

North Middlesex Regional School District

State Assessment Results
December 2017

North Middlesex Regional School District



2017 MCAS District Data

Grade and Subject	Meeting or Exceeding Expectations		Exceeding Expectations		Meeting Expectations		Partially Meeting Expectations		Not Meeting Expectations		Included	Avg. Scaled Score	SGP	Included in SGP
	District	State	District	State	District	State	District	State	District	State				
GRADE 03 - READING	51	47	7	8	45	39	42	42	6	10	249	501.5	N/A	N/A
GRADE 03 - MATHEMATICS	55	49	4	7	52	42	38	38	7	13	251	502.7	N/A	N/A
GRADE 04 - ENGLISH LANGUAGE ARTS	47	48	4	7	43	41	47	42	6	10	285	500.0	51.0	264
GRADE 04 - MATHEMATICS	49	49	4	6	46	43	45	39	6	13	287	500.4	50.0	265
GRADE 05 - ENGLISH LANGUAGE ARTS	54	49	7	6	47	43	40	42	6	10	269	501.0	40.0	255
GRADE 05 - MATHEMATICS	39	46	4	7	35	39	54	44	7	10	269	496.6	33.5	254
GRADE 06 - ENGLISH LANGUAGE ARTS	59	51	9	7	50	43	35	39	5	10	234	504.3	62.0	216
GRADE 06 - MATHEMATICS	62	50	8	7	54	42	33	39	5	11	233	505.4	78.0	214
GRADE 07 - ENGLISH LANGUAGE ARTS	57	50	4	6	53	44	38	39	5	11	256	503.0	57.0	240
GRADE 07 - MATHEMATICS	54	47	8	9	45	38	38	42	8	12	256	503.2	57.5	234
GRADE 08 - ENGLISH LANGUAGE ARTS	59	49	10	8	49	41	35	39	6	11	268	504.0	59.0	256
GRADE 08 - MATHEMATICS	60	48	10	9	50	39	36	42	4	11	270	505.9	69.0	256
GRADES 03 - 08 - ENGLISH LANGUAGE ARTS	54	49	7	7	48	42	40	41	6	10	1,561	502.3	53.0	1,231
GRADES 03 - 08 - MATHEMATICS	53	48	6	8	47	40	41	41	6	12	1,566	502.3	58.0	1,223

North Middlesex Regional School District



Achievement level definitions

Next Generation tests



General Achievement Level Definitions – Next Generation Tests (starting 2017)

Achievement Level	Scaled Score	Definition
Exceeding Expectations	530-560	A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.
Meeting Expectations	500-529	A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.
Partially Meeting Expectations	470-499	A student who performed at this level partially met grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject.
Not Meeting Expectations	440-469	A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject.

General Achievement Level Definitions – Legacy Tests

Achievement Level	Scaled Score	Definition
Advanced	260-280	Students at this level demonstrate a comprehensive and in-depth understanding of rigorous subject matter, and provide sophisticated solutions to complex problems.
Proficient	240-258	Students at this level demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.
Needs Improvement	220-238	Students at this level demonstrate a partial understanding of subject matter and solve some simple problems.
Warning (Grades 3-8) Failing (High School)	200-218	Students at this level demonstrate a minimal understanding of subject matter and do not solve simple problems.

