

Bridgewater-Raritan Regional School District

Annual Report on Student Achievement Part 2

High School Results

ACT, SAT, and AP Scores; College Acceptances

November 2019

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Advanced Placement Results Over Time

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| # of students | 2621 | 2724 | 2706 | 2804 | 2856 | 2820 | 2869 | 2907 | 2834 | 2861 | 2870 | 2960 | 2909 | 2818 |
| # of students taking one or more AP test | 303 | 337 | 367 | 397 | 449 | 487 | 484 | 547 | 582 | 530 | 529 | 579 | 636 | 632 |
| Overall participation | 11.5% | 12.4% | 13.5% | 14% | 15.7% | 17.3% | 16.8% | 18.7% | 20.5% | 18.5% | 18.4% | 19.6% | 21.8% | 22.4% |
| Graduating class summary | 27.2% | 31.1% | 33.5% | 34.8% | 40.1% | 38.8% | 40.7% | 44.9% | 42.6% | 40.9% | 39.5% | 39.4% | 44.9% | 43.2% |
| # of AP tests taken | 699 | 782 | 874 | 931 | 1102 | 1250 | 1260 | 1359 | 1477 | 1463 | 1299 | 1399 | 1567 | 1569 |
| Average tests per student | 2.30 | 2.32 | 2.38 | 2.34 | 2.45 | 2.56 | 2.6 | 2.5 | 2.54 | 2.76 | 2.45 | 2.41 | 4.05 | 4.02 |
| % Passing | 92% | 90% | 89% | 88% | 92% | 95% | 94% | 95% | 91% | 93% | 91% | 93% | 93% | 92% |

AP Excellence Report

(Students who scored 3 or higher on at least one AP Exam)

| Year | # of students | 10 th | 11 th | 12 th |
|------|---------------|------------------|------------------|------------------|
| 2006 | 303 | 0.4% | 15.6% | 25.5% |
| 2007 | 337 | 0.9% | 18.3% | 26.2% |
| 2008 | 367 | 0.9% | 19.8% | 30.0% |
| 2009 | 397 | 0.3% | 23.3% | 28.6% |
| 2010 | 449 | 1.1% | 23.1% | 34.7% |
| 2011 | 487 | 0.3% | 27.6% | 35.4% |
| 2012 | 484 | 0.9% | 30.1% | 34.9% |
| 2013 | 547 | 2.8% | 29.3% | 40.4% |
| 2014 | 582 | 3.8% | 32.6% | 37.7% |
| 2015 | 530 | 3.2% | 28.4% | 35.8% |
| 2016 | 529 | 3.3% | 29.7% | 35.5% |
| 2017 | 579 | 5.2% | 33.6% | 39.4% |
| 2018 | 636 | 7.8% | 32.9% | 39.8% |
| 2019 | 632 | 10.9% | 34.8% | 38.1% |

AP Results: English and Mathematics

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|------------------------------------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P |
| English Language and Composition | 92 | 95% | 103 | 97% | 128 | 95% | 131 | 95% | 146 | 91% | 100 | 96% | 64 | 98% | 72 | 100% | 99 | 97% | 91 | 99% |
| English Literature and Composition | 62 | 97% | 73 | 97% | 59 | 100% | 56 | 100% | 54 | 93% | 91 | 93% | 34 | 100% | n/a | n/a | 52 | 92% | 48 | 94% |
| Calculus AB | 59 | 76% | 89 | 87% | 94 | 94% | 88 | 95% | 120 | 96% | 100 | 95% | 98 | 97% | 109 | 97% | 114 | 91% | 111 | 87% |
| Calculus BC | 87 | 95% | 94 | 95% | 87 | 100% | 86 | 100% | 103 | 99% | 101 | 100% | 94 | 98% | 109 | 98% | 118 | 98% | 131 | 94% |
| Computer Science A | | | | | 34 | 91% | 36 | 94% | 23 | 91% | 44 | 93% | 57 | 95% | 41 | 95% | 45 | 98% | 53 | 100% |
| Computer Science Principles | | | | | | | | | | | | | | | 58 | 100% | 76 | 100% | 75 | 99% |
| Statistics | 32 | 100% | 45 | 100% | 55 | 98% | 46 | 98% | 42 | 98% | 69 | 97% | 47 | 96% | 48 | 100% | 42 | 100% | 59 | 98% |

