



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY,
NY 12234

TO: P–12 Education Committee
College and Career Readiness Working Group

FROM: John B. King, Jr.

SUBJECT: Regents and Grades 3-8 Testing Program Scaling
Methodology

DATE: March 28, 2011

AUTHORIZATION(S):

SUMMARY

Issue for Discussion

With the acceptance and implementation of the Common Core Learning Standards, the Department will have to rescale its impacted testing programs and revise its current Performance Levels to align with college and career readiness to continue the work that was started in July 2010 with the resetting of cut scores for the Grades 3-8 Testing Program. During the rescaling process: 1) should the Grades 3-8 Testing Program and the Regents Exams use the same scale range; and 2) should the Grades 3-8 Testing Program and Regents Exams change the scale points from 470-800 and 0-100, respectively, to a different score range?

Reason(s) for Consideration

Review of Policy.

Proposed Handling

These questions will come before the P-12 Education Committee and the College and Career Readiness Working Group for discussion at the April 2011 meeting.

Background Information

The current Item Response Theory (IRT) scaling and equating methodology was first implemented in 1999 for both the Grades 4 and 8 ELA/Math Testing Program and the Regents Testing program. The Grades 4 and 8 scale was restructured in 2006 due to the addition of Grades 3, 5, 6, and 7; the cut scores were revised in the summer of 2010 to ensure that the assessments have appropriate rigor for tracking student performance for college and career readiness. Two different scales are currently used for State Testing Programs: 470–800 with four performance levels for the Grades 3–8

Testing Program; and 0–100 with four performance levels for the Regents Exams. The current Regents scale is widely misunderstood to be a percentage-based scale, but it is not. Using different scales makes it difficult to track student achievement and growth from grades 3–11. As per current United States Department of Education (USDE) requirements, we need to maintain at least three performance levels: basic, proficient, and advanced. The Performance Level System must include clear descriptions of what each level represents for diploma eligibility, career and college readiness skills, as well as its place in the State’s Accountability System.

Impact on Diploma Categories and Accountability System Design

Currently, the awarding of either a Local or Regents diploma indicates that a student has received an adequate education and is no longer entitled to free public education or, for a student with a disability, a free appropriate public education (FAPE). Any change to graduation requirements will require a review of both the types of diplomas that the Board will issue and the safety net for students with disabilities and English language learners. For federal purposes, the Board will need to determine what constitutes “the standard diploma,” which cannot be solely for students with disabilities and the performance levels associated with it. Will there be a diploma aligned to performance levels that are set at less than a college and career ready level that is available for **all** students to earn? If yes, will the Board consider proficiency to be attainment of that level or attainment of the college and career readiness level? The public, including colleges and employers, will need to decide whether a diploma awarded on any basis below college and career ready will be viewed as adequate for higher education admission, armed services eligibility, and/or employment.

Rescaling the Regents Exams will require amending the Department’s Accountability Workbook in early 2013 for approval to use the new scales for 2012–2013 accountability purposes. Information and Reporting Services will need to revise the State report cards and will need sufficient lead time to provide the vendor with business rules for computing Adequate Yearly Progress (AYP). The Regents will need to decide whether to continue to make AYP determinations at the high school level based upon a performance index or percent proficient and, if an index, how such an index will be computed. Regulations will need to be amended to specify what Performance Level students attending high school at the time of rescaling need to obtain in order to graduate from high school. Office of Counsel will need to be consulted regarding the implications of any possible retroactive change in graduation standards for current high school students.

Regents Reform Agenda

The Regents Reform Agenda is centered on ensuring that all students graduate ready for postsecondary education and/or career opportunities. The Department is committed to building sequenced, content-rich statewide curriculum and revising its testing programs to ensure that all students demonstrate higher-order thinking skills on rigorous, performance-based exams. The Department proposes implementing a unified scaling methodology for its testing programs to: track student progress towards meeting graduation requirements and college and career readiness; eliminate confusion due to the use of two different scales; support the Board’s student achievement policies; and validate the types of Diplomas that the Board issues to students.

