



# WATCHUNG HILLS REGIONAL HIGH SCHOOL

## School Profile 2019-2020

CEEB Code: 311231

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**Elizabeth C. Jewett, Ph.D.**  
Superintendent

**William J. Librera**  
Principal

**Jason J. Sabino**  
Director of Guidance

### **Vision Statement**

The Watchung Hills Regional High School learning community is committed to developing critical and creative thinkers who collaborate and communicate effectively to solve academic and real-world problems. Our sustained focus on inquiry deepens our understanding of the relevance of academic skills. Our culture of acceptance and our commitment to aesthetic, athletic, and service interests broaden our approach to learning and strengthen our social and emotional intelligences. Through reflection and ethical decision-making, we continue to learn and grow, embrace differences, and prepare for an increasingly complex, ever-changing world.

### **School**

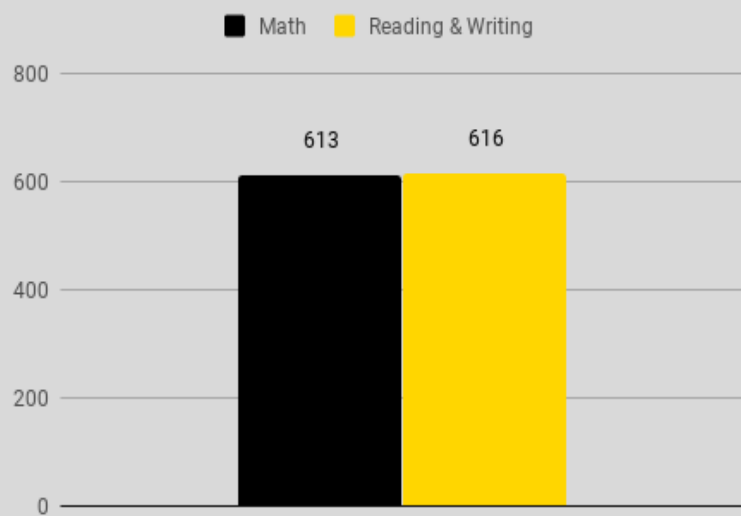
Watchung Hills Regional High School is a highly performing secondary institution that is committed to excellence and equity. Our culture of inquiry and collaboration supports a comprehensive academic program, designed to teach students to ask questions, take risks, and solve problems. With emphasis on a growth mindset and social and emotional wellness, we help students discover their passions, discern pathways, and embrace challenges. Our 1:1 technology and STEAM initiatives complement a rich array of academic and co-curricular opportunities, including 24 AP courses, 31 interscholastic sports, and more than 60 clubs and activities. Students develop leadership skills and contribute to our school community through student government, student-run publications, service organizations, academic competitions, and award-winning performing arts programs. The student enrollment is 1978 with a senior class of 472. Approximately 92% of the Class of 2019 is attending post-secondary institutions.

### **Community**

Located in Somerset County, 25 miles from New York City, the school serves the suburban communities of Green Brook, Long Hill, Warren, and Watchung. Parents, alumni, and local organizations strengthen our school community through their support of the PTO, athletic and co-curricular booster clubs and associations, and strategic planning committees.

# Standardized Testing

**SAT Reasoning Scores: Class of 2019**

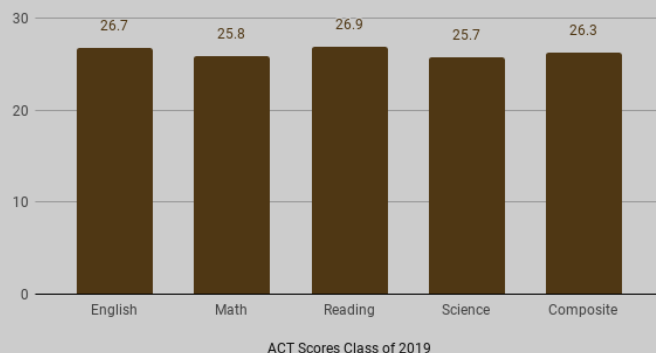


SAT Subject Class of 2019	Mean Score
Literature	663
US History	719
World History	596
Math Level 1	663
Math Level 2	732
Biology-E	567
Biology-M	683
Chemistry	714
Physics	675

