

Student Performance Review



Presentation to the Board of Education
November 10, 2015

Irvington High School

Regents Diplomas Awarded



Year	Students	Graduates	Regents Diplomas
2011	155	151	96%
2012	142	142	96%
2013	150	146	97%
2014	148	146	95%
2015	134	130	95%

- 5 Mandated Regents
 - English
 - Integrated Algebra
 - Global History
 - US History
 - Living Environment

Irvington High School National Merit Finalists

Class of:	2011	2012	2013	2014	2015	2016
Semi-Finalists	3	3	2	5	1	3
Finalists	3	3	2	1	1	?

Irvington High School SAT Scores

Major Sections of the SAT	2011	2012	2013	2014	2015
Critical Reading	575	580	571	606	606
Math	577	589	583	624	608
Writing	585	583	573	617	609

National Averages

Major Sections of the SAT	2015
Critical Reading	495
Math	511
Writing	484

Irvington High School Scholar Athletes



œ 2014-15: 16 varsity teams honored as NYS Scholar Athlete teams (above 90 avg) and 1 team was a NYS Scholar Athlete Champion as highest GPA's in the state

Irvington Union Free School District



2015 Student Performance Review

Irvington High School
Advanced Placement Courses Offered, including
Exam Participation and Passing Data

School Year	2011	2012	2013	2014	2015
# of Courses	17	19	19	17	18
N Taking	500	555	590	557	526
N Passing	336	381	368	367	405
Enrollment	612	608	594	559	530

Purpose of Student Performance Review

- ∞ To answer the question, “how are our schools doing?”
- ∞ To improve student performance
- ∞ To review multi-year performance to see trends within content areas
- ∞ To guide professional development
- ∞ To guide curriculum development
- ∞ To target interventions in specific content areas

Irvington High School AP Scores



English Language and Composition

Score	2011	2012	2013	2014	2015
5	15	6	9	9	11
4	17	15	15	21	19
3	15	15	27	25	23
2	6	11	33	14	13
1		7	7	5	3
Total Exams	53	54	91	74	69
Mean Score	3.77	3.04	2.85	3.2	3.32

English Literature and Composition

Score	2011	2012	2013	2014	2015
5	5	8	3	8	4
4	9	8	13	14	16
3	15	13	13	22	15
2	11	9	14	23	8
1	5	6	3	2	3
Total Exams	45	44	46	69	46
Mean Score	2.96	3.07	2.98	3.04	3.22

Calculus AB

Score	2011	2012	2013	2014	2015
5	2	6	2	3	4
4	3	6	6	9	2
3	3	4	5	7	6
2	1	2	2	3	2
1	1	1	1	5	2
Total Exams	10	19	16	27	16
Mean Score	3.4	3.74	3.38	3.07	3.25

Calculus BC

Score	2011	2012	2013	2014	2015
5	8	11	9	8	9
4	7	7	4	7	3
3	3		5	4	6
2	1			2	
1			2	3	
Total Exams	19	18	20	24	18
Mean Score	4.16	4.61	3.9	3.63	4.17

Biology

Score	2011	2012	2013	2014	2015
5	9	3	7	2	1
4	12	8	7	6	6
3	6	4	12	4	7
2	5	1	16	2	1
1	11	7			
Total Exam	43	23	42	14	15
Mean Score	3.07	2.96	3.12	3.57	3.47

Environmental Science

Score	2011	2012	2013	2014	2015
5		1	1	2	3
4	1	2	4	5	9
3	1	3	3	6	9
2		8	13	16	9
1		10	27	18	9
Total Exams	2	24	48	47	39
Mean Score	3.5	2	1.73	2.09	2.69

Chemistry

Score	2011	2012	2013	2014	2015
5	2	2	9	1	4
4	5	4	14	5	10
3	6	5	12	9	15
2	3	4	3	4	6
1	1	2	4	1	2
Total Exams	17	17	42	20	37
Mean Score	3.24	3	3.5	3.05	3.22

World History

Score	2011	2012	2013	2014	2015
5		30	10	15	25
4		12	11	15	2
3		16	4	1	
2		1			
1					
Total Exams		59	25	31	27
Mean Score		4.2	4.24	4.45	4.93

