

STATE OF NEW MEXICO
LEGISLATIVE EDUCATION STUDY COMMITTEE

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November 13, 2013

MEMORANDUM

TO: Legislative Education Study Committee

FR: Michael Bowers

RE: COMMITTEE REQUEST: END OF COURSE EXAMS

During the October interim meeting of the Legislative Education Study Committee, a committee member requested additional information relating to end of course exams.

Public Education Department staff responded by email with a department document, "*Overview of End of Course Exams*" (see attachment).

Overview of End of Course Exams

NMSA 22-13-1-1-M

Beginning with the 2010-2011 school year, a student shall not receive a New Mexico diploma of excellence if the student has not demonstrated competence in the subject areas of mathematics, reading and language arts, writing, social studies and science, including a section on the constitution of the United States and the constitution of New Mexico, based on a standards-based assessment or assessments or a portfolio of standards-based indicators established by the department by rule.

Assessment Requirements for HS Graduation

Primary Demonstration of Competency

- Math, Reading, Science: Pass SBA/HSGA
- Writing and Social Studies: Pass 1 EoC

Alternate Demonstration of Competency (ADC)

ADC: Provides additional opportunities for students to meet assessment requirements.

ADCs include:

EoCs

CCR Indicators



See *Graduation Checklist* for options and CCR cut scores.

Alternate Demonstration of Competency

- If students do not demonstrate competency initially, they may use cut scores for one of the following as an ADC:
 - » ACT
 - » PLAN
 - » PSAT
 - » SAT
 - » Accuplacer
 - » COMPASS
 - » IB Program
 - » AP
 - » EoC

EoCs as ADCs for High School Graduation



- ADC for all subjects
- Two chances to pass an ADC
 - *Two total attempts* in math, reading, science
 - *Three total attempts* in writing and social studies
 - Students on career or ability pathways have an extra attempt to allow IEP teams an opportunity to set individualized cut scores.
- May take during any established testing windows

EoCs for High School Graduation—ADCs

MATH

Algebra I*
Algebra II
Integrated Math III
Math ADC

SCIENCE

Biology
Chemistry

READING

ELA III Reading
ELA IV Reading

WRITING

ELA III Writing
ELA IV Writing

SOCIAL STUDIES

Economics
NM History
U.S. Government
U.S. History
World History and Geog.

Student must pass Algebra II course to use Algebra I EoC.

District-Developed EoCs

- Districts may develop EoCs for any course for graduation purposes.
- Follow FULL SET OF *Quality Criteria* and submit for approval.
- <http://www.ped.state.nm.us/AssessmentAccountability/AssessmentEvaluation/EOC/2013/EoC%20Quality%20Criteria%20V.1.1FINALpdf.pdf>

Assessment Requirements

A student must attempt ALL administrations of the SBA/HSGA (H2, H3, H4 retakes) before implementing a passing EoC or other ADC score.

Students may bank passing scores proactively.

Requirements, Exceptions, Waivers for EoCs

- H5 students in the 2013 cohort, 2014 graduates, and beyond must pass SBA/HSGA (math, reading, science), writing EoC, and social studies EoC OR an ADC to graduate.

EXCEPTION: 2014 graduates who passed U.S. History in 2011–2012 or earlier may be waived from the social studies EoC.

PED-Developed EoCs

- Elementary, Middle, and High School
- Paper-Based Assessments (PBA)
- Student Performance Assessments (SPA)
- Core and elective subjects
- Developed by groups of NM Educators

PED-Developed EoCs

Course	Grades
Algebra I	7–12
Algebra II	10–12
Biology	9–12
Chemistry	9–12
Economics	9–12
English/Language Arts Reading	11 and 12
English/Language Arts Writing	11 and 12
General Computer Applications	9–12
Health Education	6–12
Integrated (General) Science	6–8
Integrated Math III	10–12
Introduction to Art	4–5, 7–8, 9–12
Music	4–5, 9–12
New Mexico History	7–12
Physical Education	4–5, 7–8, 9–12
Social Studies 6	6
Spanish I	9–12
U.S. Government—Comprehensive	9–12
U.S. History	9–12
World History and Geography	9–12

PED-Developed EoCs

- Frameworks available on PED website
- <http://ped.state.nm.us/AssessmentAccountability/AssessmentEvaluation/EOC/index.html>
- Include assessed standards and test blueprints
- Essential for teachers!

PED-Developed EoCs

- Is the PED EoC appropriate for my class?
- Check framework.
- Assessed standards should align with curriculum.

District-Developed EoCs

When to create?