Appendix AProspective Timetable for Implementation

Time	Activity
Spring – Summer 2011	Research Scale Options and development of Performance Levels Descriptions
Fall 2011	Board Review and Approval of Scale and Performance Level Descriptions
Fall – Winter 2011-2012	Plan Transition with Office of Accountability and Information and Reporting Services
Summer 2012	Submit Revised Accountability Workbook
Late Spring 2013	Implement New Scale and Performance Levels for all Impacted Exams

Appendix B

Regents Examination in Comprehensive English (2009-2010)

	N = 250,566			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	22.7	21.9	23.7	31.8
NYC	33.8	26.2	21.9	18.1
Big 4	39.0	27.7	20.0	13.3
High Need Urban/Sub	28.5	26.1	23.9	21.5
Rural	17.5	23.6	27.4	31.5
Average Need	11.0	18.1	27.1	43.8
Low Need	4.6	11.0	22.2	62.2
Charter	32.3	32.7	22.8	12.2
Asian or Pacific Islander	19.9	17.5	22.4	40.2
Black or African American	36.1	29.1	21.4	13.4
Hispanic	35.9	27.5	22.1	14.5
American Indian	27.3	27.7	24.9	20.2
Multiracial	20.0	21.4	24.4	34.1
White	10.3	16.6	25.8	47.4
English Language Learners	62.3	25.3	9.9	2.5
Students with Disabilities	53.0	27.9	13.9	5.2

Regents Examination in Integrated Algebra (2009-2010)

	N = 305,081			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	34.0	24.2	28.5	13.3
NYC	47.1	27.6	19.4	5.9
Big 4	62.9	24.5	11.0	1.7
High Need Urban/Sub	41.5	29.9	23.7	5.0
Rural	22.9	26.6	39.4	11.1
Average Need	17.8	21.7	40.9	19.7
Low Need	7.2	12.4	41.4	39.0
Charter	31.6	30.4	33.8	4.2
Asian or Pacific Islander	17.8	17.2	34.4	30.6
Black or African American	53.3	28.8	15.8	2.1
Hispanic	48.8	29.0	19.1	3.1
American Indian	42.7	26.0	25.5	5.8
Multiracial	32.3	24.4	29.9	13.4
White	16.5	19.9	40.6	23.1
English Language Learners	62.3	25.3	9.9	2.5
Students with Disabilities	53.0	27.9	13.9	5.2

Regents Examination in Global History and Geography (2009-2010)

	N = 271,632			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	36.9	22.5	14.2	26.4
NYC	50.5	24.3	11.0	14.2
Big 4	61.8	22.4	8.3	7.6
High Need Urban/Sub	44.6	25.6	13.9	15.9
Rural	32.7	24.8	16.0	26.5
Average Need	22.9	21.8	17.9	37.5
Low Need	10.5	15.6	18.4	55.6
Charter	49.1	28.1	11.9	10.8
Asian or Pacific Islander	23.0	18.2	15.4	43.5
Black or African American	56.0	25.0	10.0	8.9
Hispanic	52.2	25.5	11.2	11.1
American Indian	45.5	25.2	13.9	15.4
Multiracial	32.5	21.3	17.4	28.8
White	20.8	20.8	22.8	35.6
English Language Learners	66.6	20.7	6.6	6.2
Students with Disabilities	63.5	21.7	8.3	6.5

Regents Examination in US History and Government (2009-2010)

	N = 230,728			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	21.7	19.7	17.0	41.7
NYC	35.5	24.9	15.9	23.7
Big 4	37.9	27.6	16.4	18.1
High Need Urban/Sub	23.4	25.5	19.8	31.3
Rural	15.1	20.4	19.4	45.1
Average Need	9.6	15.0	18.6	56.8
Low Need	4.2	8.9	14.5	72.4
Charter	32.4	29.6	20.8	17.3
Asian or Pacific Islander	13.2	15.1	16.6	55.1
Black or African American	37.7	27.1	16.5	18.6
Hispanic	36.2	26.7	16.6	20.5
American Indian	26.6	23.9	19.0	30.5
Multiracial	19.5	21.3	19.7	39.4
White	9.5	13.9	17.5	59.2
English Language Learners	50.7	27.2	12.3	9.9
Students with Disabilities	45.3	24.5	15.1	15.0

Regents Examination in Living Environment (2009-2010)

	N = 250,838			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	25.9	21.8	23.4	28.9
NYC	41.9	27.4	17.8	12.9
Big 4	50.7	27.4	15.2	6.8
High Need Urban/Sub	31.1	27.0	24.3	17.6
Rural	12.8	21.9	32.1	33.3
Average Need	10.1	16.7	30.1	43.2
Low Need	3.9	9.8	25.6	60.7
Charter	31.5	29.7	26.7	12.2
Asian or Pacific Islander	19.4	17.4	22.5	40.7
Black or African American	44.9	29.5	17.3	8.4
Hispanic	42.2	28.4	19.1	10.3
American Indian	30.8	26.5	23.4	19.3
Multiracial	22.4	21.7	27.4	28.4
White	9.8	15.5	28.7	46.0
English Language Learners	62.0	22.4	10.6	5.0
Students with Disabilities	50.9	26.1	16.4	6.6