AP Results: Science

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|-----------------------|------|-----|------|------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|
| | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P |
| Biology | 58 | 93% | 46 | 100% | 51 | 94% | 39 | 95% | 42 | 98% | 23 | 96% | 28 | 96% | 75 | 99% | 47 | 98% | 55 | 95% |
| Chemistry | 42 | 81% | 53 | 92% | 56 | 91% | 50 | 98% | 55 | 87% | 74 | 82% | 29 | 97% | 30 | 93% | 34 | 88% | 28 | 96% |
| Environmental Science | 58 | 90% | 43 | 84% | 21 | 90% | 66 | 82% | 63 | 76% | 69 | 84% | 67 | 79% | 64 | 78% | 77 | 74% | 54 | 81% |
| Physics B | 25 | 92% | 42 | 88% | 66 | 95% | 73 | 81% | 75 | 96% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Physics C: E & M | 34 | 88% | 42 | 78% | 33 | 85% | 42 | 81% | 45 | 76% | 58 | 79% | 26 | 88% | 40 | 85% | 41 | 83% | 22 | 86% |
| Physics C: Mechanics | 37 | 95% | 43 | 84% | 43 | 88% | 49 | 96% | 47 | 96% | 62 | 92% | 31 | 97% | 46 | 96% | 57 | 100% | 27 | 100% |
| Physics 1 | | | | | | | | | | | 78 | 76% | 86 | 78% | 89 | 85% | 107 | 82% | 116 | 77% |
| Physics 2 | | | | | | | | | | | 18 | 61% | 19 | 79% | 15 | 87% | 14 | 71% | 14 | 86% |

AP Results: Social Studies, Business, and Fine Arts

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P |
| Psychology | 140 | 93% | 189 | 91% | 159 | 94% | 181 | 92% | 207 | 86% | 158 | 93% | 185 | 88% | 185 | 89% | 172 | 90% | 181 | 87% |
| US Gov & Pol | 65 | 92% | 61 | 82% | 34 | 79% | 45 | 82% | 65 | 82% | 43 | 86% | 70 | 81% | 58 | 81% | 50 | 80% | 44 | 80% |
| European History | 34 | 85% | 20 | 95% | 49 | 94% | 29 | 86% | 35 | 89% | 41 | 85% | 43 | 72% | 26 | 88% | 30 | 90% | 27 | 89% |
| US History | 65 | 94% | 86 | 98% | 61 | 100% | 62 | 97% | 76 | 96% | 74 | 97% | 77 | 94% | 84 | 94% | 96 | 93% | 96 | 93% |
| Comp Gov & Pol | | | | | 1 | 100% | 3 | 67% | 1 | 100% | 2 | 100% | 1 | 100% | | | 2 | 50% | 3 | 100% |
| Human Geography | | | | | | | 3 | 100% | 3 | 100% | | | 3 | 67% | 1 | 100% | | | 1 | 100% |
| Seminar | | | | | | | | | | | | | | | | | | | 15 | 100% |
| Microeconomics | 76 | 99% | 82 | 94% | 77 | 96% | 118 | 96% | 94 | 90% | 102 | 90% | 88 | 94% | 79 | 94% | 109 | 92% | 122 | 91% |
| Macroeconomics | 40 | 90% | 60 | 98% | 49 | 94% | 64 | 95% | 75 | 95% | 57 | 79% | 53 | 81% | 81 | 88% | 96 | 95% | 91 | 90% |
| Music Theory | 12 | 100% | 10 | 60% | 6 | 67% | 15 | 73% | 15 | 73% | 14 | 93% | 15 | 53% | 1 | 100% | 11 | 91% | 6 | 83% |
| Studio Art: Draw | 19 | 100% | 18 | 100% | 10 | 100% | 13 | 100% | 14 | 100% | 4 | 100% | 10 | 100% | 14 | 100% | 10 | 100% | 11 | 100% |
| Studio Art: Design | | | | | | | | | | | | | 1 | 100% | | | | | | |
| Art History | | | | | 2 | 50% | | | 2 | 100% | | | 1 | 0% | | | | | 1 | 0% |

AP Results: World Languages

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P | T | P |
| French | 16 | 81% | 11 | 100% | 27 | 100% | 8 | 100% | 15 | 100% | 11 | 100% | 12 | 100% | 14 | 100% | 9 | 100% | 14 | 100% |
| German | 13 | 92% | 15 | 93% | 8 | 100% | 9 | 100% | 7 | 100% | 15 | 93% | 3 | 100% | 14 | 93% | 10 | 90% | 4 | 75% |
| Italian | | | | | 3 | 100% | 10 | 100% | 4 | 100% | 8 | 100% | 7 | 100% | 8 | 100% | 11 | 100% | 6 | 100% |
| Spanish | 15 | 100% | 8 | 100% | 18 | 100% | 12 | 92% | 24 | 100% | 20 | 100% | 19 | 100% | 14 | 100% | 15 | 100% | 38 | 100% |
| Latin | 5 | 60% | 8 | 88% | 14 | 93% | 12 | 83% | 11 | 82% | 11 | 64% | 14 | 93% | 15 | 100% | 8 | 100% | 11 | 91% |
| Chinese | 8 | 100% | 12 | 92% | 16 | 81% | 3 | 100% | 10 | 90% | 14 | 93% | 17 | 100% | 9 | 89% | 15 | 100% | 14 | 93% |