United States History

Score	2011	2012	2013	2014	2015
5	13	17	11	20	25
4	27	25	34	15	36
3	24	27	28	18	13
2	14	16	20	16	10
1	3	6	5	9	2
Total Exams	81	91	98	78	86
Mean Score	3.41	3.34	3.27	3.27	3.84

Psychology

Score	2011	2012	2013	2014	2015
5	6	1	4	3	4
4	4	10	3	15	20
3	4	4	4	10	9
2		6	5	6	4
1	3	8	2	4	7
Total Exams	17	29	18	38	44
Mean Score	3.59	2.66	3.11	3.18	3.23

Macroeconomics

Score	2011	2012	2013	2014	2015
5	3	3	3	6	6
4	7	11	11	8	8
3	9	15	3	9	11
2	12	16	12	21	10
1	27	23	23	18	21
Total Exams	58	68	52	62	56
Mean Score	2.09	2.34	2.21	2.4	2.43

Microeconomics

Score	2011	2012	2013	2014	2015
5	3	3	5	2	7
4	2	8	4	3	11
3	7	12	5	1	9
2	4	7	3	3	2
1	4	5	3	2	4
Total Exams	20	35	20	11	33
Mean Score	2.8	2.91	3.25	3	3.45

French Language and Culture

Score	2011	2012	2013	2014	2015
5		3	4	1	1
4		3	7	5	4
3		4	4	5	6
2				1	
1					1
Total Exams		10	15	12	12
Mean Score		3.9	4	3.5	3.33

Spanish Language and Culture

Score	2011	2012	2013	2014	2015
5	4	1	3	3	2
4	3	5		4	2
3	2	1	3	2	1
2	2		6		
1	2		1		
Total Exams	13	7	13	9	5
Mean Score	3.38	4	2.85	4.11	4.20

Latin

Score	2011	2012	2013	2014	2015
5		3			1
4	3	1	2	6	4
3	7	5	6	13	4
2	3	3	1	9	1
1	5	2	1	1	
Total Exams	18	14	10	29	10
Mean Score	2.44	3	2.9	2.83	3.5

Studio Art: 2-D Design Portfolio

Score	2011	2012	2013	2014	2015
5	1			1	1
4	1			2	
3	1		1	2	
2	3			1	
1					
Total Exams	6		1	6	1
Mean Score	3		3	3.5	5.00

Studio Art: Drawing Portfolio

Score	2011	2012	2013	2014	2015
5	1	1	1	2	1
4		2		1	
3	3		1	1	2
2				1	
1					
Total Exams	4	3	2	5	3
Mean Score	3.5	4.33	4	3.8	3.67

Music Theory

Score	2011	2012	2013	2014	2015
5	1	2			3
4	1	2		1	2
3	4	4	2		
2	5	4	4		
1	1		1		
Total Exams	12	12	7	1	
Mean Score	2.67	3.17	2.14	4.00	4.60

Looking at the Data



- ∞ Value of comparative data
- ∞ Limitations of comparative data

Mathematics



Cohort for Comparison



- ❧ Ardsley
- ❧ Blind Brook
- ❧ Briarcliff Manor
- ❧ Bronxville
- ❧ Byram Hills
- ❧ Chappaqua
- ❧ Dobbs Ferry

- ❧ Edgemont
- ❧ Hastings-on-Hudson
- ❧ Irvington
- ❧ Pleasantville
- ❧ Rye Neck
- ❧ Scarsdale

Grades 3-8 Mathematics Levels 3 & 4

Year	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
2011	76%	89%	91%	93%	96%	90%
2012	85%	87%	95%	89%	90%	94%
2013	61%	66%	62%	68%	60%	68%
2014	67%	77%	72%	72%	71%	60%
2015	62%	73%	75%	74%	65%	62%