Regents Examination in Earth Science (2009-2010)

	N = 169,007			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	27.6	21.8	20.6	30.1
NYC	48.1	26.0	15.3	10.6
Big 4	58.7	22.7	11.5	7.0
High Need Urban/Sub	37.4	26.9	19.4	16.3
Rural	22.4	23.4	24.2	30.0
Average Need	17.7	20.7	23.9	37.7
Low Need	8.3	15.0	22.6	54.1
Charter	49.4	24.6	19.1	6.9
Asian or Pacific Islander	21.3	18.8	20.7	39.3
Black or African American	52.6	26.4	13.4	7.5
Hispanic	45.0	27.0	16.9	11.1
American Indian	38.2	26.8	17.6	17.4
Multiracial	32.0	23.3	19.8	24.9
White	15.7	19.2	23.8	41.4
English Language Learners	63.9	21.9	8.8	5.4
Students with Disabilities	51.7	24.4	15.1	8.8

Regents Examination in Chemistry (2009-2010)

	N = 109,923			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	27.7	33.1	24.0	15.2
NYC	44.6	31.5	15.5	8.5
Big 4	63.0	25.1	9.7	2.2
High Need Urban/Sub	40.7	34.1	17.3	7.9
Rural	29.7	36.6	22.3	11.5
Average Need	21.0	36.2	27.4	15.4
Low Need	11.4	29.8	32.1	26.6
Charter	58.7	30.4	9.2	1.7
Asian or Pacific Islander	22.3	29.0	26.1	22.6
Black or African American	53.6	31.7	11.5	3.2
Hispanic	51.2	32.1	12.1	4.6
American Indian	42.4	32.1	16.9	8.6
Multiracial	31.1	31.8	21.7	15.4
White	19.4	34.3	28.2	18.1
English Language Learners	60.2	25.8	9.7	4.2
Students with Disabilities	44.7	32.7	16.5	6.2

Regents Examination in Physics (2009-2010)

	N = 48,935			
	0-64	65-74	75-84	85-100
	%	%	%	%
All Students	18.4	21.9	26.6	33.2
NYC	26.9	22.5	22.9	27.7
Big 4	46.9	24.9	18.7	9.5
High Need Urban/Sub	29.6	29.5	21.9	19.0
Rural	18.0	24.2	29.6	28.3
Average Need	15.3	22.3	28.8	33.5
Low Need	10.5	18.5	27.7	43.4
Charter	28.8	44.2	21.2	5.8
Asian or Pacific Islander	13.3	19.4	25.7	41.6
Black or African American	40.3	26.7	20.2	12.7
Hispanic	36.5	26.0	22.2	15.2
American Indian	26.9	29.4	19.3	24.4
Multiracial	19.2	15.4	44.9	20.5
White	14.4	21.3	28.2	36.2
English Language Learners	29.3	21.8	24.8	24.0
Students with Disabilities	33.9	23.2	21.8	21.2

2010 Grade 3 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	196425	13.77	31.47	38.11	16.66	54.77
Asian or Pacific Islander	15042	7.91	27.18	42.35	22.55	64.90
Black or African American	37101	22.44	38.28	30.25	9.03	39.28
Hispanic	43685	20.46	38.20	31.84	9.50	41.34
American Indian	954	17.71	34.70	36.90	10.69	47.59
Multiracial	1107	10.57	29.63	40.56	19.24	59.80
White	98415	8.43	26.56	43.17	21.84	65.01
NYC	69546	18.03	35.35	33.65	12.97	46.62
Big 4	8364	30.31	38.79	24.02	6.89	30.91
High Need Urban/Suburban	15386	17.35	34.89	34.88	12.89	47.76
High Need Rural	11574	12.92	33.50	38.68	14.90	53.59
Average Need	58701	9.31	28.78	42.49	19.42	61.91
Low Need	28200	5.53	21.85	46.12	26.50	72.62
Charter	4119	10.44	37.82	38.89	12.84	51.74
Students with Disabilities	28021	46.32	34.47	15.67	3.54	19.22
English Language Learners	18431	33.60	41.99	20.63	3.78	24.41

