



DC Comprehensive Assessment System

TEST INTEGRITY RESULTS SY2012-2013

March 2014

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2013 DC CAS Investigations Overview

- OSSE executed tight enforcement of protocols and enhanced flagging criteria.
- OSSE hired Alvarez and Marsal (A&M), an independent vendor, to conduct investigations for the third consecutive year.
 - A&M reviewed data and historical documents from OSSE.
 - A&M visited all identified sites and conducted more than 200 interviews of students and adults.
- A total 45 testing groups in 37 schools were flagged for investigations
 - This represents a 7% increase in the number of investigations from last year
 - 27 were based on expanded flagging criteria
 - 18 testing groups were added through random selection

Test Integrity Act

The following aspects of the Test Integrity Act of 2013 were implemented for the 2012-13 school year:

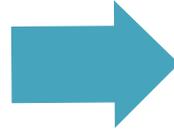
- Enhanced flagging criteria including investigations based on:
 - Cross subject flagging
 - Single extreme flag
 - Random selection

The remaining components are being fully implemented with the 2013-14 test cycle including:

- LEAs filing test security plan 90 days prior to the DC CAS administration
- LEA enforcement of anti-retaliation regulations
- A testing integrity and security agreement that requires the signatory to acknowledge that he/she understands that knowingly and willingly violating law, regulation and/or plans could result in the loss of an OSSE certification or license
- LEAs will be submitting signed affidavits from all test administrators to OSSE within 15 days after the DC CAS

Investigation Process

OSSE generated roster of 2013 testing groups to investigate



OSSE provided vendor with list of testing groups and forensic data

- OSSE generated roster of 2013 testing groups to investigate
- OSSE identified testing groups from 2012 with unusual score drops
- OSSE ran analysis of low variation and extraordinary growth within testing group
- OSSE flagged testing groups for investigation

- A&M reviewed OSSE test documents
- OSSE identified students
- OSSE and A&M discussed investigative protocols
- A&M conducted the investigations
- A&M gave OSSE reports of findings
- OSSE made final determinations

OSSE Flagging Methodology

Statistical Flags (do not by themselves indicate impropriety, but warrant further investigation):

- **Erasure Analysis:**

- Wrong-to-right erasure analysis looks at erasure patterns in answers and determines when a response on an item has been changed from an incorrect answer to a correct answer.

- **Test Score Analysis:**

- Test Score Growth from 2012 to 2013
- Test Score Drop from 2012 to 2013
- Performance variations between multiple choice and constructed response items
- Difference in performance on previously unused items

- **Person-fit analysis:**

- A model measuring the likelihood of a student's response pattern given his/her estimated ability level

- **Random sampling**

- In accordance with the Test Integrity Act enacted this fall, OSSE has also randomly selected classrooms for further review and investigation

Selection Process

A testing group is selected for integrity investigation when any of the following occurs:

- testing groups trigger two or more flags;
- there is an extreme value in a single flag;
- consecutive years of wrong-to-right erasures flags;
- the same flag occurred across multiple subjects;
or
- inclusion in random sampling.

Classification of Findings

Critical

Test tampering or academic fraud (e.g. inappropriate assistance, use of electronic devices when prohibited)

Moderate

Defined violations NOT test tampering or academic fraud (e.g. refusal to sign non disclosure agreements, use of cell phones)

Minor

Test administration errors (e.g. incomplete or missing documents, inconsistent applications of test procedures)

2013 Findings

- Confirmed cases of impropriety represent a very small percentage (0.2%) of public schools and testing groups in D.C.
- Critical violations were confined to individual test administrators; there were no systemic critical findings.

	Testing Groups	Schools
DC CAS Testing	2,032	195
Flagged for Investigation	45*	37*
Critical Violation	4	4

*Although Ron Brown Middle School was flagged for investigation, the school is closed; therefore, no investigation was conducted for the 1 testing group at Ron Brown MS.