2013 represents new cut scores and scale scoring for Grades 3-8

2015 3rd Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Hastings-On-Hudson UFSD	96	341	5.2	12.5	27.1	55.2	82.3
2	Bronxville UFSD	118	338	5.1	13.6	33.9	47.5	81.4
3	Briarcliff Manor UFSD	111	339	6.3	14.4	31.5	47.7	79.3
5	Edgemont UFSD	130	334	6.9	15.4	31.5	46.2	77.7
6	Blind Brook-Rye UFSD	87	340	8	14.9	19.5	57.5	77
9	Byram Hills CSD	159	331	6.9	19.5	35.2	38.4	73.6
10	Scarsdale UFSD	351	329	6	22.2	37	34.8	71.8
12	Chappaqua CSD	276	329	6.5	22.1	31.9	39.5	71.4
14	Rye Neck UFSD	96	328	10.4	19.8	29.2	40.6	69.8
16	Ardasley UFSD	139	322	13.7	20.1	33.1	33.1	66.2
21	Pleasantville UFSD	122	323	4.1	32.8	33.6	29.5	63.1
23	Irvington UFSD	124	315	14.5	22.6	37.1	25.8	62.9
30	Dobbs Ferry UFSD	85	315	18.8	30.6	25.9	24.7	50.6

2015 4th Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
3	Bronxville UFSD	141	339	1.4	14.2	36.9	47.5	84.4
4	Edgemont UFSD	126	336	3.2	13.5	39.7	43.7	83.3
5	Briarcliff Manor UFSD	112	336	3.6	15.2	30.4	50.9	81.3
6	Scarsdale UFSD	352	339	3.4	16.5	30.4	49.7	80.1
7	Dobbs Ferry UFSD	95	339	4.2	15.8	28.4	51.6	80
9	Pleasantville UFSD	107	328	10.3	13.1	36.4	40.2	76.6
11	Byram Hills CSD	143	331	6.3	19.6	35.7	38.5	74.1
12	Chappaqua CSD	274	336	4.4	21.9	24.5	49.3	73.7
13	Irvington UFSD	114	330	4.4	22.8	34.2	38.6	72.8
17	Blind Brook-Rye UFSD	103	330	1.9	28.2	32	37.9	69.9
20	Hastings-On-Hudson UFSD	94	323	8.5	22.3	40.4	28.7	69.1
20	Rye Neck UFSD	94	328	9.6	21.3	28.7	40.4	69.1
24	Ardsley UFSD	143	322	4.9	30.1	37.8	27.3	65

2015 5th Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Briarcliff Manor UFSD	101	340	4	11.9	38.6	45.5	84.2
3	Blind Brook-Rye UFSD	76	332	6.6	15.8	50	27.6	77.6
5	Chappaqua CSD	284	336	6	17.6	39.8	36.6	76.4
6	Irvington UFSD	134	340	3.7	20.9	32.8	42.5	75.4
9	Pleasantville UFSD	102	329	5.9	19.6	49	25.5	74.5
11	Scarsdale UFSD	380	330	6.8	20	44.7	28.4	73.2
12	Rye Neck UFSD	117	339	9.4	17.9	23.9	48.7	72.6
14	Edgemont UFSD	156	330	7.1	21.8	45.5	25.6	71.2
15	Hastings-On-Hudson UFSD	96	329	16.7	12.5	37.5	33.3	70.8
16	Bronxville UFSD	136	329	13.2	16.2	39	31.6	70.6
18	Byram Hills CSD	193	329	9.8	22.3	37.8	30.1	67.9
19	Ardsley UFSD	154	328	9.7	22.7	39.6	27.9	67.5
22	Dobbs Ferry UFSD	108	321	19.4	18.5	34.3	27.8	62

2015 6th Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Byram Hills CSD	190	343	6.8	7.4	23.7	62.1	85.8
2	Chappaqua CSD	296	343	3.4	14.2	23.3	59.1	82.4
3	Briarcliff Manor UFSD	111	341	1.8	16.2	20.7	61.3	82
5	Scarsdale UFSD	353	339	4	15.9	30.3	49.9	80.2
6	Ardsley UFSD	152	337	3.9	16.4	31.6	48	79.6
7	Bronxville UFSD	144	334	6.3	16	36.1	41.7	77.8
7	Edgemont UFSD	162	340	7.4	14.8	21	56.8	77.8
10	Irvington UFSD	117	337	5.1	21.4	21.4	52.1	73.5
13	Rye Neck UFSD	81	333	7.4	19.8	24.7	48.1	72.8
16	Pleasantville UFSD	126	333	4.8	26.2	22.2	46.8	69
21	Dobbs Ferry UFSD	73	323	9.6	30.1	30.1	30.1	60.3
23	Blind Brook-Rye UFSD	86	323	12.8	29.1	24.4	33.7	58.1
26	Hastings-On-Hudson UFSD	98	321	9.2	34.7	31.6	24.5	56.1