2010 Grade 4 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	199254	8.34	34.82	50.87	5.97	56.84
Asian or Pacific Islander	16193	4.28	23.36	59.53	12.83	72.36
Black or African American	37643	14.83	48.35	34.99	1.83	36.82
Hispanic	42663	13.18	46.97	37.63	2.22	39.86
American Indian	927	10.25	44.88	40.67	4.21	44.88
Multiracial	986	5.17	32.35	56.59	5.88	62.47
White	100731	4.54	26.41	61.04	8.01	69.05
NYC	70268	11.72	42.57	41.31	4.40	45.71
Big 4	8123	19.54	47.88	30.59	1.99	32.59
High Need Urban/Suburban	15209	10.88	41.73	44.04	3.35	47.39
High Need Rural	11556	8.47	37.46	49.60	4.47	54.07
Average Need	60363	4.87	28.91	59.35	6.87	66.22
Low Need	29726	2.28	18.70	67.53	11.49	79.02
Charter	3449	7.13	48.48	42.80	1.59	44.39
Students with Disabilities	29574	32.31	49.19	18.02	0.48	18.50
English Language Learners	16293	25.20	54.59	19.95	0.26	20.21

2010 Grade 5 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	197200	11.54	35.90	39.71	12.85	52.56
Asian or Pacific Islander	15083	6.09	23.57	44.99	25.35	70.34
Black or African American	37742	19.32	44.66	30.11	5.92	36.03
Hispanic	41922	17.46	43.55	32.29	6.69	38.98
American Indian	912	14.58	46.05	32.13	7.24	39.36
Multiracial	858	9.09	32.98	43.82	14.10	57.93
White	100590	6.97	31.21	45.64	16.18	61.82
NYC	67560	14.94	38.79	34.96	11.30	46.27
Big 4	7871	27.19	44.76	23.95	4.10	28.05
High Need Urban/Suburban	14736	15.19	42.70	34.74	7.36	42.11
High Need Rural	11629	13.04	41.80	37.50	7.66	45.16
Average Need	60463	7.85	34.17	44.31	13.67	57.98
Low Need	29773	3.50	23.59	49.96	22.95	72.91
Charter	4583	13.31	45.08	34.93	6.68	41.61
Students with Disabilities	30200	39.87	43.92	14.64	1.57	16.21
English Language Learners	13099	37.27	47.33	14.32	1.08	15.40

2010 Grade 6 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	197845	11.30	34.44	47.40	6.85	54.26
Asian or Pacific Islander	14907	6.98	24.40	55.65	12.97	68.63
Black or African American	37941	18.80	47.00	32.07	2.13	34.20
Hispanic	41402	19.31	45.26	33.38	2.05	35.43
American Indian	957	13.90	41.90	40.86	3.34	44.20
Multiracial	753	9.43	31.74	50.33	8.50	58.83
White	101786	5.88	26.78	57.65	9.68	67.33
NYC	67488	17.12	42.67	36.64	3.57	40.21
Big 4	7510	22.02	43.91	32.05	2.01	34.06
High Need Urban/Suburban	14451	14.50	41.93	40.28	3.29	43.57
High Need Rural	11632	9.91	35.63	49.20	5.26	54.46
Average Need	61843	6.62	29.07	55.68	8.63	64.31
Low Need	30411	3.16	19.07	62.96	14.80	77.77
Charter	3832	11.66	47.99	38.49	1.85	40.34
Students with Disabilities	30502	41.36	45.26	13.05	0.33	13.37
English Language Learners	10822	51.25	42.40	6.23	0.12	6.35

2010 Grade 7 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	199943	10.35	39.53	38.94	11.18	50.12
Asian or Pacific Islander	15212	7.08	27.83	45.44	19.65	65.09
Black or African American	38306	17.21	52.59	26.53	3.67	30.20
Hispanic	41121	17.55	50.64	27.77	4.04	31.81
American Indian	960	16.25	49.17	30.21	4.38	34.58
Multiracial	715	6.29	38.04	45.04	10.63	55.66
White	103554	5.41	31.94	47.04	15.62	62.66
NYC	68297	15.30	46.39	31.01	7.30	38.31
Big 4	7630	23.68	51.38	21.86	3.08	24.94
High Need Urban/Suburban	14401	14.78	48.22	31.25	5.74	37.00
High Need Rural	11857	9.62	44.13	37.94	8.30	46.24
Average Need	61591	5.75	35.28	45.68	13.29	58.97
Low Need	32302	2.73	23.42	52.11	21.74	73.85
Charter	2949	8.07	55.17	32.93	3.83	36.76
Students with Disabilities	30215	37.49	50.75	11.04	0.71	11.76
English Language Learners	10374	50.54	44.66	4.62	0.18	4.80

