

Herricks School District

Student Achievement Report *October 25, 2018*

Presented by
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MISSION STATEMENT

The Herricks School District, a Community of Learners, through its educational programs, promotes intellectual curiosity and creative expression, values diversity, and measures success by one's personal development and contributions to society.



“Things get done only if the data we gather can inform and inspire those in a position to make [a] difference.”

~Mike Schmoker, former school administrator, English teacher and football coach, author

“The goal is to turn data into information, and information into insight.”

~Carly Fiorina, former executive, president, and chair of Hewlett-Packard Co.

“You can have data without information, but you cannot have information without data.”

~ Daniel Keys Moran, an American computer programmer and science fiction writer



Review of Student Data

BIG & SMALL Data and Evidence

BIG DATA

- National testing information
- State assessment testing
- County-wide data

SMALL DATA

- Class assessments and performance
- Comparative data (similar district, state and national norms)

EVIDENCE

- Student engagement
- Outside opportunities



2018

348 Nationally
47 in New York
#12 on Long Island

2019



34 Best School District in America (of 10,758)

7 Best School District in New York (of 675)

Top 25 Best Elementary Schools in New York (of 2,467)

4 Best Middle School in New York (of 1,251)

22 Best High School in New York (of 1,236)

5 Best School District in Nassau County (of 44)

2018 ELA Assessments

District Results: Grades 3-8

Herricks UFSD NYS ELA Assessment Results	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4	29%	44%	34%	61%	33%	52%
Level 3	59%	34%	34%	24%	45%	33%
Level 2	10%	17%	21%	11%	17%	11%
Level 1	2%	5%	10%	4%	5%	3%
% Proficiency (passing rate)	87%	78%	69%	85%	78%	85%
Comparative District Rank	3rd	9th	6th	4th	3rd	2nd



2018 Math Assessments

District Results: Grades 3-8

Herricks UFSD NYS Math Assessment Results	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4	47%	47%	47%	58%	44%	5%
Level 3	32%	28%	31%	27%	38%	18%
Level 2	16%	11%	13%	10%	14%	47%
Level 1	5%	2%	9%	4%	5%	31%
% Proficiency (passing rate)	79%	87%	78%	86%	81%	23%
Comparative District Rank	11th	6th	7th	5th	8th	9th



Interpreting the 2018 NYS Assessment Results

“Due to the State’s new two-session test design and performance standards, the 2018 Grades 3-8 ELA and math results cannot be compared with prior-year results. The new baseline established this year will enable comparisons with student scores in 2019 and 2020.”

~State Education Commissioner MaryEllen Elia



Longitudinal Data ELA Grades 3-8

ELA % Level 3 & 4	2018	2017	2016	2015	2014	2013
Grade 8	85%	84%	82%	78%	66%	69%
Grade 7	78%	78%	67%	69%	60%	57%
Grade 6	85%	61%	72%	60%	51%	54%
Grade 5	69%	67%	66%	69%	53%	59%
Grade 4	78%	74%	73%	65%	59%	59%
Grade 3	87%	75%	72%	55%	62%	65%



Longitudinal Data Math Grades 3-8

Math % Level 3 & 4	2018	2017	2016	2015	2014	2013
Grade 8	23%	39%	32%	25%	40%	59%
Grade 7	81%	75%	75%	68%	73%	64%
Grade 6	86%	80%	83%	80%	78%	66%
Grade 5	78%	82%	76%	80%	73%	71%
Grade 4	87%	74%	80%	71%	78%	66%
Grade 3	79%	78%	74%	71%	74%	72%

Regents Mastery Level Comparisons 2017

	Herricks	Garden City	North Shore	Locust Valley	Great Neck	Port Washington	Rockville Centre	Syosset	Manhasset	Roslyn	Jericho	Cold Spring Harbor	East Williston
CC Alg 1	73%	70%	55%	42%	61%	46%	31%	65%	77%	67%	74%	57%	57%
CC Geometry	39%	43%	30%	26%	41%	37%	13%	44%	60%	28%	59%	29%	33%
CC Alg 2	29%	35%	45%	18%	36%	23%	20%	40%	40%	36%	62%	32%	25%
Global History	81%	76%	72%	60%	64%	75%	68%	71%	84%	72%	79%	72%	53%
US History	87%	91%	90%	70%	79%	89%	84%	84%	92%	88%	92%	83%	76%
Living Env	69%	88%	62%	54%	66%	57%	55%	72%	67%	73%	83%	64%	56%
Earth Science	70%	83%	62%	36%	67%	63%	47%	73%	78%	76%	79%	83%	74%
Chemistry	36%	51%	44%	34%	50%	34%	30%	50%	53%	52%	65%	49%	33%
Physics	53%	75%	30%	41%	80%	56%	32%	63%	58%	17%	75%	23%	12%
CC ELA	85%	94%	85%	63%	78%	74%	79%	84%	91%	90%	91%	85%	83%