**National Merit Scholarship Program**

Class of	2020	2019	2018	2017
Recognized	30	33	68	46
Commended	26	27	53	36
Semifinalist	4	6	15	10
Finalist		6	15	10

**ACT Scores: Class of 2019**



## GPA Calculation

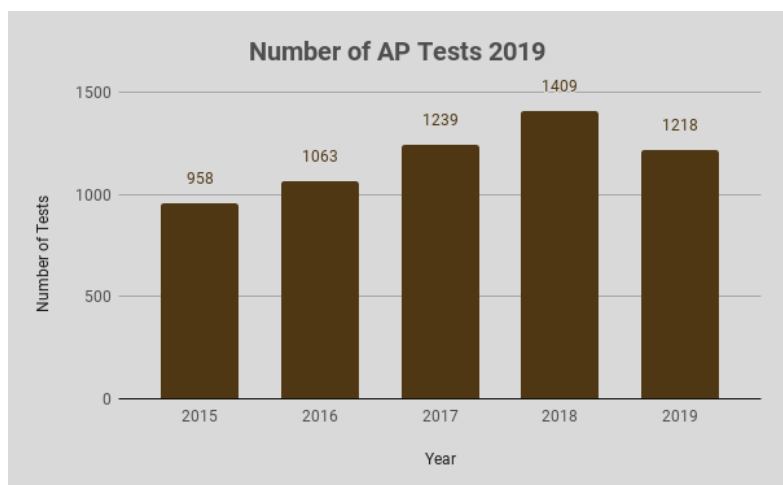
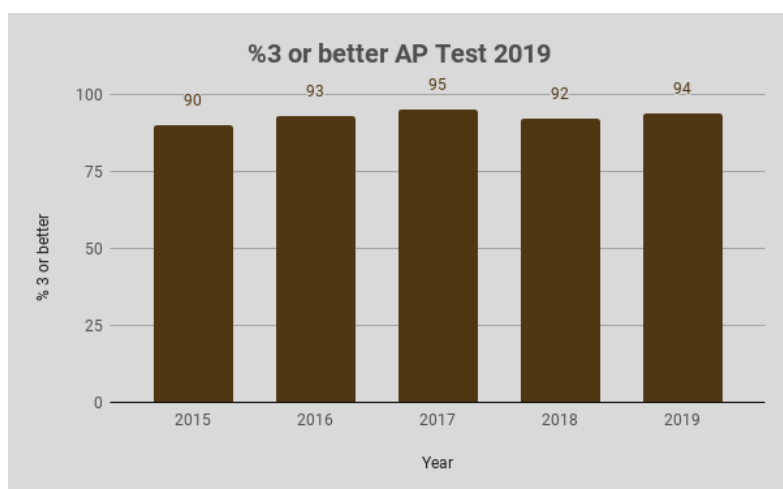
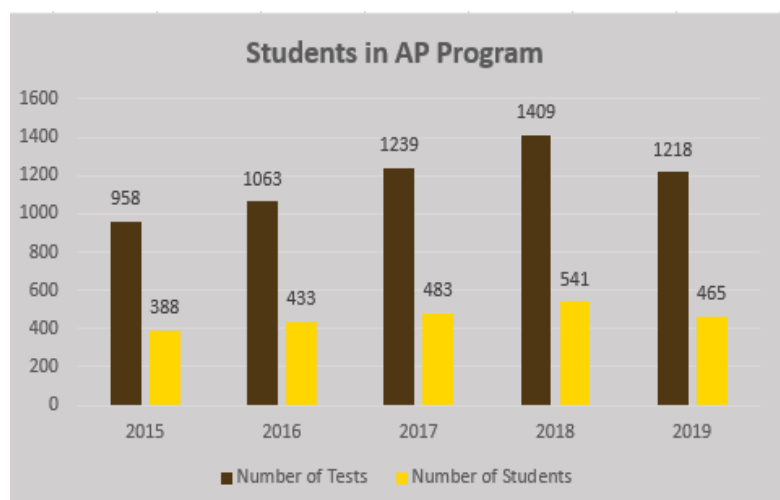
WHRHS calculates a non-weighted grade point average on a 4.0 scale and a weighted grade point average on a 5.3 scale. The GPAs are calculated using the values from the chart for each final grade earned.

