



New York's Transition to Computer-Based Testing

September 13, 2016



New York State
EDUCATION DEPARTMENT

Knowledge > Skill > Opportunity

P12 Computer-Based Testing



New York State Alternate Assessment (NYSAA)

- 2016: First year of computer-based testing for NYSAA. ~22K students tested.
- ELA & Math assessments of NYSAA are computer-based for all students.
- Science and Social Studies are still portfolio based.
- Test Window for 2017: March 20th – June 2nd for ELA and Math.

Grades 3-8 ELA & Math Assessments

- 2016: ELA & Math field tests administered on computer to approx. 60k students.
- 2016-17: Participation in computer-based operational **and** field testing is optional.
- ELA CBT Test Window: March 27-March 31, 2017. Math CBT: May 1 – May 5, 2017.
- CBT Field Test: Dated TBD

Five Year Transition Timeline



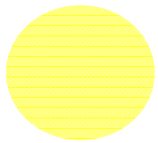
School Year	Computer-Based Testing
2015 – 2016	All NYSAA ELA & Math Tests administered on computer Grades 3-8 ELA & Math Field Tests available on computer + Participation in CBT is voluntary
2016 – 2017	All NYSAA ELA & Math Tests administered on computer Grades 3-8 ELA & Math operational tests available on computer + Participation in CBT is voluntary Grades 3-8 ELA & Math Field Tests available on computer + Participation in CBT is voluntary
2017 – 2018	All NYSAA ELA & Math Tests administered on computer Grades 3-8 ELA & Math operational tests available on computer + Participation in CBT is voluntary Grades 3-8 ELA & Math Field Tests available on computer + Participation in CBT is voluntary
2018 – 2019	All NYSAA ELA & Math Tests administered on computer Grades 3-8 ELA & Math operational tests available on computer + Participation in CBT is voluntary
2019 – 2020	All NYSAA ELA & Math Tests fully on computer All Grades 3-8 ELA & Math Tests administered on computer (as appropriate)

GRADES 3-8 ELA & MATH COMPUTER-BASED FIELD TESTS

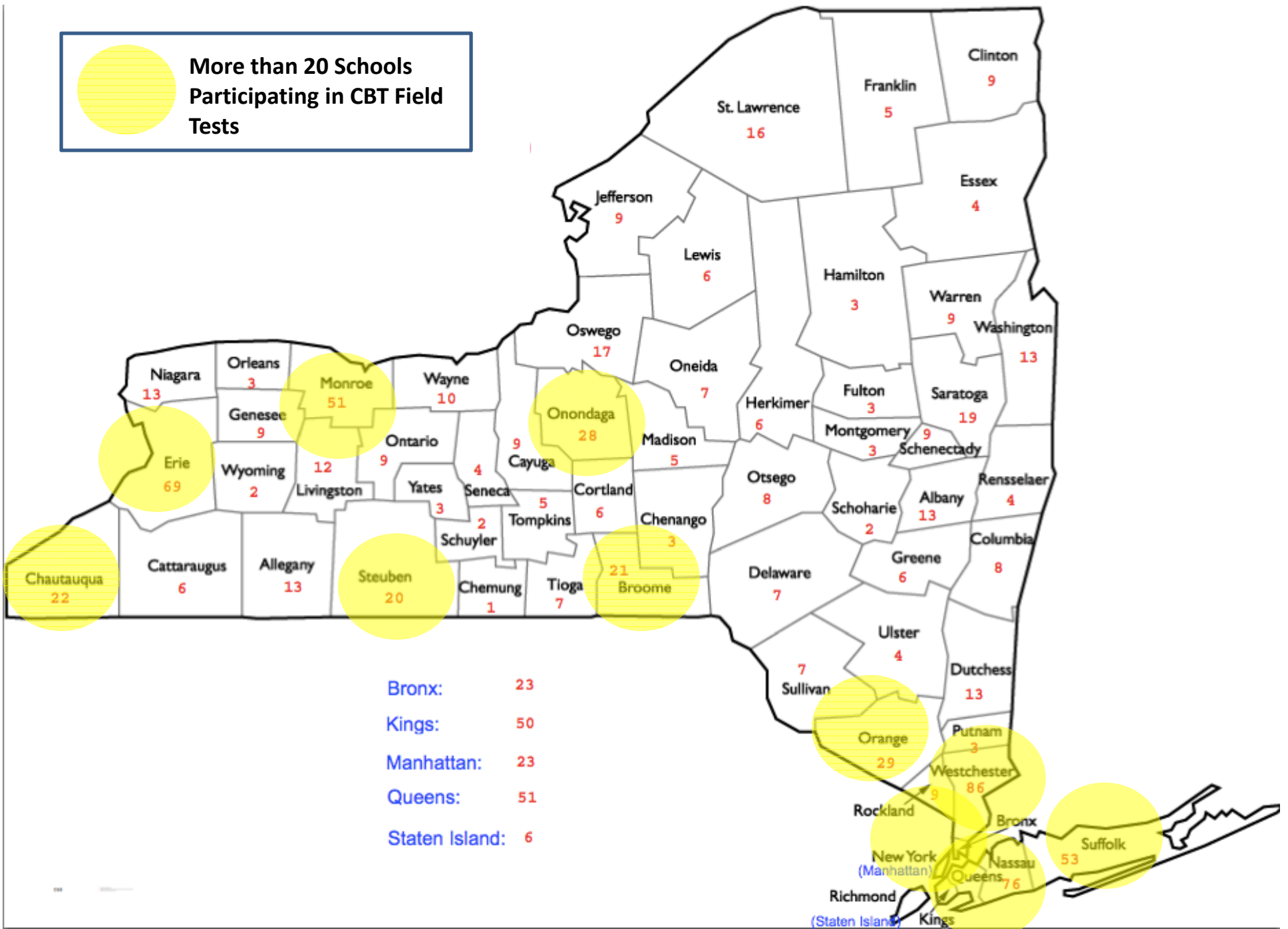
2016 Grades 3-8 Computer-Based Field Tests