2015 7th Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Chappaqua CSD	334	341	2.4	15.9	39.5	42.2	81.7
2	Briarcliff Manor UFSD	113	341	4.4	14.2	42.5	38.9	81.4
5	Edgemont UFSD	135	340	4.4	17.8	39.3	38.5	77.8
6	Byram Hills CSD	177	341	5.6	16.9	31.6	45.8	77.4
7	Scarsdale UFSD	341	335	4.7	22.3	36.7	36.4	73
8	Rye Neck UFSD	77	333	11.7	15.6	36.4	36.4	72.7
9	Ardsley UFSD	132	334	9.1	19.7	36.4	34.8	71.2
11	Bronxville UFSD	137	334	7.3	23.4	38.7	30.7	69.3
12	Blind Brook-Rye UFSD	101	330	5	28.7	41.6	24.8	66.3
12	Dobbs Ferry UFSD	89	325	16.9	16.9	32.6	33.7	66.3
14	Irvington UFSD	122	330	12.3	23	30.3	34.4	64.8
19	Hastings-On-Hudson UFSD	96	322	13.5	26	43.8	16.7	60.4
20	Pleasantville UFSD	101	325	8.9	31.7	31.7	27.7	59.4

2015 8th Grade Mathematics

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Chappaqua CSD	274	346	3.3	14.2	31.4	51.1	96.7
3	Pleasantville UFSD	91	338	3.3	22	38.5	36.3	96.7
5	Scarsdale UFSD	348	337	5.7	23.3	28.2	42.8	94.3
6	Bronxville UFSD	139	330	9.4	20.9	44.6	25.2	90.6
8	Edgemont UFSD	125	331	9.6	24	29.6	36.8	90.4
9	Hastings-On-Hudson UFSD	96	330	5.2	29.2	41.7	24	94.8
10	Blind Brook-Rye UFSD	81	325	9.9	27.2	43.2	19.8	90.1
10	Rye Neck UFSD	46	323	10.9	26.1	45.7	17.4	89.1
12	Irvington UFSD	69	325	8.7	29	46.4	15.9	91.3
14	Ardsley UFSD	135	328	11.1	29.6	28.1	31.1	88.9
15	Briarcliff Manor UFSD	63	324	4.8	36.5	46	12.7	95.2
17	Byram Hills CSD	107	322	9.3	38.3	36.4	15.9	90.7
36	Dobbs Ferry UFSD	42	297	31	64.3	4.8	0	69

Mathematics - Areas of Strength

- ✧ **Grade 3:** Multiply one-digit whole numbers by multiples of 10 in the range 10–90 (e.g., 9×80) using strategies based on place value and properties of operations.
- ✧ **Grade 4:** Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
- ✧ **Grade 5:** Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method
- ✧ **Grade 6:** Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions.
- ✧ **Grade 7:** Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.
- ✧ **Grade 8:** Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations.

Mathematics

Opportunities for Growth

- ✧ **Grade 3:** - Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs.
- ✧ **Grade 4:** Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations
- ✧ **Grade 5:** Interpret division of a unit fraction by a non-zero whole number, and compute such quotients.
- ✧ **Grade 6:** All above region
- ✧ **Grade 7:** Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.
- ✧ **Grade 8:** Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other..