School and Testing Group Findings

- **No Findings (19 schools + 26 Testing Groups*)**
- **Minor (9 Testing Groups in 7 schools)**
 - DCPS - Patterson
 - DCPS - Nalle
 - DCPS - Shepherd
 - DCPS - Wilson
 - PCS - Community Academy
 - PCS - Options
 - PCS - Friendship Tech Prep
- **Moderate (6 Testing Groups in 6 schools)**
 - DCPS - Kimball
 - PCS - Achievement Prep
 - PCS - Maya Angelou
 - PCS - Cesar Chavez Parkside High
 - PCS - Perry Street Preparatory
 - PCS – Paul PCS
- **Critical (4 Testing Groups in 4 schools)**
 - DCPS - Oyster Adams
 - DCPS - Plummer
 - PCS - Ideal Academy
 - PCS - Cesar Chavez Parkside Middle



*Although Ron Brown Middle School was flagged for investigation, the school is closed; therefore, no finding for the 1 testing group at Ron Brown MS.

Findings by Violation

Violation	# Schools
Missing Test Security File	5
*Individual test administrator/proctor aided student(s) during test by pointing out specific questions and by making statements regarding the accuracy of student responses on the test; telling students to go back and review specific questions	4
Inconsistent/inaccurate sign-in sheet for test materials	4
Failure to sign NDA (individual, not whole school)	4
Failure to maintain proper security over test materials	3
*Providing unapproved accommodations	3
<i>* Finding results in invalidation</i>	

School Level Results 2012 and 2013

	2011-12	2012-13	Change
Total Schools Investigated	25	36	11 School Increase
Schools With No Findings	9	19	10 School Increase
Schools With Minor Findings	1	7	6 School Increase
Schools With Moderate Findings	4	6	3 School Increase
Schools With Critical Findings	11	4	7 School Decrease

Public Charter Schools Investigated

SCHOOL	# TESTING GROUPS	FLAG TYPE
Achievement Preparatory	1	Random
Basis DC	2	Random
Center City Trinidad	2	Random
Cesar Chavez Parkside Middle	1	Math Growth, Math WTR, Read Person Fit
Cesar Chavez Parkside High	1	Random
Community Academy Amos I	2	Math WTR, Read WTR; Math WTR, Read WTR
DC Preparatory MS	1	Random
Friendship Southeast	2	Math Growth, Math Item Type; Read Growth, Read WTR
Friendship Tech	1	Random
Friendship Woodridge	1	Random
Howard University MS ²	1	Random
Ideal Academy	1	Math WTR
KIPP DC AIM	1	Random
Maya Angelou MS	1	Random
National Collegiate Prep	1	Random
Options PCS	1	Math WTR
Paul PCS	1	Math Growth, Math WTR
Perry Street Prep	2	Math WTR, Read WTR; Math WTR, Read WTR
Washington Yu Ying	1	Math WTR

DC Public Schools Investigated

SCHOOL	# TESTING GROUPS	FLAG TYPE
Aiton ES	1	Math Person Fit, Math Item Type
Banneker SHS	1	Math WTR, Read WTR
Brightwood ES	2	Math Growth, Math Item Type; Math WTR, Read WTR
Janney ES	1	Math Growth, Math Person Fit
Key ES	1	Math WTR, Read WTR
Kimball ES	1	Random
Langdon EC	1	Math WTR, Read WTR, Read Person Fit
Miner ES	1	Random
Nalle ES	1	Random
Oyster Adams	1	Math WTR, Read WTR, Read Growth
Patterson ES	1	Math WTR, Read WTR
Payne ES	1	Math WTR, Read WTR
Plummer	1	Math WTR, Read WTR
Powell ES	1	Random
Shepherd ES	1	Math Growth, Math WTR
Tubman ES	2	Math WTR, Math Item Type; Math Growth, Math WTR
Wilson SHS	2	Read Growth; Read Growth, Read Item Type

Potential Consequences from Findings

- **Minor**
 - Letter of guidance
 - Require approved corrective action plan
- **Moderate**
 - Letter of reprimand
 - Corrective action plan
 - Potential invalidation of results
- **Critical**
 - Letter of reprimand
 - Invalidation of results
 - Corrective action plan
 - Enhanced monitoring by OSSE during testing

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