Legacy tests



North Middlesex Regional School District



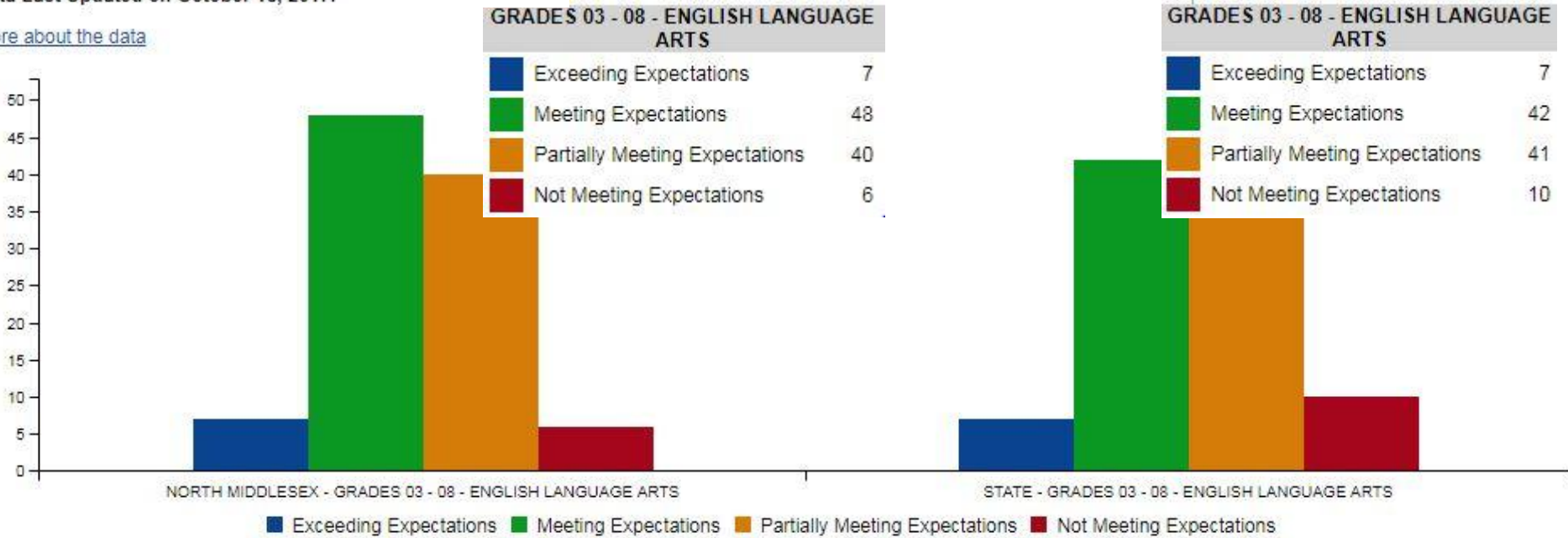
Grade 3-8 ELA

Next Generation MCAS Tests 2017

Percent of Students at Each Achievement Level for North Middlesex

Data Last Updated on October 18, 2017.

[More about the data](#)



North Middlesex Regional School District



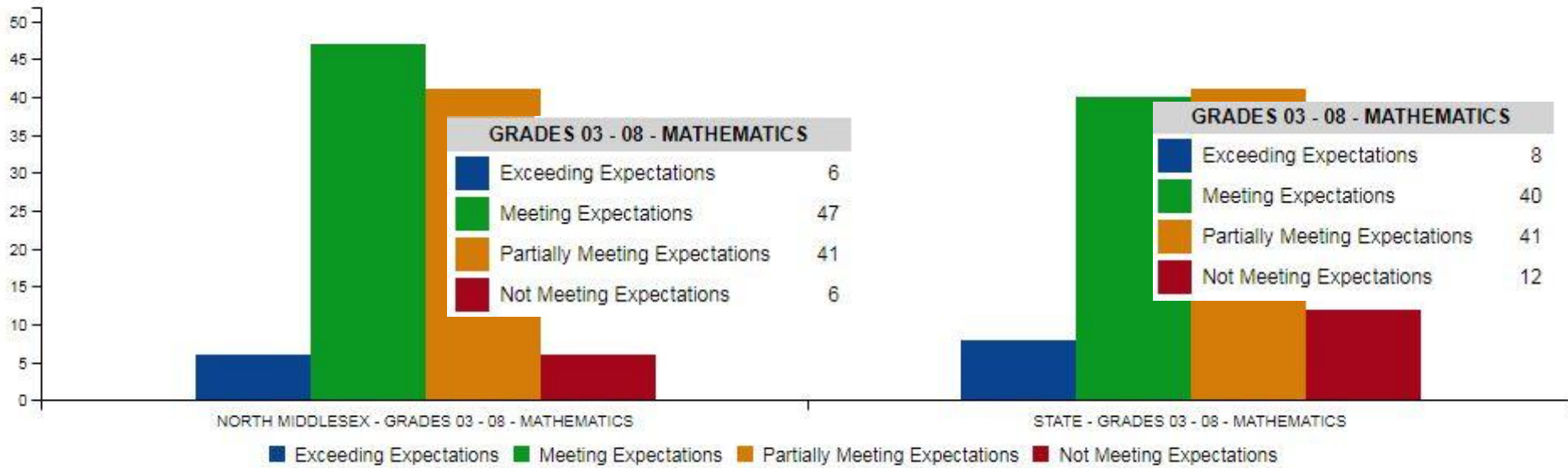
Grades 3-8 Mathematics

Next Generation MCAS Tests 2017

Percent of Students at Each Achievement Level for North Middlesex

Data Last Updated on October 18, 2017.

[More about the data](#)



North Middlesex Regional School District



Legacy tests (Science and HS)

MCAS Tests of Spring 2017

Percent of Students at Each Achievement Level for North Middlesex

Grade and Subject	Proficient or Higher		Advanced		Proficient		Needs Improvement		Warning/ Failing		Included	CPI	SGP	Included in SGP
	District	State	District	State	District	State	District	State	District	State				
GRADE 05 - SCIENCE AND TECH/ENG	57	46	20	17	37	29	36	39	7	15	270	80.9	N/A	N/A
GRADE 08 - SCIENCE AND TECH/ENG	37	40	1	3	35	37	52	40	12	20	271	72.7	N/A	N/A
GRADE 10 - ENGLISH LANGUAGE ARTS	95	91	58	47	37	44	4	6	1	3	185	98.2	56.5	162
GRADE 10 - MATHEMATICS	85	79	56	53	29	26	10	14	5	8	184	93.5	39.0	161
GRADE 10 - SCIENCE AND TECH/ENG	81	74	29	32	53	42	17	21	2	5	175	92.9	N/A	N/A