Class of 2017

Regents with Advanced Designation

Herricks UFSD	81%
Nassau County	61%
New York State	38%
East Williston UFSD	83%
Garden City UFSD	86%
Great Neck UFSD	81%
Jericho UFSD	94%
Locust Valley UFSD	75%
Manhasset	88%
North Shore	77%
Port Washington	67%
Rockville Centre	87%
Roslyn	84%
Syosset	85%

8 Regents >65%
(Advanced)

Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
ELA	Regents Common Core ELA - Jun	300	292	97%	85%	12%
ELA Totals		300	292	97%		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Mathematics	Regents Common Core Algebra I - Jun	354	343	97%	82%	15%
	Regents Common Core Algebra II - Jun	272	265	97%	93%	4%
	Regents Common Core Geometry - Jun	348	326	94%	79%	15%
Mathematics Totals		974	934	96%		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Science	Regents Chemistry - Jun	271	254	94%	83%	10%
	Regents Earth Sci - Jun	326	320	98%	89%	9%
	Regents Living Environment - Jun	330	323	98%	87%	11%
	Regents Physics - Jun	214	175	82%	86%	-4%
Science Totals		1,141	1,072	94%		
Subject	Test	Total	L3+L4+L5	L3 + L4 + L5 %	Region L3+L4+L5%	Regional Gap *
Social Studies	Regents Global History Transition - Jun	300	300	100%	86%	14%
	Regents US History&Gov't - Jun	303	302	100%	92%	8%
Social Studies Totals		603	602	100%		
10% or More Above Region 1% to 9% Above Region 1% to 9% Below Region 10% or More Below Region						

Regents Results: Regional Gap Analysis 2018 (Nassau)

Regents Passing Rates

	2018	2017	2016
CC Geometry	94%	92%	94%
CC Algebra 1	97%	99%	99%
CC Algebra 2	97%	97%	87%
Global History	*100%	98%	97%
US History	100%	99%	99%
Living Environment	98%	99%	99%
Earth Science	98%	96%	96%
Chemistry	94%	90%	93%
Physics	82%	87%	87%
CC English Language Arts	97%	99%	99%
World Language (combined)	99%	99%	99%

* New Exam



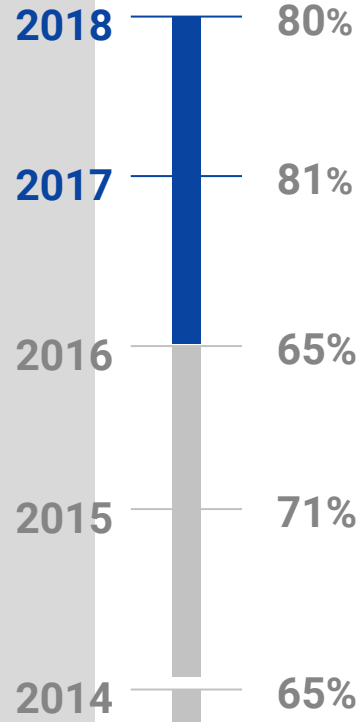
Mastery Rate Comparisons (June Regents)

	2018	2017	2016
CC Geometry	50%	41%	35%
CC Algebra 1	63%	74%	47%
CC Algebra 2	42%	30%	18%
Global History	*81%	82%	56%
US History	89%	87%	86%
Living Environment	76%	70%	66%
Earth Science	75%	71%	73%
Chemistry	38%	37%	45%
Physics	46%	53%	49%
CC English Language Arts	84%	86%	91%
World Language (combined)	80%	85%	76%

*New Exam



% Regents with Advanced Designation



Longitudinal AP Data (as of 8/3/18)

