38	34.5
White	16	50.0
English Learners/ Multilingual Learners	6	24.0
Eligible for Free or Reduced-Price Meals	54	31.8
Students with Disabilities	*	*
All Students - School	84	36.1
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	62.0	68.0
Male	52.8	*
Non-Binary	*	N/A
Black or African American	68.0	*
Hispanic or Latino of any race	49.0	*
White	*	*
English Learners/ Multilingual Learners	*	*
Eligible for Free or Reduced-Price Meals	56.5	62.9
Students with Disabilities	*	*
All Students - School	57.5	67.5
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	41.8	75	83.6	150	55.8	64.7
ELA Performance Index	High Needs Students	39.3	75	78.5	150	52.3	54.9
Math Performance Index	All Students	33.3	75	66.6	150	44.4	61.1
Math Performance Index	High Needs Students	31.0	75	62.0	150	41.3	50.6
Science Performance Index	All Students	42.1	75	56.1	100	56.1	62.6
Science Performance Index	High Needs Students	39.3	75	52.4	100	52.4	52.1
ELA Academic Growth	All Students	.	100%	.	.	.	60.6%
ELA Academic Growth	High Needs Students	.	100%	.	.	.	55.7%
Math Academic Growth	All Students	.	100%	.	.	.	62.3%
Math Academic Growth	High Needs Students	.	100%	.	.	.	55.9%
Progress Toward English Proficiency	Literacy	50.1%	100%	25.0	50	50.1	58.7%
Progress Toward English Proficiency	Oral	44.7%	100%	22.3	50	44.7	55.7%
Chronic Absenteeism	All Students	39.1%	<=5%	0.0	50	0.0	17.2%
Chronic Absenteeism	High Needs Students	43.9%	<=5%	0.0	50	0.0	24.8%
% Taking CCR Courses	All Students	97.4%	75%	50.0	50	100.0	92.4%
% Meeting CCR Benchmark	All Students	36.1%	75%	24.0	50	48.1	47.2%
On-track to High School Graduation	All Students	77.0%	94%	41.0	50	81.9	85.9%
4-year Graduation Rate (2024 Cohort)	All Students	88.4%	94%	94.1	100	94.1	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	57.5%	75%	76.7	100	76.7	67.0%
Physical Fitness % Meeting Health Standard	All Students	38.4%	75%	6.4	50	12.8	49.0%
Arts Access	All Students	63.0%	60%	50.0	50	100.0	55.1%
Accountability Index				888.8	1550	57.3	

Physical Fitness Estimated Participation Rate - School: 61.5% | 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	51.2	39.3	12.0	17.1	N
Math Performance Index Gap	41.7	31.0	10.7	18.6	N
Science Performance Index Gap	51.7	39.3	12.4	18.3	N
Graduation Rate Gap	.	100.0%	.	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	93.3
ELA	High Needs Students	92.4
Math	All Students	93.3
Math	High Needs Students	92.4
Science	All Students	94.0
Science	High Needs Students	92.4

Minimum participation standard is 95%.

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