Watchung Hills Regional High School does not report class rank for the college application process. The Class of 2020 has 472 students and the highest weighted GPA (six semester average) is 5.0835.

Numeric Range	Non Wt GPA	CP	A	AP/Honors
95-100	4	4.5	4.9	5.3
90-94	3.75	4.22	4.59	4.97
87-89	3.5	3.94	4.29	4.64
83-86	3.25	3.66	3.98	4.31
80-82	3	3.38	3.68	3.98
77-79	2.75	3.09	3.37	3.64
73-76	2.5	2.81	3.06	3.31
70-72	2.25	2.53	2.76	2.98
67-69	1.75	1.97	2.14	2.32
63-66	1.5	1.69	1.84	1.99
60-62	1.25	1.41	1.53	1.66
below 60	0	0	0	0

# AP Summary

WHRHS had 465 students sit for 1218 exams in 2019. Students averaged 2.6 exams each during the 2019 administration of exams. The school had an average exam score of 4.12 and continued to see a rise in the percentage of students getting a 3 or higher.



All values are a percentage of total. Total = students				
AP Class	5	4	3	Total
Art History	71	14	14	7
Biology	39	50	11	38
Calc AB	67	16	14	69
Calc BC	66	21	10	41
Chemistry	39	29	29	31
Chinese	62	23	15	13
Comp Sci A	50	40	10	20
CS Principles	31	30	38	88
Eng Lang	29	29	34	113
Eng Lit	9	39	41	93
Env Sci	27	61	3	33
Euro	35	41	24	17
Human Geo	67	17	0	12
Italian	0	0	100	1
Macro	23	32	28	81
Micro	26	38	20	84
Phys C-Elec	36	31	17	42
Phys C-Mech	56	20	24	50
Psyc	49	34	8	98
Span lang	61	39	0	18
Stat	48	30	16	67
US Gov	65	16	19	37
US History	56	38	4	52

AP Scholars					
Award	2019	2018	2017	2016	2015
National	36	39	31	21	34
With Distinction	122	136	110	96	101
With Honor	41	44	47	48	39
AP Scholars	58	74	67	56	63



## Representative Sample College Matriculations 2017-2019

American University	Harvard University	Princeton University
Boston College	Haverford College	Purdue University
Boston University	University of Illinois at Urbana-Champaign	Rensselaer Polytechnic Institute
Brandeis University	Indiana University at Bloomington	University of Richmond
Bucknell University	James Madison University	Rochester Institute of Technology
California Institute of Technology	Johns Hopkins University	University of Rochester
University of California, Berkeley	Johnson & Wales University	Rutgers University-New Brunswick
University of California, Los Angeles	Lafayette College	The University of Scranton
Carnegie Mellon University	Lehigh University	Seton Hall University
University of Chicago	Loyola University Maryland	Smith College
Clemson University	University of Maryland, College Park	University of Southern California
Colgate University	Massachusetts Institute of Technology	Stanford University
Columbia University	University of Massachusetts, Amherst	Stevens Institute of Technology
Cornell University	McGill University	Swarthmore College
University of Delaware	University of Miami	Syracuse University
Drew University	University of Michigan	The University of Texas, Austin
Drexel University	Morehouse College	The Culinary Institute of America
Duke University	Muhlenberg College	Trinity College Dublin
Elon University	New Jersey Institute of Technology	Tufts University
Emory University	The College of New Jersey	Tulane University
Fairfield University	New York University	Vanderbilt University
University of Florida	The University of North Carolina at Chapel Hill	Villanova University
Fordham University	Northeastern University	Virginia Tech
Franklin & Marshall College	Northwestern University	Wake Forest University
The George Washington University	University of Notre Dame	Washington University in St. Louis
Georgetown University	Oberlin College	William & Mary
Georgia Institute of Technology	Pennsylvania State University	University of Wisconsin, Madison
University of Georgia	University of Pennsylvania	Yale University
Gettysburg College	University of Pittsburgh	