2010 Grade 8 ELA Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	204080	8.95	39.98	43.37	7.70	51.06
Asian or Pacific Islander	15555	7.78	26.48	51.23	14.51	65.74
Black or African American	38590	15.17	54.16	28.40	2.26	30.67
Hispanic	41976	15.57	51.15	30.61	2.67	33.28
American Indian	921	12.60	49.29	35.07	3.04	38.11
Multiracial	590	6.27	38.81	45.76	9.15	54.92
White	106354	4.25	32.34	52.74	10.68	63.42
NYC	70795	14.00	48.39	33.23	4.39	37.62
Big 4	7513	22.20	52.07	23.79	1.94	25.73
High Need Urban/Suburban	14341	11.43	48.19	36.48	3.90	40.38
High Need Rural	11989	7.46	43.58	43.42	5.54	48.96
Average Need	62845	4.40	34.92	51.42	9.26	60.68
Low Need	32993	1.92	22.85	59.02	16.22	75.23
Charter	2389	6.49	53.16	37.84	2.51	40.35
Students with Disabilities	30580	33.15	55.61	10.89	0.34	11.23
English Language Learners	10198	51.40	45.07	3.47	0.06	3.53

2010 Grade 3 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	198549	9.30	31.50	35.16	24.05	59.20
Asian or Pacific Islander	15837	4.09	17.00	36.19	42.72	78.90
Black or African American	37343	16.93	41.27	28.54	13.26	41.80
Hispanic	44650	13.40	38.38	32.10	16.12	48.22
American Indian	959	12.30	40.35	31.49	15.85	47.34
Multiracial	1114	9.61	29.53	36.27	24.60	60.86
White	98523	5.36	26.95	38.91	28.78	67.69
NYC	71212	11.86	33.76	32.26	22.13	54.38
Big 4	8491	24.85	42.40	23.48	9.27	32.75
High Need Urban/Suburban	15548	12.21	38.02	32.37	17.40	49.77
High Need Rural	11570	9.41	37.76	34.56	18.26	52.83
Average Need	58797	6.07	29.78	38.68	25.47	64.15
Low Need	28278	2.91	19.75	40.44	36.90	77.34
Charter	4117	4.69	33.71	38.35	23.25	61.60
Students with Disabilities	28296	30.17	42.10	20.78	6.94	27.72
English Language Learners	20494	21.41	42.43	26.09	10.07	36.16

2010 Grade 4 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	201418	5.26	30.84	38.14	25.75	63.90
Asian or Pacific Islander	17023	2.39	14.25	33.35	50.01	83.36
Black or African American	37879	9.75	44.82	33.11	12.32	45.43
Hispanic	43650	7.97	41.12	35.78	15.14	50.92
American Indian	927	6.36	39.81	38.40	15.43	53.83
Multiracial	1002	4.19	31.14	38.82	25.85	64.67
White	100823	2.90	23.85	41.86	31.38	73.25
NYC	71973	6.82	34.63	34.24	24.30	58.55
Big 4	8276	14.98	48.51	27.72	8.78	36.50
High Need Urban/Suburban	15385	6.92	40.64	37.35	15.09	52.44
High Need Rural	11569	5.41	38.25	39.87	16.48	56.34
Average Need	60389	3.20	27.39	42.65	26.76	69.41
Low Need	29816	1.45	15.40	40.83	42.33	83.16
Charter	3455	2.78	33.46	45.24	18.52	63.76
Students with Disabilities	29723	20.26	50.50	23.35	5.89	29.24
English Language Learners	18455	14.72	49.42	27.72	8.14	35.85