- Schools that elected to administer field tests on computer did so for
 - One grade
 - One content area
 - One session of approximately 40 minutes
 - Three week, flexible field test window
- 800+ schools and approximately 60,000 students participated



More than 20 Schools
Participating in CBT Field
Tests



Bronx: 23
Kings: 50
Manhattan: 23
Queens: 51
Staten Island: 6

Field Test Summary and Analysis



- Overall, very few technology issues
 - 1st Day issue with Proctor Pin – fixed by Day 2
 - Nothing system-wide
 - No preliminary indication of better performance on one platform or another
 - Success increased through collaboration

Field Test Summary and Analysis



- Comparability Study
 - Still Underway

- Student Survey Data
 - Hoping to release soon

Field Test Feedback



- Regional Focus Groups
- Big 5 Focus Groups
- CBT Support

Field Test Feedback



- Common Themes
 - Consistency in terminology
 - Passwords
 - Directions
 - Math: CR, need equation editor
 - ELA: Scrolling, text box size
 - Zoom
 - Text to Speech Accommodation
 - Review
 - Submit vs Exit

2016-17

3-8 ELA AND MATH COMPUTER-BASED ASSESSMENTS AND FIELD TESTS

Abbreviations and Definitions



- **CBT:** Computer-Based Test
- **PBT:** Paper-Based Test
- **Operational Test (OT):** The test tied to accountability; the “real” test (as opposed to Field Test)
- **CBS:** Computer-Based Scoring

2016-17



- Schools can choose to participate in Operational and/or Field Testing on Computer
- For Operational Testing, schools can choose to participate by grade level, and by subject in each grade

Timeline



Computer-Based 3-8 Test Administration Window: March 27-March 31 (ELA) May 1 – May 5 (Math)

September - November

- Field Outreach
- Device and System Readiness Tools
- Updated Question Sampler/Release of System Changes
- Release Calendar of Trainings
- Release Info on CBS Platform, ScorePoint®

December - February

- School Decisions (December)
- School Technology and Scoring Readiness Certification (December)
- Nextera Admin Site available
- Regional Trainings
- Possible release of 2nd Question Sampler Update

March - April

- Release of updated video tutorials
- Technical site visits by Questar
- Test Manuals available
- ELA Assessment March 27-March 31
- ELA Computer-Based Scoring March 31-April 7

May - June

- Math Assessment May 1-May 5, 2017
- Math CBS May 5-May 12
- ELA and Math CBT Field Tests: Date TBD

How Schools Choose CBT



- Changes to the NYSED Assessment ordering system will be made to allow school principals to choose PBT/CBT for operational testing for
 - Each Grade
 - Each Subject
- Principals can also elect to do CBT field testing in the ordering system
- Resources will be provided

Technology Readiness Certification



- To participate in operational Computer-Based Testing (**not** field tests), school principals must self-certify that they meet Technology Readiness standards by a set deadline.
 - More information on standards, process, and deadline to come.
- Failure to self-certify Technology Readiness by the deadline will result in the school being reverted to PBT.