# Curriculum

Discipline	Courses and Electives			Honors/AP Courses	
<b>Business Arts</b>	Introduction to Accounting Accounting 1 Accounting 2 Computer Science Concepts in Business/ Technology	Cyber Security Digital Marketing E-commerce Marketing Entrepreneurship Game Programming	Intro Mobile App Development Law, Leadership and Ethics Sports and Entertainment Man- agement Stock Market Investing	Honors Accounting 2 Honors Marketing	
<b>English</b>	English 1 English 2 English 3 English 4	American Humanities Creative Writing 1 Fantasy/Science Fiction Journalism	Literature Through Graphic Novels Philosophy I Philosophy II Shakespeare	Honors English 9, 10 Honors Creative Writing 2 AP English Language and Composition AP English Literature and Composition	
<b>Math</b>	Algebra 1 Algebra 2 Algebra 3 Geometry	Pre-Calculus with Trig Calculus Advanced Math Probability		Honors Geometry Honors Algebra 2 Honors Statistics AP Statistics Honors Pre-Calculus with Trig	AP Calculus: AB and BC Honors Multivariate Calculus AP Computer Science Principles AP Computer Science A
<b>Science</b>	Biology Chemistry Physics Aerospace Engineering CAD Architecture Forensic Chemistry Modern Genetics (Molecular Bio and Biostatistics)	Astronomy Ecology Human Biology Marine Biology Organic Chemistry Robotics	Project Lead the Way: • Introduction to Engineering Design • Principles of Engineering • Digital Electronic • Civil Engineering Architecture	Honors Biology AP Biology Honors Chemistry AP Chemistry Honors Physics AP Physics C: Mechanical/ Electricity and Magnetism	Honors Forensic Chemistry Honors Organic Chemistry AP Environmental Science
<b>Social Studies</b>	Economics Native American History Sociology U.S. History 1 U.S. History 2 World History	Current Issues in American History Ethical Choices Today (previously Facing History and Ourselves) Human Behavior Holocaust and Genocide Studies		Honors Constitutional Law Honors Holocaust and Genocide AP U.S. History 2 AP U.S. Government and Politics AP Human Geography	Honors World History Honors U.S. History 1 AP Economics AP European History AP Psychology
<b>Visual and Performing Arts</b>	Acting Workshop Advanced Dance Workshop Advanced Ceramics Art History Ceramics 1, 2, and 3 Chorus Cinema Studies Computer Aided Design 1, 2, and 3 Concert Band (Freshman)	Crafts Dance Studio 1 and 2 Fine Arts 1 and 2 Guitar Hip Hop Introduction to Theatre Arts Jewelry Keyboarding/Piano Music Appreciation Music Tech	Music Theory Orchestra (Strings) Photography 1, 2, and 3 Sculpture/3-D Design, 2 Symphonic Band Theatre Production Video Production 1, 2, and 3 Wood Arts 1, 2, and 3 World Dance	Honors Advanced Chorus Honors Fine Arts 3 Honors Wind Ensemble AP Art History AP Music Theory AP Studio Art 2-D Design AP Studio Art 3-D Design	
<b>World Language</b>	French 1 French 2 French 3 French 4 French 5 Italian Cultural Studies	Italian 1 Italian 2 Chinese 1 Chinese 2 Novice Spanish 2 Spanish Immersion and Culture	Spanish 1 Spanish 2 Spanish 3 Spanish 4 Spanish 5 English as a Second Language	Honors Chinese 3 Honors Chinese 4 AP Chinese Language and Cul- ture Honors French 3 Honors French 4 AP French Language and Culture	Honors Italian 3 Honors Italian 4 AP Italian Language and Culture Honors Spanish 3 Honors Spanish 4 AP Spanish Language and Culture
<b>Family and Consumer Science</b>	Child Development 1, 2, 3, and 4			Culinary Arts 1 and 2	
<b>Health and PE</b>	Comprehensive Health and Physical Education – Grades 9, 10, 11, and 12				