The SAT Mean Scores Among Seniors: Top 10 NJ Public Schools, as Reported by nj.com May 29, 2019 (800 is top score. Scores reflected are 2018.)

| School | ERW* | Mathematics |
|--|------|-------------|
| Milburn High School | 665 | 682 |
| West Windsor-Plainsboro HS North | 657 | 690 |
| Tenafly High School | 658 | 682 |
| Princeton High School | 654 | 666 |
| West-Windsor-Plainsboro HS South | 647 | 669 |
| Montgomery High School | 641 | 670 |
| Ridge High School | 639 | 663 |
| J.P. Stevens High School | 621 | 657 |
| Ridgewood High School | 627 | 642 |
| Northern Highlands Regional High School | 627 | 642 |
| How did Bridgewater-Raritan compare with the top 10? | | |
| Bridgewater-Raritan Regional High School | 622 | 640 |

BRRSD SAT Mean Scores*:

(800 is top score)

| Mathematics | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| BRRSD | 584 | 583 | 598 | 593 | 591 | 593 | 587 | 603 | 630 | 615 |
| New Jersey | 514 | 516 | 517 | 522 | 523 | 521 | 514 | 537 | 547 | 545 |
| Total | 515 | 514 | 514 | 514 | 513 | 511 | 508 | 533 | 531 | 528 |

| Reading | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | ERW 2017 | ERW 2018 | ERW 2019 |
|------------|------|------|------|------|------|------|------|----------|----------|----------|
| BRRSD | 541 | 535 | 546 | 546 | 543 | 549 | 547 | 592 | 607 | 600 |
| New Jersey | 495 | 495 | 495 | 499 | 501 | 500 | 495 | 539 | 547 | 544 |
| Total | 500 | 497 | 496 | 496 | 497 | 495 | 494 | 538 | 536 | 531 |

| Writing | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------|------|------|------|------|------|------|------|
| BRRSD | 548 | 548 | 557 | 552 | 549 | 554 | 548 |
| New Jersey | 497 | 497 | 499 | 500 | 502 | 499 | 492 |
| Total | 491 | 489 | 488 | 488 | 487 | 484 | 482 |

*Data for the graduating class for BRRSD, NJ, and nationally (Total).

ACT Results: % of students who met benchmark scores

| | English | Math | Reading | Writing and ELA | Science | STEM | All Four | Meeting 3 or 4 |
|------|---------|------|---------|-----------------|---------|------|----------|----------------|
| 2010 | 88% | 76% | 71% | | 44% | | 40% | |
| 2011 | 83% | 83% | 65% | | 48% | | 42% | |
| 2012 | 84% | 81% | 69% | | 53% | | 47% | |
| 2013 | 87% | 80% | 68% | | 63% | | 54% | |
| 2014 | 92% | 87% | 62% | | 61% | | 49% | |
| 2015 | 88% | 84% | 71% | | 71% | | 61% | |
| 2016 | 81% | 78% | 71% | | 62% | | 54% | |
| 2017 | 86% | 79% | 71% | | 64% | | 56% | |
| 2018 | 92% | 82% | 76% | | 70% | | 61% | |
| 2019 | 91% | 80% | 80% | 93% | 77% | 64% | | 78% |

Please note that for 2019, ACT only has reports available online, and they provide information differently than paper reports received in the past.

Matriculation Data

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|
| 4 Year College | 72.3% | 72.8% | 66.8% | 73% | 74% | 71% | 72% | 70% | 70% | 68% | 71% | 73% | 71% |
| 2 Year College | 19.4% | 17.2% | 25.7% | 21% | 21% | 24% | 21% | 25% | 24% | 25% | 23% | 20% | 22.4% |
| Non-US College | 0.3% | 0% | 0.1% | N/A | 0.5% | 0.5% | 1.1% | 0.2% | 0.9% | 0.3% | 0.3% | 0.0% | 0.1% |
| Other Post-Secondary | 1.1% | 1.7% | 1.5% | 0.5% | 0.3% | 0.2% | 0.6% | 0.5% | 1.4% | 0.1% | 0.2% | .2% | 0.6% |
| Employed/military/ undecided/gap year | 6.7% | 7.8% | 3.6% | 5.1% | 4.2% | 4.7% | 5.3% | 4.5% | 3.2% | 6.6% | 5.5% | 6.8% | 5.9% |

