Department of Education
Dennis M. Walcott, Chancellor

Progress Report 2011-12

Brooklyn Democracy Academy

PRINCIPAL:	Thomas Mckenna
DBN:	23K643
ENROLLMENT:	205
SCHOOL TYPE:	High School Transfer
PEER INDEX*:	0.96

*See p. 7 for more details on Peer Index.

PROGRESS REPORT

B

OVERALL SCORE **66.9** out of 100

OVERALL RANK **17** This school's overall score was higher than 26.5 of 43 Transfer High Schools.

For transfer schools, grades are based on cut scores determined prior to the release of the Progress Report. Schools in their first year, without a graduating class or in phase out receive a report with no grade or score.

Progress Report Grades - High School Transfer

GRADE	SCORE RANGE	% OF SCHOOLS
A	68.0 or higher	30% of schools
B	56.0 - 67.9	28% of schools
C	46.0 - 55.9	35% of schools
D	38.0 - 45.9	5% of schools
F	37.9 or lower	2% of schools

QUALITY REVIEW

P

Proficient (2009-10)

The rating is based on three major categories of school performance: instruction that prepares students for college and careers, school organization and management, and quality of the learning environment.

A school that receives a Proficient rating typically demonstrates solid teaching and learning practices, effective school management, and a quality learning environment. For more information, see:

http://schools.nyc.gov/Accountability/tools/review

Overview

Each school's Progress Report (1) measures student year-to-year progress, (2) compares the school to peer schools, and (3) rewards success in moving all children forward, especially children with the greatest needs.

CATEGORY	SCORE	GRADE	DESCRIPTION
Student Progress	**33.8** out of 55	B	Student Progress measures the annual progress students make toward meeting the state's graduation requirements by earning course credits and passing Regents exams, and annual changes in student attendance.
Student Performance	**15.1** out of 20	A	Student Performance measures how many students graduated within 6 years of starting high school, and the types of diplomas they earned.
School Environment	**6.3** out of 15	D	School Environment measures a survey of the school community rating academic expectations, safety and respect, communication, and engagement.
College and Career Readiness	**3.5** out of 10	D	College and Career Readiness measures how well students are prepared for life after high school on the basis of passing advanced courses, meeting English and math standards, and enrolling in a post-secondary institution.
Closing the Achievement Gap	**8.1** (16 max)		Schools receive additional credit for exceptional graduation and college/career readiness outcomes of students with disabilities, English Language Learners, and students who enter high school at a low performance level.
Overall Score	**66.9** out of 100	B	The overall grade is based on the total of all scores above. Category scores may not add up to total score because of rounding.

Progress Report Implications

Strong Progress Report results are the basis for recognition and potential rewards for school leaders, and poor results are an important factor in determining whether schools require intensive support or intervention. For more information, see:

http://schools.nyc.gov/community/planning/Support+and+Intervention.htm

State Accountability

The school's current status: **In Good Standing**

This designation is determined by the New York State Department of Education under the Elementary and Secondary Education Act (ESEA) Flexibility Waiver. More information on New York State accountability can be found here:

http://schools.nyc.gov/Accountability/tools/accountability/default.htm

GRADE **B**

SCORE 33.8 (out of 55)

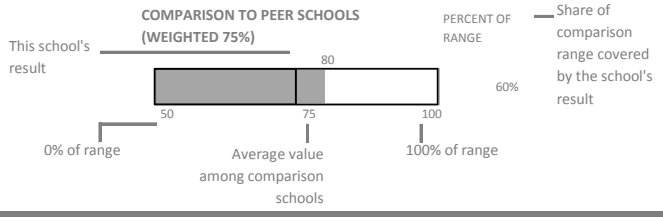
GRADE	SCORE RANGE
A	37.4 or higher
B	30.8 - 37.3
C	25.3 - 30.7
D	20.9 - 25.2
F	20.8 or lower

Student Progress represents 55% of the total score. The measures evaluate the annual progress students make toward meeting the state's graduation requirements by earning course credits, passing state Regents exams, and changes in the student attendance rate between 2010-11 and 2011-12

