Study Organization

The data collections available through the MET Longitudinal Database have been organized into multiple ICPSR studies, in an attempt to provide clarity to how the many different data files relate to each other. There are data collections, and thus ICPSR studies, from three sample sets from within, or related to, the MET project: the full MET sample, which includes all MET teachers and students; the randomization sample, drawn from the full MET sample; and the district-wide census, from which the full MET sample was drawn. The data within the collections, and thus within the different ICPSR studies, are also made available at six different levels of analysis: student, teacher, class/section, school, video observation segment and survey or measurement item-level.

The charts below describe which data collections are drawn from each sample, what analysis level those collections are provided in and in which ICPSR studies those data can be found.

measures *of effective teaching*
LONGITUDINAL DATABASE

LDB STUDY ORGANIZATION

SAMPLE	ANALYSIS LEVEL	DATA COLLECTIONS	STUDY NAMES & NUMBERS

Full MET Sample

👉 The full MET sample includes all MET teachers and the students in their classrooms

Section

👉 A section, also referred to as class/section, is a unique teacher/grade/subject combination. Each section has one teacher but most teachers are related to, taught, multiple sections.

Student demographics, state and supplemental test rankings, value-added variables and student perception survey composite measures.

Base Data: Analytical FIles
(ICPSR #34309)

Student

ACT, BAM and SAT-9 scores

Base Data: Supplemental Test Files
(ICPSR #34868)

Video Observation Segment

👉 A video observation segment is a portion of the video recording of classes rated using the video observation measures.

CLASS, FFT, MQI, PLATO, QST and UTOP observation scores

Base Data: Observation Scores
(ICPSR #34346)

Teacher

Teacher, Principle and Student Perception Surveys, Curriculum Evaluation and Teacher Knowledge Assessment

Base Data: Surveys and Assessment Teacher Files
(ICPSR #34345)

👉 The Base Data files at the teacher/student/video observation segment level contain values for each item in a survey or measure for each respondent in the full met sample. The Base Data files at the section analysis level aggregate those item level values within classes/sections.

measures *of* effective teaching
LONGITUDINAL DATABASE

LDB STUDY ORGANIZATION

SAMPLE	ANALYSIS LEVEL	DATA COLLECTIONS	STUDY NAMES & NUMBERS
	School	School student composition, aggregated data on students' test scores, principals' opinions of teacher evaluation and training policies	Core: District/School File (ICPSR # 34414-0001)
	Teacher	Teacher social and professional background variables, opinion of working conditions and evaluation system, & Math and ELA content knowledge assessment	Core: Teacher File (ICPSR # 34414-0002)
Randomization Sample	Class/Section	Class student demographic composition, aggregated class value-added and video observation scores and student perception responses	Core: Class Section File (ICPSR # 34414-0003)
	Student	Student demographics, state and supplemental test score rankings, student perception responses	Core: Student by Section File (ICPSR # 34414-0004)
	Video Observation Segment	Classroom Assessment Scoring System (CLASS)	Core: Classroom Observation Scores – CLASS File (ICPSR # 34414-0005)
		Framework for Teaching (FFT)	Core: Classroom Observation Scores – FFT File (ICPSR # 34414-0006)
		Mathematical Quality of Instruction (MQI)	Core: Classroom Observation Scores – MQI File (ICPSR # 34414-0007)
		Protocol for Language Arts Teaching Observation (PLATO)	Core: Classroom Observation Scores – PLATO File (ICPSR # 34414-0008)
		Quality Science Teaching (QST)	Core: Classroom Observation Scores – QST Lab File (ICPSR # 34414-0009)
			Core: Classroom Observation Scores – QST Non-Lab File (ICPSR # 34414-0010)

☞ The randomization sample was drawn from the full MET sample. Additional information on the MET randomization process can be found in Appendix B of the User Guide.

☞ A video observation segment is a portion of the video recording of classes rated using the video observation measures.

SAMPLE	ANALYSIS LEVEL	DATA COLLECTIONS	STUDY NAMES & NUMBERS

District-Wide Files: District 56: Years 2008–2011
(ICPSR # 34798-0001, -0007, -0013)

District-Wide Files: District 75: Years 2008–2011
(ICPSR # 34798-0002, -0008, -0014)

District-Wide Files: District 21: Years 2008–2011
(ICPSR # 34798-0003, -0009, -0015)

Student demographics, Math and Reading test rankings, and teacher classroom means of both student demographics and test rankings

District-Wide Files: District 18: Years 2008–2011
(ICPSR # 34798-0004, -0010, -0016)

☞ District-wide data are made available as one data file for each district per year, for the school year immediately prior to the MET project launch, as well as the two MET project years.

District-Wide Files: District 33: Years 2008–2011
(ICPSR # 34798-0005, -0011, -0017)

District-Wide Files: District 71: Years 2008–2011
(ICPSR # 34798-0006, -0012, -0018)

District-Wide   —   **Student**

☞ All fourth through ninth grade students in the six participating MET districts.

District-Wide Files: 2009 All Districts:
Value Added Code (pkg34798-all_2009.zip)

SAS code for creating Value-Added Measures (VAMs)

District-Wide Files: 2010 All Districts:
Value Added Code (pkg34798-all_2010.zip)

☞ The SAS statistical software code used to create the MET value-added measures has been made available for the school year immediately prior to the MET project launch, as well as the two MET project years.

District-Wide Files: 2011 All Districts:
Value Added Code (pkg34798-all_2011.zip)