	2018	2017	2016	2015	2014
Total AP Students	750	730	740	678	658
Total Exams	1892	1812	1727	1710	1431
AP Students with Scores 3+	585	522	504	498	520
% AP Students with Scores 3+	78.0	71.5	68.1	73.5	79.0
% All HHS Graduates w/Scores 3+ (at some point)	63.2	67.7	59.8	66.9	61.2
Scholars (Total)	293	267	235	278	246
Scholars	134	122	115	134	103
Scholars with Honors	49	42	31	42	52
Scholars with Distinction	110	108	89	102	91
National Scholar	36	28	20	31	19



2018 AP Summary

INCREASED

of AP exams
administered

INCREASED

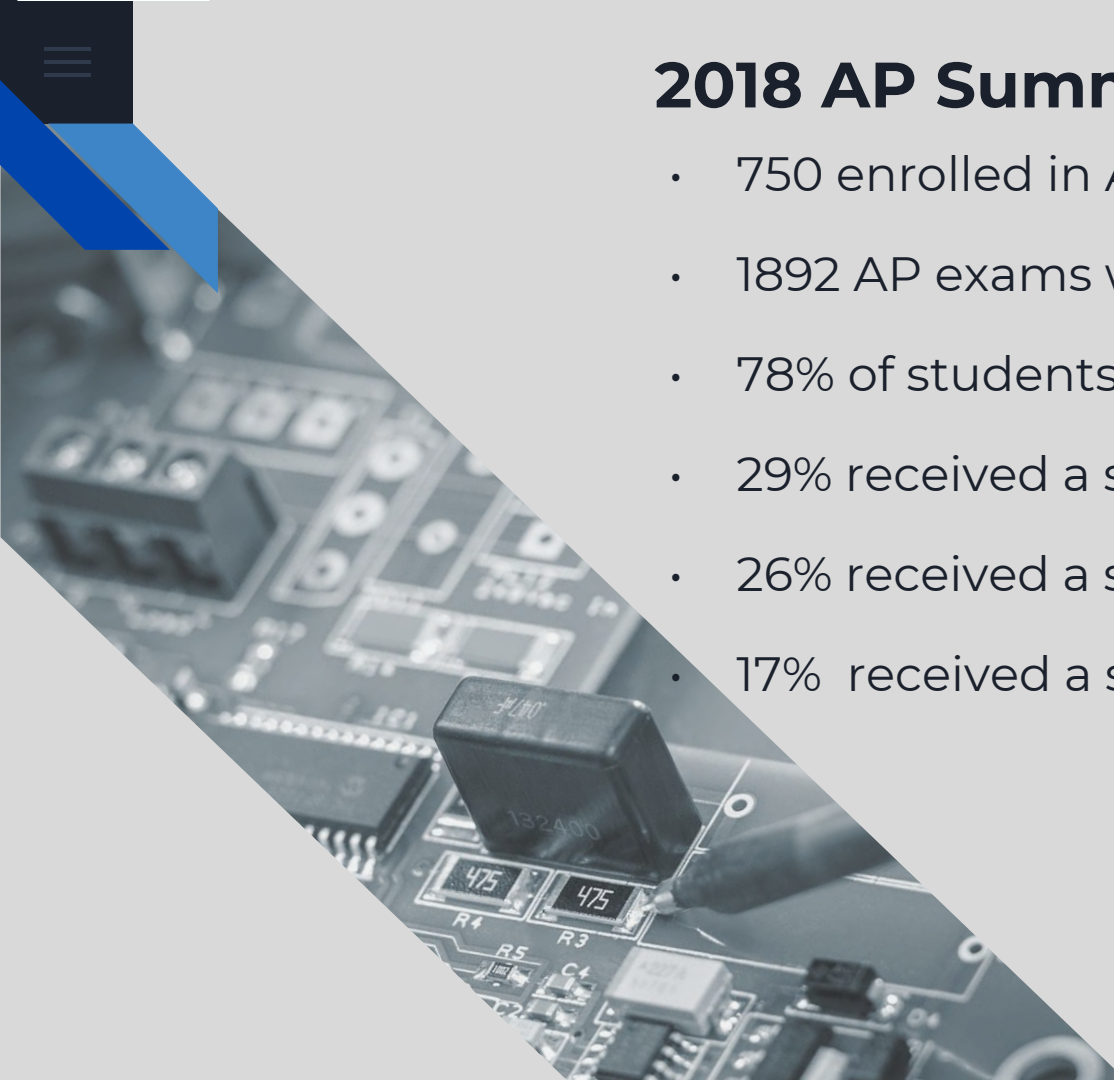
% of exams
receiving score of
3 or higher