North Middlesex Regional School District



2017 Official Accountability Data - North Middlesex Regional

Organization Information			
District:	North Middlesex (07350000)	School type:	High School
School:	North Middlesex Regional (07350505)	Grades served:	09,10,11,12
Region:	Central	Title I status:	Non-Title I School (NT)
Accountability and Assistance Level:			Level 2







[Summary](#) > All Students


Progress and Performance Index (PPI) Subgroup Data		About the Data			
View Detailed 2017 Data for Each Indicator		Points Awarded			
		2014	2015	2016	2017
English Language Arts	Narrowing proficiency gaps (Composite Performance Index)	100	75	100	100
	Growth (Student Growth Percentiles)	50	75	75	75
	Extra credit for decreasing % Warning/Failing (10% or more)	25	0	25	0
	Extra credit for increasing % Advanced (10% or more)	0	25	0	25
Mathematics	Narrowing proficiency gaps (Composite Performance Index)	50	0	25	50
	Growth (Student Growth Percentiles)	75	50	25	75
	Extra credit for decreasing % Warning/Failing (10% or more)	25	0	0	25
	Extra credit for increasing % Advanced (10% or more)	0	0	0	25
Science	Narrowing proficiency gaps (Composite Performance Index)	25	50	50	50
	Extra credit for decreasing % Warning/Failing (10% or more)	25	25	0	25
	Extra credit for increasing % Advanced (10% or more)	25	0	0	0
High School	Annual dropout rate	25	25	0	25
	Cohort graduation rate	75	75	75	100
	Extra credit for dropout re-engagement (2 or more)	0	-	-	-
English language acquisition	Extra credit for high growth on ACCESS for ELLs assessment (Student Growth Percentile on ACCESS)	-	-	-	-
Points awarded for narrowing proficiency gaps, growth, and high school indicators		400	350	350	475
Points awarded for extra credit		100	50	25	100
Total points awarded		500	400	375	575
Number of proficiency gap narrowing, growth, and high school indicators		7	7	7	7
Annual PPI = (Total points / Number of indicators)		71	57	54	82
Cumulative PPI = (2014*1 + 2015*2 + 2016*3 + 2017*4) / 10		Did Not Meet Target			67
Assessment Participation		2014	2015	2016	2017
English Language Arts		98%	99%	97%	99%
Mathematics		99%	100%	97%	99%
Science		98%	100%	98%	100%



2016 Student Growth Percentiles (SGP) in ELA

*SGP range 40-60
Median = 50*

	Median SGP	N Students (SGP)	% Meeting or Exceeding Expectations	N Students (Ach. Level)
 Grade 4	51	264	47	285
 Grade 5	40	255	54	269
 Grade 6	62	216	59	234
 Grade 7	57	240	57	256
 Grade 8	59	256	59	268
 Grades 3-8	53	1,231	54	1,561







	Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
 Grade 10	56.5	162	95	185

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2016 Student Growth Percentiles (SGP) in Math

*SGP range 40-60
Median = 50*

		Median SGP	N Students (SGP)	% Meeting or Exceeding Expectations	N Students (Ach. Level)
	Grade 4	50	265	49	287
	Grade 5	33.5	254	39	269
	Grade 6	78	214	62	233
	Grade 7	57.5	234	54	256
	Grade 8	69	256	60	270
	Grades 3-8	58	1,223	53	1,566

		Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
	Grade 10	39	161	85	184

North Middlesex Regional School District



2017-2018
School Year



North Middlesex Regional School District



2017-2018 updates

1. 2017 MCAS data for grades 3-8 is a baseline year.
2. The district and schools can continue to analyze test questions and reflect upon the MA Curriculum Framework Standards to review curriculum and instructional practices in relation to baseline data.
3. The district will continue to triangulate data to draw stories from baseline information in relation to local information.

North Middlesex Regional School District



Stories behind the data

Four driving factors that have and will continue to have impacts moving forward:

1. Consistent, implemented curriculum maps
2. Collaboration between teachers and staff
3. Common assessments
4. Lesson observations and calibration around instruction

North Middlesex Regional School District



Resources

- [Letter to Members and Parents/Guardians of the Class of 2021](#) (current ninth graders)
- [Letter to Parents about the Next-Generation MCAS Results](#)
- [Parents' Guide to the MCAS](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Item Descriptions for Grades 3–8 ELA and Mathematics](#)
- [Parent/Guardian Report Templates and Translations](#)
- [Annotated Parent/Guardian Reports](#) (PowerPoint)
- [Understanding the Next-Generation MCAS](#) (PowerPoint)
- [What Are the Achievement Level Descriptors?](#) (PowerPoint)

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