

# SCHOOL PROFILE AND PERFORMANCE REPORT FOR SCHOOL YEAR 2015–16



## Berlin High School Berlin School District

860-828-6577 • <http://www.berlinschools.org>

### School Information

Grade Range 9-12  
Enrollment 953

### Community Information

[CERC Town Profiles](#) provide summary demographic and economic information for Connecticut's municipalities

### Related Reports/Publications

[CT Reports \(CMT/CAPT\)](#)

[District and School Performance Reports](#)

[Special Education Annual Performance Reports](#)

[SAT®, AP®, PSAT® Report by High School \(Class of 2016\)](#)  
(2016® The College Board)

[College Enrollment, Persistence, and Graduation](#)  
(National Student Clearinghouse)

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### Notes

Unless otherwise noted, all data are for 2015-16 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 [edsight.ct.gov](http://edsight.ct.gov).

For district totals, please see the district profile.

\* When an asterisk is displayed, data have been suppressed to ensure student confidentiality.

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

## Students

### October 1, 2015 Enrollment

	Count	School Percent of Total (%)	District Percent of Total (%)
Female	445	46.7	46.9
Male	508	53.3	53.1
American Indian or Alaska Native	*	*	*
Asian	33	3.5	3.0
Black or African American	30	3.1	2.3
Hispanic or Latino	75	7.9	9.2
Pacific Islander	*	*	*
Two or More Races	20	2.1	2.8
White	791	83.0	82.6
English Language Learners	*	*	2.3
Eligible for Free or Reduced-Price Meals	159	16.7	15.0
Students with Disabilities <sup>1</sup>	105	11.0	11.9

<sup>1</sup>Students in this category are students with Individualized Education Programs (IEPs) only. This category does not include students with Section 504 Plans.

### Chronic Absenteeism and Suspension/Expulsion

	Chronic Absenteeism <sup>2</sup>		Suspension/ Expulsion <sup>3</sup>	
	Count	Rate (%)	Count	Rate (%)
Female	31	7.1	10	2.3
Male	27	5.4	30	6.0
Black or African American	*	*	*	*
Hispanic or Latino	15	20.8	9	12.7
White	36	4.6	25	3.2
English Language Learners	*	*	*	*
Eligible for Free or Reduced-Price Meals	28	20.9	20	12.8
Students with Disabilities	26	25.2	18	16.4
School	58	6.2	40	4.2
District		3.7		3.1

Number of students in 2014-15 qualified as truant under state statute: 13

Number of school-based arrests: Fewer than 6

<sup>2</sup>A student is chronically absent if he/she misses 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.

<sup>3</sup>The count and percentage of students who receive at least one in-school suspension, out-of-school suspension or expulsion.

# School Profile and Performance Report for School Year 2015-16

## Berlin High School

### Berlin School District

## Educators

### Full-Time Equivalent (FTE)<sup>1</sup> Staff

	FTE
<b>General Education</b>	
Teachers and Instructors	68.9
Paraprofessional Instructional Assistants	2.9
<b>Special Education</b>	
Teachers and Instructors	8.8
Paraprofessional Instructional Assistants	11.9
<b>Administrators, Coordinators and Department Chairs</b>	
School Level	7.4
<b>Library/Media</b>	
Specialists (Certified)	1.0
Support Staff	1.0
Instructional Specialists Who Support Teachers	2.0
Counselors, Social Workers and School Psychologists	8.0
School Nurses	2.0
Other Staff Providing Non-Instructional Services/Support	24.3

<sup>1</sup>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

	Count	School Percent of Total (%)	District Percent of Total (%)
American Indian or Alaska Native	0	0.0	0.0
Asian	0	0.0	0.3
Black or African American	0	0.0	0.3
Hispanic or Latino	3	3.1	1.0
Pacific Islander	0	0.0	0.0
Two or More Races	0	0.0	0.0
White	95	96.9	98.3

### Classes Taught by Highly Qualified Teachers<sup>2</sup>

School	Percent of Total (%)
School	100.0
School Poverty Quartile: Middle	
State High Poverty Quartile Schools	97.6
State Low Poverty Quartile Schools	99.6

<sup>2</sup>Core academic classes taught by teachers who are fully certified to teach in that subject area.