Irvington High School & Irvington Middle School

Math A Regents & Integrated Algebra

Year	0-54%		55-64%	65-84%	85-100%	Total Passing
IA 2011	1%		1%	39%	58%	97%
IA 2012	1%		1%	41%	57%	98%
IA 2013	0%		3%	34%	63%	97%
IA 2014	1%		2%	45%	52%	97%
Regents CCLS	Below 55	55-64	65-73	74-84	85-100	Total Passing
2014	0%	1%	24%	64%	11%	74%
2015	4%	5%	35%	33%	21%	89%

Irvington High School Algebra/Trigonometry

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	8%	6%	50%	36%	86%
2012	3%	6%	42%	48%	90%
2013	0%	7%	39%	54%	93%
2014	0%	8%	37%	55%	92%*
2015	5%	6%	42%	47%	89%

* College readiness (Math: Scored 80 or above)

65.69%

Irvington High School Geometry Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	0%	0%	50%	50%	100%
2012	0%	2%	42%	56%	98%
2013	0%	0%	47%	53%	100%
2014	0%	0%	30%	70%	100%*
2015	1%	3%	50%	46%	96%
CCLS	55-64	65-79	80-84	85-100	Total Passing
2015	4%	42%	21%	34%	96%

* College readiness (Math: Scored 80 or above)

89%

English Language Arts



Grades 3-8 English Language Arts Levels 3 & 4

Year	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
2011	82%	90%	79%	83%	81%	79%
2012	86%	85%	88%	77%	79%	79%
2013	55%	74%	62%	74%	50%	56%
2014	63%	64%	65%	60%	64%	59%
2015	52%	67%	63%	66%	59%	75%

As of July, 2010, NYSED updated its definitions for achievement levels. %Lev1 is defined as "Below Standard". %Lev2 is defined as "Meets Basic Standard". %Lev3 is defined as "Meets Proficiency Standard". %Lev4 is defined as "Exceeds Proficiency Standard". See the NYSED web site for more information.
2013 represents new cut scores and scale scoring

Cohort for Comparison



- ❧ Ardsley
- ❧ Blind Brook
- ❧ Briarcliff Manor
- ❧ Bronxville
- ❧ Byram Hills
- ❧ Chappaqua
- ❧ Dobbs Ferry

- ❧ Edgemont
- ❧ Hastings-on-Hudson
- ❧ Irvington
- ❧ Pleasantville
- ❧ Rye Neck
- ❧ Scarsdale

2015 3rd Grade English Language Arts

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Briarcliff Manor UFSD	111	325	9	20.7	63.1	7.2	70.3
2	Bronxville UFSD	116	328	7.8	25.9	51.7	14.7	66.4
3	Edgemont UFSD	132	321	12.9	25.8	52.3	9.1	61.4
4	Chappaqua CSD	275	322	11.3	28.7	49.1	10.9	60
6	Hastings-On-Hudson UFSD	98	320	12.2	28.6	49	10.2	59.2
8	Byram Hills CSD	162	318	9.9	32.1	54.9	3.1	58
8	Scarsdale UFSD	348	321	9.5	32.5	50	8	58
10	Pleasantville UFSD	120	321	17.5	25	45	12.5	57.5
11	Blind Brook-Rye UFSD	86	323	9.3	34.9	47.7	8.1	55.8
14	Rye Neck UFSD	93	314	18.3	28	49.5	4.3	53.8
15	Dobbs Ferry UFSD	86	315	22.1	24.4	41.9	11.6	53.5
19	Irvington UFSD	123	310	19.5	28.5	47.2	4.9	52
24	Ardsley UFSD	140	309	22.1	34.3	35	8.6	43.6

2015 4th Grade English Language Arts

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Edgemont UFSD	128	331	3.1	19.5	46.9	30.5	77.3
4	Chappaqua CSD	275	330	5.1	24	38.2	32.7	70.9
5	Briarcliff Manor UFSD	114	324	6.1	23.7	50	20.2	70.2
6	Scarsdale UFSD	353	328	4.5	25.5	41.4	28.6	70
7	Bronxville UFSD	141	328	5.7	26.2	36.2	31.9	68.1
7	Hastings-On-Hudson UFSD	94	328	6.4	25.5	38.3	29.8	68.1
9	Irvington UFSD	116	327	4.3	28.4	39.7	27.6	67.2
10	Byram Hills CSD	147	324	8.2	27.2	36.7	27.9	64.6
14	Pleasantville UFSD	110	321	15.5	22.7	32.7	29.1	61.8
16	Dobbs Ferry UFSD	94	322	11.7	29.8	31.9	26.6	58.5
18	Rye Neck UFSD	96	321	11.5	34.4	22.9	31.3	54.2
20	Blind Brook-Rye UFSD	99	316	10.1	38.4	34.3	17.2	51.5
23	Ardsley UFSD	144	316	9.7	42.4	31.3	16.7	47.9

