

ICPSR 34868

**Measures of Effective Teaching: 3b
- Base Data: Item-Level
Supplemental Test Files, 2009-2011**

Description

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Bibliographic Description

ICPSR Study No.: 34868

Title: Measures of Effective Teaching: 3b - Base Data: Item-Level Supplemental Test Files, 2009-2011

Alternate Title: MET 3b - Item-Level Supplemental Test Files, 2009-2011

Principal Investigator(s): Bill and Melinda Gates Foundation

Series: Measures of Effective Teaching (MET) Project Series

Funding Agency: Bill and Melinda Gates Foundation

Bibliographic Citation: Bill and Melinda Gates Foundation. Measures of Effective Teaching: 3b - Base Data: Item-Level Supplemental Test Files, 2009-2011. ICPSR34868-v1. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2013-09-24. <http://doi.org/10.3886/ICPSR34868.v1>

Scope of Study

Summary: The MET project is based on two premises: First, a teacher's evaluation should depend to a significant extent on his/her students' achievement gains; second, any additional components of the evaluation (e.g., classroom observations) should be valid predictors of student achievement gain.

Student achievement was measured in two ways -- through existing state assessments, designed to assess student progress on the state curriculum for accountability purposes, and supplemental assessments, designed to assess higher-order conceptual understanding. The supplemental assessments used were:

- Stanford 9 (SAT 9) Open-Ended Reading Assessment in grades 4 through 8
- Balanced Assessment in Mathematics (BAM) in grades 4 through 8
- ACT QualityCore series for Algebra I, English 9, and Biology (ACT)

Close to 3,000 teacher volunteers from across the following 6, predominantly urban, school districts participated in the MET project: Charlotte-Mecklenburg Schools, Dallas Independent School District, Denver Public Schools, Hillsborough County Public Schools, Memphis City Schools, and the New York City Department of Education.

Participants teach math and English language arts (ELA) in grades 4-8, Algebra I, grade 9 English, and high school biology.

The Item-Level Supplemental Test Files release consists of data files for the three supplemental assessments (SAT 9, BAM, and ACT).

Subject Term(s): curriculum, education, educational testing, student attitudes, student behavior, students, teacher attitudes, teacher education, teacher evaluation, teacher student relationship, teachers, teaching conditions, teaching methods

Smallest Geographic Unit: School Districts

Geographic Coverage: Charlotte, Colorado, Dallas, Denver, Florida, Memphis, New York (state), New York City, North Carolina, Pennsylvania, Pittsburgh, Tampa, Tennessee, Texas, United States

Time Period: • 2009 - 2011

Date(s) of Collection: • January 2010 - June 2011

Unit of Observation: Teachers, Students

Universe: Teachers and students within the six participating school districts.

Data Type: observational data

survey data

Data Collection Notes: Participating academic institutions include Dartmouth College, Harvard University, Stanford University, University of Chicago, University of Michigan, University of Virginia, and University of Washington. Participating non-profit organizations include Educational Testing Service, RAND Corporation, and the New Teacher Center. Participating education consultants include Cambridge Education, Teachscape, and Westat. The National Board for Professional Teaching Standards and Teach For America supported the project and have encouraged their members to participate. The American Federation of Teachers and the National Education Association were involved in discussions about the MET project and supported the research.

Teachscape conducted the classroom video recordings, Educational Testing Service (ETS) managed the lesson-scoring process.

Methodology

- Data Source: Administrative data were gathered from each of the six participating school districts.
- Mode of Data Collection: coded video observation
cognitive assessment test
- Response Rates: 2,746 teachers began the year 1 of the MET project, 1,868 completed year 2 of the MET project.
- Presence of Common Scales: Item-level supplemental student assessments include:
- Balanced Assessment in Mathematics (BAM) in grades 4 through 8
 - ACT QualityCore series for Algebra I, English 9, and Biology (ACT)
 - Stanford 9 (SAT 9) Open-Ended Reading Assessment in grades 4 through 8
- Extent of Processing: Performed consistency checks.
Created variable labels and/or value labels.
Checked for undocumented or out-of-range codes.

Access and Availability

- Note: A list of the data formats available for this study can be found in the [summary of holdings](#). Detailed file-level information (such as record length, case count, and variable count) is listed in the [file manifest](#).
- Restrictions: The Measures of Effective Teaching Longitudinal Database (MET LDB) is restricted from general dissemination; a Confidential Data Use Agreement must be established prior to access. Researchers interested in gaining access to the data can submit their applications via ICPSR's online Restricted Contracting System, linked above.
- Applicants will be required to:
- Submit IRB approval/exemption documentation;
 - Scan and email the completed Confidential Data Use Agreement, signed by the Primary Investigator and an Institutional Representative ([Link](#));
 - Pay the access fee (\$500 for up to five users, and \$250 for each additional user beyond five)

Please visit the MET LDB ([Link](#)) Web site for more information.

Original ICPSR Release: 2013-09-01

Version History: The last update of this study occurred on 2014-12-16.

2014-12-16 - Instruments were added.

2014-07-29 - A series wide update to assure that files distributed through internal systems are current with those turned over.

2013-09-24 - 2013-09-23 Study title was changed and documents were updated.

2013-09-06 - Study title was changed.

- Dataset(s):
- DS1: ACT QualityCore series for Algebra I, English 9, and Biology (ACT) - Year 1
 - DS2: ACT QualityCore series for Algebra I, English 9, and Biology (ACT) - Year 2
 - DS3: Balanced Assessment in Mathematics (BAM) - Year 1
 - DS4: Balanced Assessment in Mathematics (BAM) - Year 2
 - DS5: Stanford 9 Open-Ended Reading Assessment (SAT 9) - Year 1
 - DS6: Stanford 9 Open-Ended Reading Assessment (SAT 9) - Year 2