INCREASED

of scholars,
of scholars with
honors &
distinction

INCREASED

of national
scholars



2018 AP Summary

- 750 enrolled in AP courses at HHS
- 1892 AP exams were administered in 2018
- 78% of students received a score of 3 or higher
- 29% received a score of 3
- 26% received a score of 4
- 17% received a score of 5



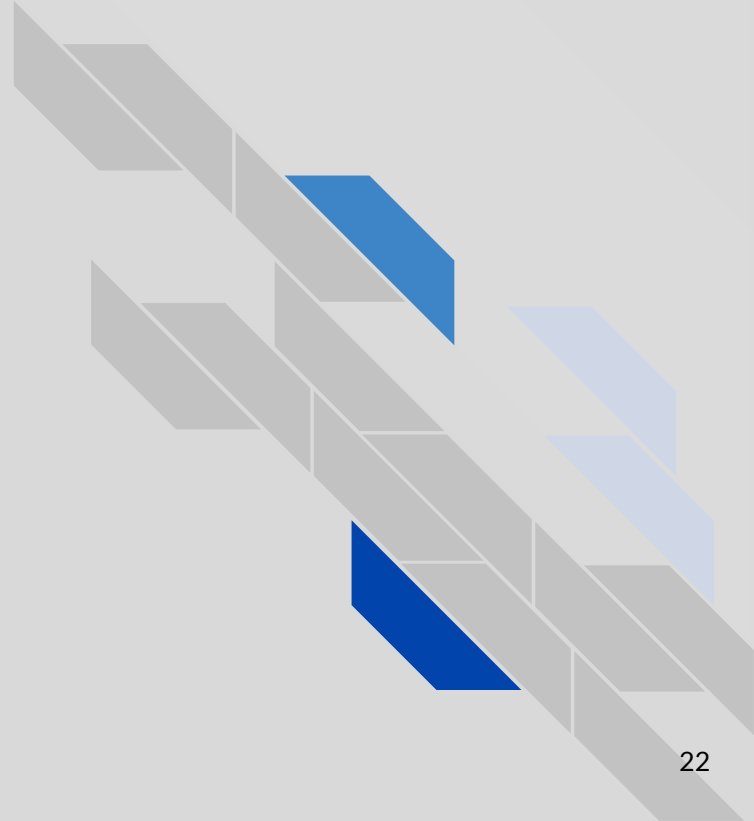
Class of 2018 Herricks High School SAT Mean Scores

	2018	2017	2016	2015	2014
Mathematics	650	634	594	609	592
Evidence Based Reading and Writing	620	618	N/A	N/A	N/A
Critical Reading	N/A	N/A	554	573	549
Writing	N/A	N/A	574	585	569

ACT Exams

Year	<i>Total Tested Herricks</i>	<i>Average Score Herricks</i>	<i>Average Score NYS</i>	<i>Average National Score</i>
2018	167	26.9	24.5	20.9
2017	175	26.3	24.2	21
2016	178	26.2	23.9	20.8
2015	162	25.8	23.7	21
2014	116	25.2	23.4	21

Evidence





SOCIAL STUDIES

National History Day Competition

Middle School

- 4 projects won awards
- 1 project finished as a finalist in its category

High School

- Senior Level won 10 awards
- 5 finalists
- Top 8 placing projects from the High School and 3 top placing projects from the Middle School competed advance to Cooperstown, NY

National Geography Bee 2017 (10 Grade 6; 13 Grade 7; 14 Grade 8)

Euro Challenge tests students' knowledge and understanding of the European economy and the euro by asking them to describe the current economic situation in the euro area. Contenders are required to select one specific challenge and illustrate it with examples from one country, then recommend a policy or policies for addressing the issue identified in that area.

- Herricks Team awarded 5th place in the Euro Challenge semifinal round
- 4 sophomores and 2 freshmen selected as finalists, a title that only one other Long Island team has earned in the contest's history.
- Herricks among top 25 teams of 100 from 14 different states.
- Finalist Trophy



MATHEMATICS

Herricks High School

- AMC 10/12 National Mathematics Competition (organized by the Mathematics Association of America)
156 students participated
2 students qualified for the AIME math contest
- Nassau County Interscholastic Math League- 4 teams/20 students participated
1 Team placed First in the tournament and qualified for the All Stars State Championship
- LI Math Fair- 12 students presented their Math research paper at Hofstra University
8 Students won Gold /Silver medals
- Mathletes and Continental Math League Competitions- Top 10 in Nassau County
- M3 Math modeling Challenge- One team won a scholarship of \$3000
- Computer science /STEM for Girls Contest- One team won national recognition