- If no EoC exists for a course
- If PED EoC does not align with curriculum*

*Must be significantly different

EoCs for Use in Teacher Effectiveness

EoCs must be used in the preferential order listed below:

1. PED-Developed
2. District-Developed/PED-Approved
3. District-Developed Common Assessments (2013–2014)
4. Teacher-Developed (2013–2014)

District-Developed/PED-Approved

Use if no PED-Developed EoC for the course

Made available statewide once approved

Quality Criteria on PED Website

District-Developed Common Assessments

May be used 2013–2014 only.

Modified Quality Criteria for ease of development (on PED website).

Must be uniform across district.

Teacher-Developed EoCs

May be used 2013–2014 only.

Developed by one teacher when no other teachers in school or district teach that course.

Modified Quality Criteria for ease of development (on PED website).

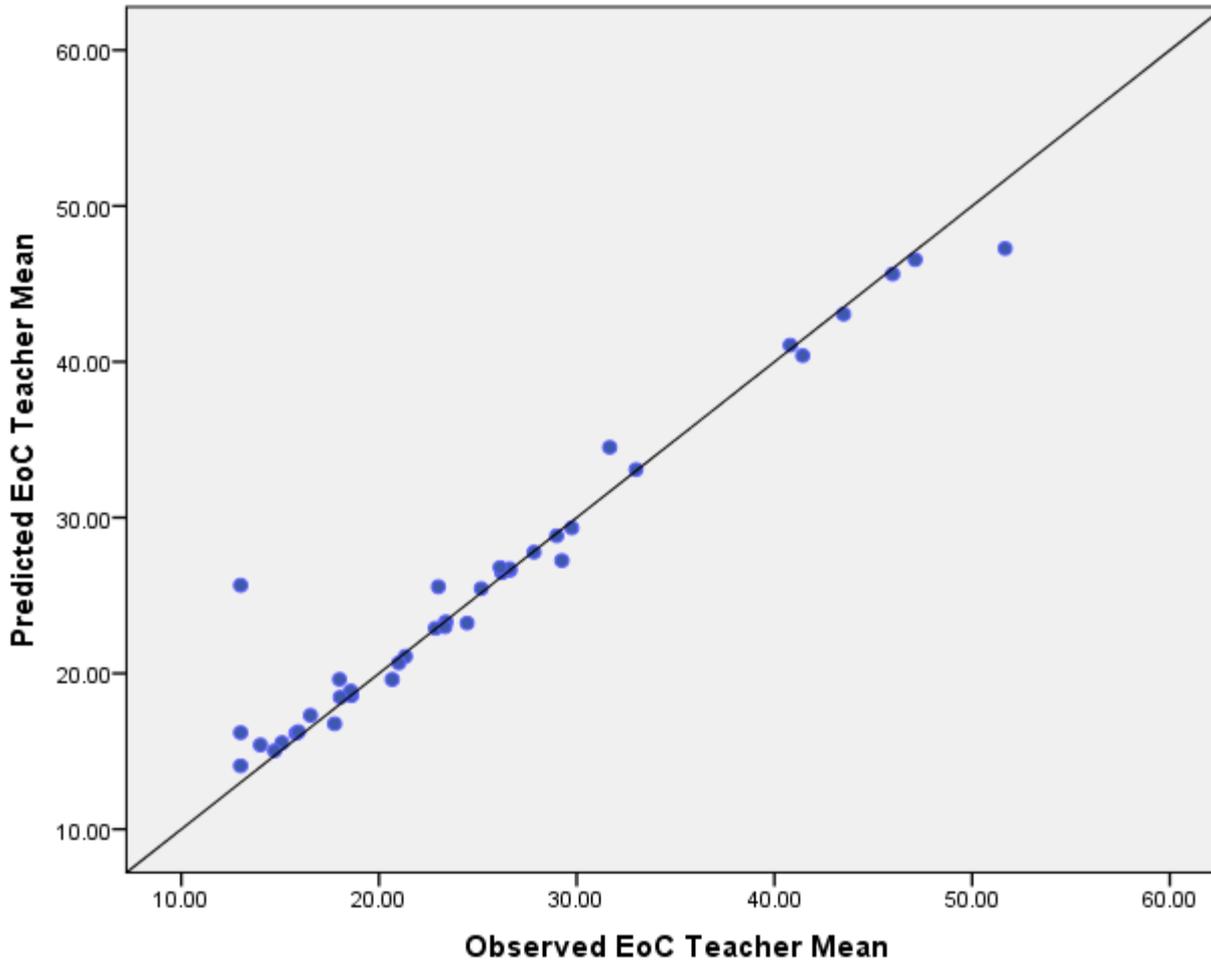
EoCs

Correlation of EoC with SBA:

Current Math	0.32
Current Reading	0.31
Prior Math	0.35
Prior Reading	0.34

Based on sample of 4,200 students and includes only ADC EoCs.

EoCs



Correlation
between
predicted and
actual EoC at
the student
level = .86

At the teacher
level = .94