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
Credit Accumulation							
Credit Acc. per Year, Students Beginning with 0.00-11.00 Credits (n=51)	4.43	4.43 (1.65 – 5.65 – 9.65)	34.8%	4.43 (1.76 – 6.62 – 11.48)	27.5%	4.82	1.59
Credit Acc. per Year, Students Beginning with 11.01-22.00 Credits (n=68)	9.14	9.14 (3.63 – 7.20 – 10.77)	77.2%	9.14 (3.01 – 7.63 – 12.25)	66.3%	6.43	4.79
Credit Acc. per Year, Students Beginning with 22.01-33.00 Credits (n=57)	10.78	10.78 (6.33 – 9.38 – 12.43)	73.0%	10.78 (5.82 – 9.58 – 13.34)	66.0%	5.39	3.84
Credit Acc. per Year, Students Beginning with 33.01-38.00 Credits (n=25)	10.17	10.17 (6.71 – 9.19 – 11.67)	69.8%	10.17 (5.76 – 9.37 – 12.98)	61.1%	2.36	1.60
Average Change in Student Attendance (n=210)	-0.8%	-0.8% (-13.6% – -1.8% – 10.0%)	54.2%	-0.8% (-11.7% – -0.9% – 9.9%)	50.5%	12.00	6.39
Average Completion Rate for Remaining Regents (n=212)	26.2%	26.2% (1.2% – 17.5% – 33.8%)	76.7%	26.2% (1.4% – 22.2% – 43.0%)	59.6%	4.00	2.90
Weighted Regents Pass Rate							
English (n=59)	1.29	1.29 (0.44 – 1.04 – 1.64)	70.8%	1.29 (0.41 – 1.16 – 1.91)	58.7%	4.00	2.71
Mathematics (n=55)	0.72	0.72 (0.00 – 1.14 – 2.28)	31.6%	0.72 (0.08 – 1.17 – 2.26)	29.4%	4.00	1.24
Science (n=39)	1.81	1.81 (0.35 – 1.52 – 2.69)	62.4%	1.81 (0.47 – 1.51 – 2.55)	64.4%	4.00	2.52
Global History (n=90)	1.51	1.51 (0.20 – 1.37 – 2.54)	56.0%	1.51 (0.20 – 1.34 – 2.48)	57.5%	4.00	2.26
United States History (n=71)	1.99	1.99 (0.41 – 1.18 – 1.95)	100.0%	1.99 (0.49 – 1.19 – 1.89)	100.0%	4.00	4.00
					TOTAL POINTS	55.00	33.84

How To Interpret These Charts

To determine the number of points earned, this school's 2011-12 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for the previous five school years that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA	(	PERCENT OF PEER RANGE	x	0.75	+	PERCENT OF CITY RANGE	x	0.25	)	x	POINTS POSSIBLE	=	POINTS EARNED
EXAMPLE	(	60%	x	0.75	+	80%	x	0.25	)	x	4.82	=	3.13

GRADE **A**

SCORE 15.1 (out of 20)

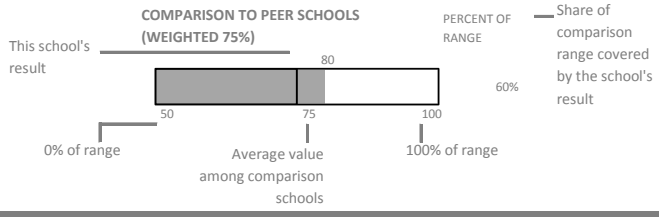
GRADE	SCORE RANGE
A	13.6 or higher
B	11.2 - 13.5
C	9.2 - 11.1
D	7.6 - 9.1
F	7.5 or lower

Student Performance represents 20% of the total score. The Student Performance grade is based on how many students graduated within 6 years of starting high school as well as on the number of credits these students had at admission, and the types of diplomas these students earned.

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
Transfer HS Graduation Rate (n=128)	60.2%	60.2% (19.8% – 45.2% – 70.6%)	79.5%	60.2% (23.7% – 52.5% – 81.3%)	63.4%	4.00	3.02
Transfer HS Weighted Diploma Rate (n=128)	179.3%	179.3% (38.2% – 135.1% – 232.0%)	72.8%	179.3% (15.3% – 162.0% – 308.7%)	55.9%	4.00	2.74
Transfer HS Graduation Rate for Most at Risk Overage/Under-credited Students (n=64)	42.2%	42.2% (7.3% – 30.5% – 53.7%)	75.2%	42.2% (4.0% – 37.1% – 70.2%)	57.7%	6.00	4.25
Transfer HS Graduation Rate for Other Overage/Under-credited Students (n=24)	58.3%	58.3% (28.6% – 50.9% – 73.2%)	66.6%	58.3% (30.3% – 53.2% – 76.1%)	61.1%	2.25	1.47
Transfer HS Graduation Rate for Non-Overage/Under-credited Students (n=40)	90.0%	90.0% (43.1% – 66.4% – 89.7%)	100.0%	90.0% (46.6% – 70.5% – 94.4%)	90.8%	3.75	3.66
					TOTAL POINTS	20.00	15.14