### Classroom Teacher Attendance, 2014-15

	School	District
Average # of FTE Days Absent Due to Illness or Personal Time	9.8	8.9

## Instruction and Resources

### School Schedule

<b>Days of Instruction</b>	183
<b>Hours of Instruction Per Year</b>	
Grades 1-12 and Full-Day Kindergarten	1037
Half/Extended Day Kindergarten	N/A

### School Hours for Students

Start Time	07:25 AM
End Time	02:10 PM

### 11th and 12th Graders Enrolled in College-and-Career-Readiness Courses during High School<sup>3</sup>

	11th		12th	
	Count	Rate (%)	Count	Rate (%)
Black or African American	*	*	*	*
Hispanic or Latino	*	*	7	*
White	119	61.0	182	85.0
English Language Learners	0	0.0	*	*
Eligible for Free or Reduced-Price Meals	12	38.7	17	54.8
Students with Disabilities	*	*	9	33.3
School	138	58.2	207	81.2
District		58.2		80.7

<sup>3</sup>College-and-Career-Readiness Courses include Advanced Placement®(AP), International Baccalaureate®(IB), Career and Technical Education(CTE), workplace experience and dual enrollment courses.

### Students with Disabilities Who Spend 79.1 to 100 Percent of Time with Nondisabled Peers<sup>4</sup>

	Count	Rate (%)
Autism	*	*
Emotional Disturbance	6	*
Intellectual Disability	0	0.0
Learning Disability	25	64.1
Other Health Impairment	11	50.0
Other Disabilities	0	0.0
Speech/Language Impairment	14	*
School	60	57.1
District		65.5

<sup>4</sup>Ages 6-21

# School Profile and Performance Report for School Year 2015-16

## Berlin High School

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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.

	English Language Arts(ELA)		Math		Science	
	Count	SPI	Count	SPI	Count	SPI
American Indian or Alaska Native	*	*	*	*	*	*
Asian	9	*	9	*	7	*
Black or African American	9	*	9	*	*	*
Hispanic or Latino	8	*	8	*	16	*
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A
Two or More Races	*	*	*	*	*	*
White	194	61.8	194	60.2	177	64.5
English Language Learners	0	N/A	0	N/A	*	*
Non-English Language Learners	229	61.5	229	59.8	*	*
Eligible for Free or Reduced-Price Meals	27	58.9	27	55.3	33	54.4
Not Eligible for Free or Reduced-Price Meals	202	61.8	202	60.4	177	64.3
Students with Disabilities	24	49.1	24	38.5	28	43.4
Students without Disabilities	205	62.9	205	62.3	182	65.8
High Needs	44	54.3	44	48.1	52	50.4
Non-High Needs	185	63.2	185	62.6	158	66.8
School	229	61.5	229	59.8	210	62.8

### National Assessment of Educational Progress (NAEP): Percent At or Above Proficient<sup>1</sup>

	NAEP 2015		NAEP 2013
	Grade 4	Grade 8	Grade 12
<b>READING</b>			
Connecticut	43%	43%	50%
National Public	35%	33%	36%
<b>MATH</b>			
Connecticut	41%	36%	32%
National Public	39%	32%	25%

<sup>1</sup>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. To view student subgroup performance on NAEP, [click here](#).

### Physical Fitness Tests: Students Reaching Health Standard<sup>2</sup>

	Percent of Students by Grade <sup>3</sup> (%)				All Tested Grades	
	4	6	8	10	Count	Rate (%)
Sit & Reach	N/A	N/A	N/A	85.7	203	85.7
Curl Up	N/A	N/A	N/A	91.6	203	91.6
Push Up	N/A	N/A	N/A	66.0	203	66.0
Mile Run/PACER	N/A	N/A	N/A	71.4	203	71.4
All Tests - School	N/A	N/A	N/A	49.3	203	49.3
All Tests - District	72.9	52.9	52.2	49.3		56.6

<sup>2</sup>The Connecticut Physical Fitness Assessment (CPFA) is administered to all students in Grades 4, 6, 8 and 10. 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.

<sup>3</sup>Only students assessed in all four areas are included in this calculation.

# School Profile and Performance Report for School Year 2015-16

## Berlin High School

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#### Cohort Graduation: Four-Year<sup>1</sup>

	2014-15			2015-16
	Cohort Count <sup>2</sup>	Rate (%)	Target <sup>3</sup> (%)	Target <sup>3</sup> (%)
Black or African American	*	*	.	.
Hispanic or Latino	*	*	.	.
English Language Learners	*	*	.	.
Eligible for Free or Reduced-Price Meals	32	84.4	.	.
Students with Disabilities	31	80.6	.	.
School	209	94.3	.	.
District		93.8	93.9	No

<sup>1</sup>The four-year cohort graduation rate represents the percentage of first-time 9th graders who earn a standard high school diploma within four years. Statewide, district and school results for cohorts of 2010 through 2014 are [available online](#).

<sup>2</sup>Cohort count includes all students in the cohort as of the end of the 2014-15 school year.

<sup>3</sup>Targets are shown when there were at least 20 students in the cohort in 2010-11, the year that served as the base for target calculations.