Herricks Middle School

- Noetic Math National Online Contest: Grades 6 and 7 students
Received Team Achievement Award for the fall and spring contests.
7 students received recognition and medals for their outstanding performance
- AMC 8 National Math Contest - 380 students participated
- MathCON Contest Middle school : 7 students qualified for the final round of competition at University of Chicago
4 students received recognition
- Regional Math Counts Competition: 10 students from Grades 6 and 7 participated
- Continental Math League for Grades 7 and 8
- Long Island Math Fair - 36 students presented their Math Research papers
18 students won Gold or Silver medals.
- STEAM Events and Exhibition- STEAM events and coding were offered and a STEAM exhibition was organized



SCIENCE

- **63 HS Science Research students place in laboratories throughout the US**
- **9 Science Research Student Publications**
- **Conference Presenters**
- **Long Island Science and Engineering Fair**
 - 1st Place Translational Medicine
 - Yale Young Scientist Award
 - Honorary Mentions
- **International Science and Engineering Fair (ISEF) --4th Place Grand Prize**
- **Long Island Science Congress--4 students**
 - Best In Category
 - New York State Finalist
- **Junior Science and Humanities Competition semi-finalist**
- **American Association of Physics Teachers F=ma Examination** 10 Participants
- **American Association of Physics Teachers Physics Bowl Competition**
 - 26 Participants
 - 4th place among Division I HS in Region 5 (NY and MD)
- **Quest Arduino Programming Electronics Seminar (May - June 2018)**
- **Science Olympiad Team--Two 1st place finishes; Two 5th place; Three 6th place**
- **Rube Goldberg Competition** NY State Competition: 5th Place statewide
- **US Biology Olympiad** National Semifinalist
- **NYS Chemistry Olympiad** 12 Student Participants



INTERSCHOLASTIC ATHLETICS

Members of Herricks High School Interscholastic Athletic teams received a total of 100 awards during the 2017-2018 school year.

- All State 2nd Team
- All County
- All Conference
- All Division
- All County Honorable Mention
- All Class and All League

- 26 Varsity Scholar Athlete Teams
 - *to achieve scholar athlete status, 75% of a team's GPA must be 90% or higher



BUSINESS

- **DECA:** 26 members attended the International Career Development Conference in Atlanta
4 students advanced to the final round of competition
- **Virtual Enterprise:** *Pack'd* and *Home Plate*, each won the **Gold Award** for excellence at the 2018 Youth Business Summit and Trade Show in NYC
- **HS Robotics Team:** Received "**Judges Award**" at the team's first competition (this is a special recognition given by the judges for outstanding accomplishments;
Team received the "**Excellence Award**" for the top all-around team for robot performance at the second competition
Advanced to NYS Championship
- **ART:** HS art student received the **Nassau County HS Art Scholar Award**;
24 K-12 Herricks students participated in the Annual Art Supervisors All-County Art Exhibition at SUNY Farmingdale
35 students participate in the **3rd Annual AP Art and Photo Exhibition at the Tilles Center**
- **F&CS: STEAM project in 8th grade Home and Careers was highlighted in Newsday**



MUSIC

- 22 students accepted into All State
- 200 students accepted into All County and 75 in LISFA
- 9 students accepted into the NYSBDA Band Festival
- 1 student named a Scholar Artist Merit winner
- 3 students attended Music for All Orchestra
- HS Chamber Orchestra won first place in ASTA National Orchestra Competition
- HS Wind Ensemble selected to perform at All State Festival
- HS Chamber Choir selected to perform at the Music for All Choral Festival
- Herricks designated a NAMM Best Community for Music Education
- Herricks Music Department-- National Recognition for "Best Community for Music" and a 2-day residence with the John Lennon Bus
- Herricks HS and Herricks MS Tri-M Chapters named International Chapter of the Year.
**First time in history both awards are from the same school district*

Class of 2018

Post-Graduation Plans

4-yr. College	331	
2-yr. College	32	
Military Service	1	
Employment	2	
Other Post-Secondary	0	
Non-Grad	3	
	369	Total Students
98% Graduation Rate (Aug.)		
96% Plan to Attend College (self-report)		