College Attendance Plans

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Ivy League | 13 | 12 | 17 | 8 | 20 | 14 | 9 | 17 | 10 | 7 | 8 | 8 |
| | 2.7% | 2.6% | 3.4% | 1.5% | 4.0% | 2.9% | 1.8% | 2.4% | 2.2% | 1.4% | 1.5% | 1.6% |
| Other Most Competitive | 56 | 61 | 59 | 44 | 52 | 36 | 50 | 40 | 44 | 50 | 44 | 56 |
| | 11.8% | 13.5% | 12% | 8.5% | 10.4% | 7.6% | 10.1% | 5.7% | 9.7% | 9.6% | 8.4% | 11.2% |
| Ivy and MC Combined | 69 | 73 | 76 | 52 | 72 | 50 | 59 | 57 | 54 | 57 | 52 | 64 |
| | 14.5% | 16.2% | 15.5% | 10% | 14.4% | 10.5% | 11.8% | 8.1% | 11.9% | 12% | 11.5% | 12.9% |
| Highly Competitive | 164 | 133 | 127 | 157 | 141 | 148 | 170 | 192 | 138 | 161 | N/A | N/A |
| | 34.7% | 29.4% | 25.9% | 30.3% | 28.3% | 31.1% | 34.3% | 27.4% | 30.5% | 31.2% | | |
| Other 4 Year Colleges | 240 | 245 | 287 | 310 | 286 | 277 | 267 | 243 | 261 | 248 | N/A | N/A |
| | 50.8% | 54.3% | 58.5% | 59.7% | 57.3% | 58.3% | 53.8% | 34.7% | 58% | 57.8% | | |
| Total | 473 | 451 | 490 | 519 | 499 | 475 | 496 | 492 | 453 | 466 | 522 | 496 |

College Plans: Ivy League Specific

| | Class of 2012 | | | Class of 2013 | | | Class of 2014 | | | Class of 2015 | | | Class of 2016 | | | Class of 2017 | | | Class of 2018 | | | Class of 2019 | | |
|-----------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|
| School | App | Acc | Att | App | Acc | Att | App | Acc | Att | App | Acc | Att | App | Acc | Att | App | Acc | Att | App | Acc | Att | App | Acc | Att |
| | 2012 | 2012 | 2012 | 2013 | 2013 | 2013 | 2014 | 2014 | 2014 | 2015 | 2015 | 2015 | 2016 | 2016 | 2016 | 2017 | 2017 | 2017 | 2018 | 2018 | 2018 | 2019 | 2019 | 2019 |
| Brown | 22 | 1 | 1 | 20 | 1 | 0 | 15 | 1 | 0 | 19 | 1 | 0 | 14 | 2 | 0 | 30 | 2 | 1 | 27 | 0 | 0 | 42 | 1 | 0 |
| Columbia | 42 | 4 | 2 | 27 | 1 | 1 | 24 | 1 | 0 | 21 | 1 | 0 | 13 | 0 | 0 | 37 | 1 | 0 | 36 | 1 | 1 | 33 | 1 | 1 |
| Cornell | 43 | 12 | 8 | 35 | 9 | 7 | 35 | 8 | 6 | 57 | 11 | 7 | 43 | 6 | 3 | 52 | 8 | 2 | 62 | 5 | 3 | 50 | 3 | 2 |
| Dartmouth | 9 | 1 | 1 | 10 | 1 | 0 | 9 | 0 | 0 | 13 | 1 | 0 | 10 | 2 | 1 | 16 | 2 | 1 | 10 | 0 | 0 | 14 | 1 | 0 |
| Harvard | 21 | 1 | 0 | 20 | 0 | 0 | 17 | 1 | 1 | 17 | 2 | 1 | 14 | 3 | 2 | 14 | 0 | 0 | 17 | 0 | 0 | 23 | 1 | 1 |
| U Penn | 48 | 4 | 3 | 45 | 3 | 1 | 41 | 3 | 2 | 44 | 5 | 3 | 35 | 2 | 2 | 48 | 2 | 1 | 60 | 3 | 3 | 53 | 1 | 1 |
| Princeton | 38 | 4 | 4 | 38 | 6 | 5 | 35 | 1 | 0 | 36 | 4 | 3 | 25 | 2 | 1 | 44 | 3 | 1 | 45 | 0 | 0 | 53 | 2 | 0 |
| Yale | 27 | 1 | 1 | 16 | 1 | 0 | 13 | 1 | 0 | 19 | 3 | 3 | 16 | 3 | 1 | 15 | 1 | 1 | 18 | 1 | 1 | 23 | 3 | 3 |
| Total | 250 | 28 | 20 | 211 | 22 | 14 | 189 | 16 | 9 | 226 | 28 | 17 | 170 | 20 | 10 | 256 | 19 | 7 | 285 | 10 | 8 | 291 | 13 | 8 |