#### 11th and 12th Graders Meeting Benchmark on at Least One College Readiness Exam<sup>4</sup>

	Participation <sup>5</sup>	Meeting Benchmark	
	Rate (%)	Count	Rate (%)
Female	98.3	126	54.1
Male	96.1	112	43.2
Black or African American	*	0	*
Hispanic or Latino	87.1	*	*
White	97.6	210	51.3
English Language Learners	*	0	*
Eligible for Free or Reduced-Price Meals	93.5	12	19.4
Students with Disabilities	*	0	*
School	97.2	238	48.4
District	96.4		47.8

<sup>4</sup>College readiness exams and benchmark scores are as follows:

- 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
- Smarter Balanced - Level 3 or higher on both ELA and math

<sup>5</sup>Participation Rate equals the number of test-takers in 11th and 12th grade divided by the number of students enrolled in those grades, as a percent.

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

	Class of 2015	Class of 2014
	Entrance <sup>6</sup>	Persistence <sup>7</sup>
	Rate (%)	Rate (%)
Female	88.7	95.1
Male	79.0	88.0
Black or African American	*	*
Hispanic or Latino	*	*
White	84.2	93.7
English Language Learners	*	*
Eligible for Free or Reduced-Price Meals	60.0	75.0
Students with Disabilities	63.0	*
School	83.7	91.6
District	83.7	91.6

<sup>6</sup>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.

<sup>7</sup>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

# School Profile and Performance Report for School Year 2015-16

## Berlin High School

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#### Next Generation Accountability Results

These statistics are the results from Connecticut's Next Generation Accountability System for districts and schools. This system is a broad set of 12 indicators that help tell the story of how well a school is preparing its students for success in college, careers and life. It moves beyond test scores and graduation rates and instead provides a more holistic, multifactor perspective of district and school performance and incorporates student growth over time.

Indicator		Index/Rate	Target	Points	Max	% Points	State Average
ELA Performance Index	All Students	61.5	75	81.9	100	81.9	67.7
	High Needs Students	54.3	75	72.4	100	72.4	56.7
Math Performance Index	All Students	59.8	75	79.8	100	79.8	61.4
	High Needs Students	48.1	75	64.1	100	64.1	49.9
Science Performance Index	All Students	62.8	75	83.7	100	83.7	57.5
	High Needs Students	50.4	75	67.3	100	67.3	47.0
ELA Academic Growth	All Students	N/A	100%	0.0	0	0.0	63.8%
	High Needs Students	N/A	100%	0.0	0	0.0	58.3%
Math Academic Growth	All Students	N/A	100%	0.0	0	0.0	65.0%
	High Needs Students	N/A	100%	0.0	0	0.0	57.4%
Chronic Absenteeism	All Students	6.2%	<=5%	47.7	50	95.3	9.6%
	High Needs Students	18.8%	<=5%	22.4	50	44.9	15.6%
Preparation for CCR	% Taking Courses	70.1%	75%	46.7	50	93.5	67.6%
	% Passing Exams	48.4%	75%	32.2	50	64.5	40.7%
On-track to High School Graduation		97.9%	94%	50.0	50	100.0	85.1%
4-year Graduation All Students (2015 Cohort)		94.3%	94%	100.0	100	100.0	87.2%
6-year Graduation - High Needs Students (2013 Cohort)		86.5%	94%	92.1	100	92.1	78.6%
Postsecondary Entrance (Class of 2015)		83.7%	75%	100.0	100	100.0	71.9%
Physical Fitness (estimated part rate) and (fitness rate)		94.9%   49.3%	75%	32.8	50	65.7	89.2%   50.5%
Arts Access		49.8%	60%	41.5	50	83.1	47.5%
<b>Accountability Index</b>				<b>1014.7</b>	<b>1250</b>	<b>81.2</b>	

Gap Indicators	Non-High Needs Rate <sup>1</sup>	High Needs Rate	Size of Gap	State Gap Mean + 1 Stdev <sup>2</sup>	Is Gap an Outlier? <sup>2</sup>
Achievement Gap Size Outlier?					N
ELA Performance Index Gap	63.2	54.3	8.9	16.6	
Math Performance Index Gap	62.6	48.1	14.6	19.1	
Science Performance Index Gap	66.8	50.4	16.4	17.3	
Graduation Rate Gap	94.0%	86.5%	7.5%	13.0%	N

<sup>1</sup>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.

<sup>2</sup>If the size of the gap exceeds the state mean gap plus one standard deviation, the gap is an outlier.

Subject/Subgroup		Participation Rate (%) <sup>3</sup>
ELA	All Students	97.5
	High Needs Students	91.8
Math	All Students	97.5
	High Needs Students	91.8
Science	All Students	98.6
	High Needs Students	96.3

#### Supporting Resources

[Two-page FAQ](#)

[Detailed Presentation](#)

[Using Accountability Results to Guide Improvement: comprehensive documentation and supports](#)

<sup>3</sup>Minimum participation standard is 95%.