Class of 2018

4-Year Colleges with Highest Initial Enrollment

◆ Adelphi University	◆ Drexel University	◆ Pennsylvania State University
◆ Binghamton University	◆ Fashion Institute of Technology	◆ Rochester Institute of Technology
◆ Boston College	◆ Fordham University	◆ Rutgers University
◆ Buffalo University	◆ Hofstra University	◆ St. John's University
◆ U.C Berkeley	◆ University of Michigan	◆ Stony Brook University
◆ Carnegie Mellon	◆ Molloy College	◆ SUNY Albany
◆ CUNY City College	◆ New York Institute of Technology	◆ SUNY Cortland
◆ CUNY Hunter College	◆ New York University	◆ SUNY Old Westbury
◆ CUNY Macaulay Honors College	◆ Northeastern University	◆ SUNY Potsdam
◆ CUNY Queens College	◆ Pace University	◆ Villanova University
◆ Cornell University		

Class of 2018 College Enrollment

- | | | | |
|--|--|---------------------------------------|---|
| • Adelphi University | • CUNY-Macaulay Honors College | • The Juilliard School | • Quinnipiac University |
| • American University | • Dartmouth College | • Kent State University | • Rensselaer Polytechnic Institute |
| • Baruch College | • University of Delaware | • La Salle University | • University of Rhode Island |
| • Belmont Abbey College | • Dickinson College | • Long Island University, Brooklyn | • Rider University |
| • Bentley University | • Drexel University | • Marist College | • Rochester Institute of Technology |
| • Binghamton University | • Duke University | • University of Maryland College Park | • University of Rochester |
| • Borough of Manhattan Community College | • Emerson College | • University of Massachusetts Amherst | • Rutgers University - Camden |
| • Boston College | • Emmanuel College | • Mercy College | • Saint John's University |
| • Boston University | • Emory University | • University of Miami | • Savannah College of Art and Design |
| • Brooklyn College | • Farmingdale State College | • University of Michigan | • School of the Art Institute of Chicago |
| • Bryn Mawr College | • Fashion Institute of Technology | • Molloy College | • School of Visual Arts |
| • University of California, Berkeley | • University of Florida | • Mount Holyoke College | • University of South Carolina |
| • University of California Los Angeles | • Fordham University | • Nassau Community College | • Stanford University |
| • Carnegie Mellon University | • The George Washington University | • University of New Haven | • State University of New York at Albany |
| • Case Western Reserve University | • Georgetown University | • New York Institute of Technology | • State University of New York at New Paltz |
| • University of Chicago | • Hartwick College | • New York University | • Stevens Institute of Technology |
| • City College of New York | • Haverford College | • Northeastern University | • Stony Brook University |
| • Colby-Sawyer College | • Hofstra University | • Northwestern University | • Suffolk County Community College Eastern Campus |
| • The College of Saint Rose | • Hunter College of the CUNY | • Nyack College | • Suffolk County Community College Western Campus |
| • University of Colorado at Boulder | • Indiana University at Bloomington | • Olin College of Engineering | • SUNY Buffalo State College |
| • Columbia University | • Iona College | • Pace University, New York City | • SUNY College at Brockport |
| • The Cooper Union | • Ithaca College | • Pennsylvania State University | • SUNY College at Cobleskill |
| • Cornell University | • John Jay College of Criminal Justice | • Pratt Institute | • SUNY College at Cortland |
| | | • Queens College of the CUNY | |
| | | • Queensborough Community College | |



Class of 2018 College Enrollment (cont'd)

- SUNY College of Environmental Science and Forestry
- SUNY College at Geneseo
- SUNY Morrisville State College
- SUNY College at Old Westbury
- SUNY College at Oneonta
- SUNY College at Potsdam
- SUNY Delhi
- SUNY Fredonia
- SUNY Maritime College
- SUNY Oswego
- SUNY Plattsburgh
- Syracuse University
- Temple University
- University of Tennessee, Knoxville
- The New School
- United States Air Force Academy
- University at Buffalo
- Utica College
- Vanderbilt University
- Vaughn College of Aeronautics and Tech
- University of Vermont
- Villanova University
- University of Virginia
- University of Wisconsin, Madison
- Yale University
- York College



In summary...

- 01 Increased mastery rates on most Regents exams
- 02 Increase in total number of AP exams taken
- 03 Increase in percentage and number of students achieving an AP score of 3 or higher
- 04 Increase in number of students receiving Advanced Regents Diplomas