How To Interpret These Charts

To determine the number of points earned, this school's 2011-12 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for the previous five school years that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA	(	PERCENT OF PEER RANGE	x	0.75	+	PERCENT OF CITY RANGE	x	0.25	)	x	POINTS POSSIBLE	=	POINTS EARNED
EXAMPLE	(	60%	x	0.75	+	80%	x	0.25	)	x	4	=	2.60

GRADE **D**

SCORE 6.3

(out of 15)

GRADE	SCORE RANGE
A	10.2 or higher
B	8.4 - 10.1
C	6.9 - 8.3
D	5.7 - 6.8
F	5.6 or lower

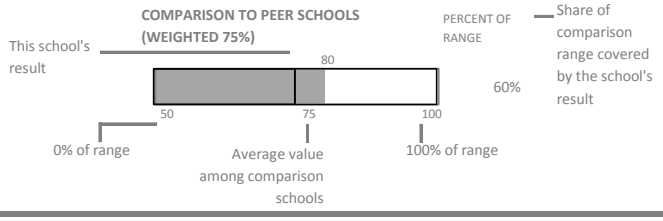
School Environment represents 15% of the total score. The School Environment grade is based on results of the NYC School Survey, on which parents, teachers, and students rate academic expectations, safety and respect, communication, and engagement.

School Survey Results

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
Academic Expectations	7.6	7.6 (7.0 – 7.9 – 8.8)	33.3%	7.6 (6.9 – 8.0 – 9.1)	31.8%	3.75	1.23
Communication	6.9	6.9 (5.9 – 7.0 – 8.1)	45.5%	6.9 (5.9 – 7.1 – 8.3)	41.7%	3.75	1.67
Engagement	7.7	7.7 (6.3 – 7.4 – 8.5)	63.6%	7.7 (6.1 – 7.4 – 8.7)	61.5%	3.75	2.37
Safety and Respect	7.4	7.4 (6.8 – 7.9 – 9.0)	27.3%	7.4 (6.9 – 8.0 – 9.1)	22.7%	3.75	0.98
					TOTAL POINTS	15.00	6.25

How To Interpret These Charts

To determine the number of points earned, this school's 2011-12 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for the previous five school years that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA	(	PERCENT OF PEER RANGE	x	0.75	+	PERCENT OF CITY RANGE	x	0.25	)	x	POINTS POSSIBLE	=	POINTS EARNED
EXAMPLE	(	60%	x	0.75	+	80%	x	0.25	)	x	3.75	=	2.44

GRADE **D**

SCORE 3.5

(out of 10)

GRADE	SCORE RANGE
A	9.5 or higher
B	8.0 - 9.4
C	5.0 - 7.9
D	3.0 - 4.9
F	2.9 or lower

College and Career Readiness represents 10% of the total score. The College and Career Readiness section measures how well students are prepared for life after high school on the basis of passing advanced courses, meeting English and math standards, and enrolling in a post-secondary institution. Please see the Additional Information page for further details on these measures.

College Readiness Index

These metrics measure the percentage of students in the graduating cohort who graduated and met the Regents exam, SAT, and/or course standards for passing out of remedial coursework at the City University of New York (CUNY), by August 2012.

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
College Readiness Index - 6 Yrs. (n=128)	0.0%	0.0% (0.0% – 0.7% – 1.4%)	0.0%	0.0% (0.0% – 3.9% – 7.8%)	0.0%	3.33	0.00

Postsecondary Enrollment Rate

These metrics measure the percentage of students in the graduating cohort who graduated and enrolled in public service, a vocational program, or a degree program at a two- or four-year college by December 31, 2011.