2015 5th Grade English Language Arts

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Edgemont UFSD	158	326	6.3	22.8	49.4	21.5	70.9
2	Briarcliff Manor UFSD	102	326	4.9	30.4	41.2	23.5	64.7
3	Irvington UFSD	133	324	9.8	27.1	41.4	21.8	63.2
5	Bronxville UFSD	136	324	2.2	37.5	39.7	20.6	60.3
5	Chappaqua CSD	287	323	9.1	30.7	37.3	23	60.3
8	Byram Hills CSD	192	322	8.3	32.3	37	22.4	59.4
11	Pleasantville UFSD	101	317	13.9	29.7	37.6	18.8	56.4
12	Hastings-On-Hudson UFSD	100	316	10	34	46	10	56
13	Rye Neck UFSD	118	321	14.4	29.7	30.5	25.4	55.9
14	Scarsdale UFSD	377	321	8	37.1	35.8	19.1	54.9
15	Blind Brook-Rye UFSD	75	316	9.3	38.7	41.3	10.7	52
20	Dobbs Ferry UFSD	108	318	15.7	36.1	24.1	24.1	48.1
24	Ardsley UFSD	159	314	13.2	41.5	30.2	15.1	45.3

2015 6th Grade English Language Arts Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Byram Hills CSD	193	332	7.8	16.6	24.9	50.8	75.6
2	Hastings-On-Hudson UFSD	102	324	6.9	23.5	33.3	36.3	69.6
3	Bronxville UFSD	144	330	4.9	27.1	23.6	44.4	68.1
4	Irvington UFSD	119	327	4.2	29.4	26.1	40.3	66.4
6	Briarcliff Manor UFSD	111	325	4.5	30.6	33.3	31.5	64.9
7	Edgemont UFSD	162	324	6.8	29	28.4	35.8	64.2
9	Scarsdale UFSD	363	324	5.2	32.2	30.3	32.2	62.5
10	Rye Neck UFSD	77	322	5.2	32.5	28.6	33.8	62.3
12	Ardsley UFSD	156	319	5.8	35.9	34	24.4	58.3
13	Chappaqua CSD	296	323	5.4	36.8	25.3	32.4	57.8
16	Dobbs Ferry UFSD	74	324	8.1	39.2	12.2	40.5	52.7
20	Blind Brook-Rye UFSD	85	317	10.6	40	25.9	23.5	49.4
23	Pleasantville UFSD	128	314	10.9	44.5	28.1	16.4	44.5

2015 7th Grade English Language Arts

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Edgemont UFSD	132	323	6.1	24.2	53.8	15.9	69.7
2	Chappaqua CSD	335	324	6	26.3	51.9	15.8	67.8
3	Briarcliff Manor UFSD	116	320	9.5	23.3	57.8	9.5	67.2
5	Scarsdale UFSD	347	322	8.1	27.1	49.3	15.6	64.8
6	Hastings-On-Hudson UFSD	107	321	10.3	26.2	46.7	16.8	63.6
8	Bronxville UFSD	138	321	7.2	31.2	45.7	15.9	61.6
11	Irvington UFSD	127	316	17.3	23.6	44.9	14.2	59.1
13	Rye Neck UFSD	83	316	12	30.1	48.2	9.6	57.8
14	Dobbs Ferry UFSD	92	315	18.5	25	40.2	16.3	56.5
16	Byram Hills CSD	184	318	12	32.1	37.5	18.5	56
20	Blind Brook-Rye UFSD	101	308	15.8	38.6	38.6	6.9	45.5
21	Ardsley UFSD	139	309	14.4	40.3	34.5	10.8	45.3
22	Pleasantville UFSD	107	307	16.8	38.3	40.2	4.7	44.9