2010 Grade 5 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	199254	5.99	29.25	40.85	23.91	64.76
Asian or Pacific Islander	15798	2.62	13.39	37.08	46.90	83.99
Black or African American	37962	11.08	43.22	34.66	11.04	45.70
Hispanic	42946	8.93	38.01	37.82	15.24	53.06
American Indian	919	7.40	37.65	41.68	13.28	54.95
Multiracial	870	5.40	30.46	39.66	24.48	64.14
White	100661	3.34	22.64	45.07	28.94	74.01
NYC	69240	7.46	32.67	36.61	23.26	59.87
Big 4	7999	19.53	47.22	26.40	6.85	33.25
High Need Urban/Suburban	14913	8.05	38.38	39.51	14.05	53.56
High Need Rural	11620	6.14	36.83	42.38	14.65	57.02
Average Need	60495	3.74	25.85	45.50	24.91	70.41
Low Need	29825	1.64	14.77	45.33	38.26	83.59
Charter	4585	4.25	36.01	44.45	15.29	59.74
Students with Disabilities	30360	22.42	48.45	24.07	5.05	29.12
English Language Learners	15153	18.38	47.69	26.68	7.25	33.93

2010 Grade 6 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	200415	7.96	30.58	34.27	27.19	61.46
Asian or Pacific Islander	15732	3.12	14.75	29.55	52.57	82.13
Black or African American	38306	15.03	43.55	28.99	12.44	41.42
Hispanic	42544	12.48	40.91	31.08	15.54	46.62
American Indian	968	10.43	36.16	34.61	18.80	53.41
Multiracial	775	8.39	29.81	37.29	24.52	61.81
White	101987	4.14	23.81	38.29	33.76	72.05
NYC	69397	11.41	35.41	29.77	23.41	53.18
Big 4	7661	18.25	46.33	26.39	9.03	35.43
High Need Urban/Suburban	14676	10.81	40.34	33.41	15.43	48.84
High Need Rural	11628	6.51	36.38	38.15	18.96	57.11
Average Need	62056	4.71	27.01	38.87	29.42	68.28
Low Need	30473	2.38	15.69	36.35	45.58	81.93
Charter	3859	5.57	33.09	37.29	24.05	61.34
Students with Disabilities	30788	30.46	47.79	17.55	4.20	21.75
English Language Learners	13014	28.15	48.57	17.5	5.78	23.27

2010 Grade 7 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	202359	8.10	29.40	33.32	29.18	62.49
Asian or Pacific Islander	16147	3.57	14.36	27.22	54.85	82.07
Black or African American	38559	15.93	44.09	28.36	11.62	39.98
Hispanic	42126	13.32	39.87	31.33	15.48	46.81
American Indian	963	11.42	39.46	31.78	17.34	49.12
Multiracial	736	6.39	33.42	32.74	27.45	60.19
White	103750	3.77	21.92	36.93	37.38	74.31
NYC	70122	11.75	35.39	29.57	23.29	52.87
Big 4	7760	23.93	47.32	21.55	7.20	28.75
High Need Urban/Suburban	14573	11.63	40.64	31.69	16.04	47.73
High Need Rural	11870	6.54	35.17	37.90	20.39	58.29
Average Need	61776	3.94	23.88	38.07	34.10	72.18
Low Need	32384	2.12	14.80	34.80	48.28	83.08
Charter	2954	6.13	34.73	36.15	22.99	59.14
Students with Disabilities	30432	29.95	47.25	18.41	4.39	22.80
English Language Learners	12557	29.43	45.56	18.8	6.21	25.01

2010 Grade 8 Mathematics Performance Level Distribution

	N-count	Level I %	Level II %	Level III %	Level IV %	Levels III & IV %
All Students	206346	9.19	35.94	36.60	18.27	54.87
Asian or Pacific Islander	16459	3.38	16.81	35.52	44.29	79.81
Black or African American	38687	18.17	49.63	25.36	6.84	32.20
Hispanic	43053	14.76	46.72	29.27	9.25	38.52
American Indian	927	12.51	47.36	30.74	9.39	40.13
Multiracial	614	10.91	37.79	33.88	17.43	51.30
White	106511	4.55	29.46	43.87	22.12	65.99
NYC	72544	13.05	40.52	29.30	17.14	46.43
Big 4	7673	29.04	49.88	17.56	3.53	21.09
High Need Urban/Suburban	14516	11.39	49.47	31.07	8.07	39.14
High Need Rural	11979	7.34	44.11	38.31	10.24	48.55
Average Need	62954	4.81	32.41	43.72	19.06	62.78
Low Need	33081	2.22	20.26	46.32	31.21	77.52
Charter	2392	7.07	42.52	39.13	11.29	50.42
Students with Disabilities	30662	32.48	50.92	14.78	1.82	16.60
English Language Learners	12491	27.60	48.03	19.05	5.32	24.37