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
Postsecondary Enrollment Rate - 6 Mth. (n=73)	30.1%	30.1% (0.0% – 15.1% – 30.2%)	99.7%	30.1% (0.0% – 16.3% – 32.6%)	92.3%	3.33	3.26

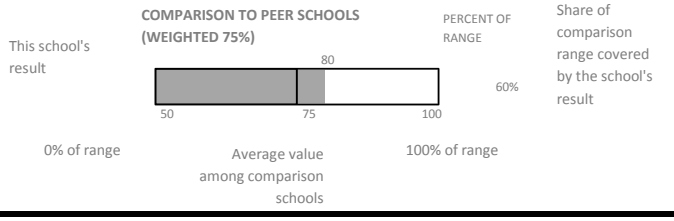
College and Career Preparatory Course Index

This metric measures the percentage of students in the graduating cohort who have successfully completed approved rigorous courses and assessments (please see the Additional Information page for more information on this index).

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
College and Career Preparatory Course Index (n=128)	0.8%	0.8% (0.0% – 4.1% – 8.2%)	9.8%	0.8% (0.0% – 12.5% – 25.0%)	3.2%	3.33	0.27
					TOTAL POINTS	10.00	3.53

How To Interpret These Charts

To determine the number of points earned, this school's 2011-12 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for the previous five school years that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA	(	PERCENT OF PEER RANGE	x	0.75	+	PERCENT OF CITY RANGE	x	0.25	)	x	POINTS POSSIBLE	=	POINTS EARNED
EXAMPLE	(	60%	x	0.75	+	80%	x	0.25	)	x	3.33	=	2.16

Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners and overage/under-credited status. Additional credit will be awarded based on both the percentage of high-need students achieving an exemplary outcome and the percentage of students at the school in that high-need group. Additional Credit can only improve a school's Progress Report score. It cannot lower a school's score. Transfer High Schools are eligible for points on eight additional credit metrics. In the table below, "." in "This School's Results" indicates that a school has fewer than five eligible students for the category in question.

CATEGORY	THIS SCHOOL'S RESULTS	POPULATION PERCENTAGE	FIXED POINT VALUE	POINTS POSSIBLE	POINTS EARNED
Transfer High School Weighted Diploma Rate					
English Language Learners (n=6)	200.0%	4.7%	0.020	2.00	0.19
Self-Contained/ICT/SETSS (n=15)	280.0%	11.7%	0.061	2.00	2.00
Overage/Under-Credited Students (n=88)	194.3%	68.8%	0.009	2.00	1.20
Overage/Under-Credited Black/Hispanic Males (n=47)	158.5%	36.7%	0.024	2.00	1.40
Overage/Under-credited Students					
College Readiness Index (n=88)	0.0%	68.8%	0.570	2.00	0.00
Postsecondary Enrollment Rate (n=64)	26.6%	87.7%	0.086	2.00	2.00
College and Career Preparatory Course Index (n=88)	1.1%	68.8%	0.198	2.00	0.15
Movement of students with disabilities to less restrictive environments (n=34)	0.38	16.6%	0.185	2.00	1.17

TOTAL POINTS	8.11

PEER INDEX CALCULATION

The Peer Index sorts schools according to incoming proficiency and demographics. A lower Peer Index indicates a higher need population. The Peer Index operates on a 1.0 to 4.5 scale and is calculated using the following formula:

FORMULA:	(	Average 8th grade English and Math proficiency	) - (	2 ×	% students with disabilities	) - (	2 ×	% in self-contained settings	) - (	% overage	) =	PEER INDEX
FOR THIS SCHOOL:	(	2.29	) - (	2 ×	18.5%	) - (	2 ×	8.8%	) - (	79.0%	) =	0.96

PEER GROUP FOR: **Brooklyn Democracy Academy**

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population, according to the Peer Index. Each high school has up to 30 peer schools.