2015 8th Grade English Language Arts

Irvington UFSD Compared with 12 Westchester Districts

Rank	District	Tested	Mean	Level 1	Level 2	Level 3	Level 4	Level 3/4
1	Byram Hills CSD	207	334	4.8	12.1	41.5	41.5	83.1
2	Hastings-On-Hudson UFSD	109	331	4.6	14.7	45.9	34.9	80.7
3	Chappaqua CSD	275	327	5.1	17.8	48.4	28.7	77.1
4	Irvington UFSD	130	327	7.7	16.9	40.8	34.6	75.4
7	Scarsdale UFSD	328	324	5.5	22.3	50.6	21.6	72.3
9	Bronxville UFSD	139	327	5	23.7	41.7	29.5	71.2
13	Briarcliff Manor UFSD	105	322	5.7	30.5	41	22.9	63.8
14	Pleasantville UFSD	91	321	4.4	33	42.9	19.8	62.6
15	Rye Neck UFSD	72	319	5.6	31.9	45.8	16.7	62.5
16	Blind Brook-Rye UFSD	99	318	11.1	27.3	41.4	20.2	61.6
19	Dobbs Ferry UFSD	91	321	7.7	34.1	31.9	26.4	58.2
20	Edgemont UFSD	137	317	11.7	30.7	35.8	21.9	57.7
21	Ardsley UFSD	136	314	14	28.7	44.9	12.5	57.4

Irvington High School English Regents

Year	0-54%		55-64%	65-84%	85-100%	Total Passing
2011	1%		1%	28%	70%	98%
2012	0%		2%	31%	67%	99%
2013	2%		5%	42%	51%	93%
2014	1%		4%	28%	66%	94%*
2015	9%		6%	42%	48%	90%
CCLS	Below 55	55-64	65-78	79-84	85-100	Total Passing
2015	7%	5%	21%	8%	59%	88%

* College readiness (ELA: Scored 75 or above)

88%

ELA

Areas of Strength

- ☞ **Grade 3:** Determine the main idea of text, recount the key details and explain how they support the main idea. It may not be "notable" but we are consistently above region in this area when I opened the questions.
- ☞ **Grade 4:** Use context (e.g., definitions, examples, or restatements in text) as a clue to the meaning of a word or phrase.
- ☞ **Grade 5:** Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- ☞ **Grade 6:** Analyze how a particular sentence, paragraph, chapter, or section fits into the overall structure of a text and contributes to the development of the ideas.
- ☞ **Grade 7:** Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to the development of the ideas.
- ☞ **Grade 8:** Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.

ELA

Opportunities for Growth

- œ **Grade 3:** Demonstrate command of the conventions of standards English grammar and usage when writing or speaking.
- œ **Grade 4:** Demonstrate command of the conventions of standards English grammar and usage when writing or speaking
- œ **Grade 5:** Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.
- œ **Grade 6:** Determine an author-s point of view or purpose in a text and explain how it is conveyed in the text.
- œ **Grade 7:** Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- œ **Grade 8:** Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.

Science



4th Grade Science

Year	Levels 1 & 2	Level 3 & 4
2011	1%	99%
2012	2%	98%
2013	2%	98%
2014	2%	98%
2015	2%	98%

8th Grade Science

Year	1	2	3	4	3+4
2011	0%	11%	43%	46%	89%
2012	0%	4%	44%	52%	96%
2013	1%	9%	44%	45%	89%
2014	1%	16%	50%	33%	83%
2015	0%	11%	45%	44%	89%

Irvington High School & Irvington Middle School Physical Setting/Earth Science Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	3%	2%	47%	49%	96%
2012	6%	5%	22%	67%	89%
2013	0%	3%	35%	62%	97%
2014	3%	6%	35%	56%	91%
2015	4%	7%	32%	58%	90%

Irvington High School Living Environment Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	1%	2%	31%	66%	97%
2012	0%	1%	29%	70%	99%
2013	3%	2%	37%	58%	95%
2014	1%	1%	30%	67%	97%
2015	3%	7%	32%	58%	90%

Irvington High School Chemistry Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	2%	9%	69%	20%	89%
2012	1%	5%	58%	36%	94%
2013	0%	4%	61%	35%	96%
2014	0%	4%	53%	43%	96%
2015	1%	8%	50%	41%	91%

Social Studies



Irvington High School Global History Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	2%	6%	41%	51%	92%
2012	4%	5%	36%	55%	91%
2013	5%	4%	40%	51%	91%
2014	4%	2%	29%	65%	94%
2015	5%	5%	29%	60%	89%