Questar Tools



<http://www.questarai.com/support/>

The screenshot shows the Questar support page. At the top, there is a navigation bar with the Questar logo, a phone number (800-800-2598), and social media icons. The main navigation menu includes links for Home, Large-Scale Assessment, Literacy Assessment, Perspectives, About Us, and a prominent red 'Get Started' button. Below this, a secondary navigation bar highlights 'OVERVIEW', 'System Scan', and 'Test Readiness'. The main content area features a blue header with the text 'SUPPORT System Scan and Testing Readiness Check'. Underneath, there is a section titled 'Ensure Online Test Readiness' with a brief description and a 'System Requirements' section containing two expandable boxes for 'Desktop Requirements' and 'Mobile/Tablet Requirements'. To the right, there are two orange call-to-action boxes: 'System Scan' with a 'Scan Now' button and 'Test Readiness' with a 'Test Now' button.

Computer-Based Scoring



- The choice to participate in Computer-Based Testing **requires** participation in Computer-Based Scoring for CBT subject(s)/grade(s).
- The option to score PBT item responses on computer is not available unless the district or BOCES elects to contract on its own with a vendor.
- To participate in Computer-Based Testing and Scoring, schools **MUST** partner with at least two other schools to form a scoring consortium (min 3 schools).
- Consortia **can** be intra- or inter-district.

Computer-Based Scoring



- School Principals will be required to identify the location (BEDS Code) of their Computer-Based Scoring Center by a deadline in late Dec/Early Jan.
 - School or District Office within the District
 - School or District Office within a consortium
 - BOCES/RIC as part of Regional Scoring
 - Vendor
- Failure to meet the deadline will result in schools reverting to paper- based testing.

Computer-Based Scoring



- Questar's ScorePoint System
- Informational video will be released in time for districts to make a decision.
- Guidance will be released on scoring options:
 - Intra-district consortia
 - Inter-district consortia
 - Regional Scoring
 - Vendor Scoring

Changes to CBT Platform



- Questar's CBT platform is called Nextera
- NYSED is working with Questar to identify priorities for system enhancements
 - Student Experience is top concern
- A list of enhancements will be released
 - Known issues document on CBTSupport

SCHOOL AND STUDENT READINESS

School Readiness Resources



- Regional trainings scheduled for January.
 - Additional Webinars / Video Tutorials in subsequent months
- The browser-based Question Sampler is available in every grade in ELA and mathematics using previously released items.
 - Question Sampler will be updated in Fall 2016 to reflect planned enhancements to Nextera Test Delivery System.

Question Sampler



<http://www.nysed.gov/edtech/schools/question-sampler>

New York State Grades 3-8 Testing Program Question Sampler

The New York State Education Department and Questar are committed to supporting students, families, teachers and administrators through every step of the testing process. The Question Sampler offers an opportunity for students to become familiar with the test format, the question types and the tools they will experience during testing.

[Learn more](#) or try the Question Samplers below.



Select Question Sampler

Math and

Resources for BOCES/RIC/Big 5



- Friday Calls
 - Resumed September 9
- CBTSupport
- CBT listserv

Student Readiness



- Feedback on student/teacher readiness from the CBT Field Test focused on
 - Keyboarding skills
 - Reading online print
 - Interacting with online print (highlighting/notes)
 - Drafting directly on computer
 - Interacting with online math tools

Technology Readiness



- What is “technology readiness” for students?
- What is “technology readiness” for teachers?
- What is the most common use for technology in districts (for instruction or assessment)?
- How are districts preparing students & teachers for technology in the 21st century?
- How can NYSED help?

New York State Alternate Assessment (NYSAA)



- ELA and Math NYSAA are administered using Dynamic Learning Maps (DLM) Assessment System
- <http://dynamiclearningmaps.org/newyork>
- <http://www.p12.nysed.gov/assessment/nysaa/nysaa-ela-math-17.html>
- <https://cbtsupport.nysed.gov/hc/en-us/categories/201173593>



Questions?

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