DBN	SCHOOL	PEER INDEX	AVERAGE PROFICIENCY	% IEP	% SELF-CONTAINED	% OVERAGE
15K423	Brooklyn Frontiers High School	0.29	2.37	38.3%	16.0%	100.0%
06M423	High School for Excellence and Innovation	0.33	2.38	44.4%	16.9%	82.3%
84M707	John V. Lindsay Wildcat Academy Charter School	0.64	2.22	29.4%	11.8%	75.1%
23K643	**Brooklyn Democracy Academy**	**0.96**	**2.29**	**18.5%**	**8.8%**	**79.0%**
03M505	Edward A. Reynolds West Side High School	0.96	2.28	26.1%	9.0%	62.1%
32K564	Bushwick Community High School	1.03	2.22	11.8%	4.2%	87.1%
10X319	Providing Urban Learners Success In Education High School	1.05	2.27	17.4%	6.6%	74.0%
05M285	Harlem Renaissance High School	1.08	2.36	18.0%	11.3%	69.2%
31R470	Concord High School	1.10	2.36	22.9%	7.3%	65.9%
18K578	Brooklyn Bridge Academy	1.15	2.28	14.7%	4.6%	74.5%
25Q792	North Queens Community High School	1.15	2.43	17.2%	4.5%	84.5%
02M570	Satellite Academy High School	1.17	2.35	16.5%	5.6%	73.4%
12X446	Arturo A. Schomburg Satellite Academy Bronx	1.19	2.28	11.8%	4.4%	77.5%
07X381	Bronx Haven High School	1.20	2.32	13.7%	5.9%	73.0%
07X379	Jill Chaifetz Transfer High School	1.20	2.30	10.6%	3.0%	83.0%
23K646	Aspirations Diploma Plus High School	1.22	2.28	10.5%	3.3%	78.4%
17K489	W.E.B. Dubois Academic High School	1.22	2.26	13.1%	5.5%	67.4%
18K635	Olympus Academy	1.22	2.32	11.8%	0.5%	84.8%
13K616	Brooklyn High School for Leadership and Community Service	1.22	2.30	10.8%	1.9%	82.8%
	PEER GROUP AVERAGES	1.02	2.31	18.8%	6.9%	77.6%

This Additional Information page provides context to view how a school's metrics were calculated on the previous pages of this report. Certain Progress Report metrics require that students reach one of many thresholds, or reach multiple thresholds in tandem to earn credit for their school. While all information on this page is not scored, the Additional Information page meaningfully illuminates or adds context to how a school received its metric values in the 2011-12 school year.

Regents Exams

Includes all students in the high school who took the respective exams in January, June or August 2012.

		Average Score	% passing	% at college-ready threshold for exam
Mathematics:	Integrated Algebra (n = 57)	57	26%	2%
	Geometry (n = 0)	.	.	.
	Algebra 2/Trigonometry (n = 4)	.	.	.
ELA:	Comprehensive English (n = 62)	66	69%	29%
Social Studies:	U.S. History (n = 72)	74	83%	
	Global History (n = 90)	62	42%	
Science:	Chemistry (n = 0)	.	.	
	Physics (n = 0)	.	.	
	Earth Science (n = 6)	.	.	
	Living Environment (n = 35)	67	63%	
Languages:	Languages Other Than English (n = 0)	.	.	

College Exams

Calculated as the result of the 2012 Transfer High School graduation cohort anytime during their high school career.

		Average Score	% of Graduation Cohort Taking
SAT:	Mathematics (n = 4)	.	3.1%
	Critical Reading (n = 4)	.	3.1%
	Writing (n = 4)	.	3.1%
ACT:	Mathematics (n = 0)	.	0.0%
	English (n = 0)	.	0.0%
	Reading (n = 0)	.	0.0%
	Science (n = 0)	.	0.0%
CUNY:	Math 1 (n = 5)	.	3.9%
	Math 2 (n = 5)	.	3.9%
	Reading (n = 4)	.	3.1%
	Writing (n = 4)	.	3.1%

College and Career Readiness Metrics Disaggregated

	6 Months After Graduating
Post-secondary Enrollment Rate	30.1%
2-Year or 4-Year College	30.1%
CUNY	17.8%
NYS Public	8.2%
NYS Private	2.7%
Out-of-State	1.4%
Public Service	0.0%
Vocational Program	0.0%
	% of Graduation Cohort
College Readiness Index (counting positively requires ALL thresholds)	0.0%
% attaining Regents Diploma	19.5%
% attaining Math College Readiness Standard	1.6%
% attaining English College Readiness Standard	17.2%
	% of Graduation Cohort
College and Career Preparatory Course Index	0.8%
% scoring 65+ on the Algebra II, Math B, Chemistry or Physics Regents Exam	0.0%
% scoring 3+ on any Advanced Placement (AP) Exam	0.0%
% scoring 4+ on any International Baccalaureate (IB) Exam	0.0%
% earning a diploma with a Career and Technical Education (CTE) Endorsement	0.0%
% passing an industry-recognized technical assessment	0.0%
% earning a diploma with an Arts endorsement	0.0%
% earning a grade of "C" or higher in a course for college credit	0.8%
% passing another course certified by the DOE as college- and career-ready	0.0%