Irvington High School US History Regents

Year	0-54%	55-64%	65-84%	85-100%	Total Passing
2011	3%	1%	30%	66%	96%
2012	1%	1%	34%	64%	98%
2013	1%	4%	21%	74%	95%
2014	5%	3%	33%	60%	93%
2015	2%	3%	24%	71%	95%

Different Ways to Look at Data



Cohort Example Current 9th Grade

Year/Grade	# tested	ELA 3 & 4's	# tested	Mathematics 3 & 4's
2009-2010 – 3rd	123	89%	123	80%
2010-2011 – 4th	130	90%	131	89%
2011-2012 – 5th	137	88%	138	94%
2012-2013 – 6th	140	74%	138	67%
2013-2014 – 7th	144	63%	143	71%
2014-2015 – 8th	130	75%	69	62%

Some History . . .



Irvington High School Regents Diplomas Awarded

Year	Students	Graduates	Regents Diplomas
2002	102	101	78%
2003	94	91	82%
2004	124	123	95%
2005	138	134	97%
2006	122	119	96%
2007	141	138	92%
2008	157	145	93%
2009	172	169	99%
2010	149	146	95%
2011	155	151	96%
2012	142	142	96%
2013	150	146	97%
2014	148	146	95%
2015	134	130	95%

Irvington High School

Number of AP Courses Offered

Year	# of Courses
2002	11
2003	15
2004	15
2005	18
2006	17
2007	19
2008	18
2009	17
2010	17
2011	17
2012	19
2013	19
2014	17
2015	18

AP Exam – Participation and Passing Rates

Year	Enrollment	# Taking	# Passing
2002	425	188	149
2003	480	231	160
2004	530	394	296
2005	550	416	291
2006	597	384	272
2007	600	410	266
2008	608	457	289
2009	611	536	329
2010	607	524	304
2011	612	500	336
2012	608	555	381
2013	594	590	368
2014	559	557	367
2015	530	526	405

Irvington High School Scholar Athletes

Recognized by Team

NYS Scholar Athlete = 90 or higher GPA



- ❧ 2002-03: 14 Teams Honored, 4 Teams with Top Student Averages in the Group
- ❧ 2003-04: 16 Teams Honored, 2 Teams with NYS Highest GPA, 4 League Champions
- ❧ 2004-05: 14 Teams Honored, 3 Teams with NYS Highest GPA, 2 League Champions
- ❧ 2005-06: 14 Teams Honored
- ❧ 2007-08: 20 recognized as NYS Scholar Athlete teams . Boys Bowling and Boys Soccer highest GPA in NYS for their sport
- ❧ 2008-09: 24 recognized as NYS Scholar Athlete teams . Boys and Girls Track teams highest GPA in NYS for their sport
- ❧ 2009-10: 22 recognized as NYS Scholar Athlete teams. Girls cross country, bowling and softball teams highest GPA in NYS for their sport
- ❧ 2010-11: 20 recognized as NYS Scholar Athlete teams. Three teams with highest average GPA in NYS for their sport
- ❧ 2011-12: 22 out of 27 Varsity Teams Recognized as NYS Scholar Athlete teams (90 or higher GPA). Two teams with highest average GPA in NYS for their sport
- ❧ 2012-2013: 22 out of 27 Varsity Teams Recognized as NYS Scholar Athlete teams (90 or higher GPA). Two teams with highest average GPA in NYS for their sport
- ❧ 2013-14: 21 out of 27 Varsity Teams Recognized as NYS Scholar Athlete teams (90 or higher GPA). Three teams with highest average GPA in NYS for their sport
- ❧ 2014-15: 16 varsity teams honored as NYS Scholar Athlete teams (above 90 avg) and 1 team was a NYS Scholar Athlete Champion as highest GPA's in the state

Closing Thoughts



- ❧ We use this data along with formative and summative classroom data to inform our thinking and planning for instruction.
- ❧ We will continue to analyze and use this data to guide our knowledge and understanding of how we meet expectations in comparison to our neighboring districts.
- ❧ We will continue to look longitudinally at our students and curriculum to guide ensure that we are addressing and meeting the needs of students.

Q & A

