

**TAAG SOFIT
DERIVED VARIABLE
DICTIONARY**

This document contains a description of the derived variables from the SOFIT (System for Observing Fitness Instruction Time) measurement instrument. These measurements were completed at baseline (SERIES = 01, 02, 03), at 8A (SERIES = 31, 32, 33) and at 8B (SERIES = 41, 42, 43). Each series represents a distinct visit to a school. Within each distinct visit (SERIES), the SEQNO distinguishes the different classes observed. A percentage of the records (approximately 12%) are reliability observations. These are distinguished by the SOFA5 variable.

TAAG SOFIT Derived Variable Dictionary

1. Form Variables

<u>Variable</u>	<u>Description</u>
DATE	Date of the PE class observation
ID	School ID (eight characters). PE classes at each TAAG school were visited three times during each of the three measurement windows (baseline, 8A and 8B).
SCH_2C	2-letter School Code
SEQNO	Sequence Number. This, along with SERIES and ID, denotes a unique classroom observation. Think of this as a classroom ID.
SERIES	Series Number. This denotes the measurement time point as well as the visit out to the school. Baseline measurements have a value of 01, 02 or 03 for SERIES. 8A measurements have a value of 31, 32 or 33 for SERIES. 8B measurements have a value of 41, 42 or 43 for SERIES. There are three SERIES per measurement window because SOFIT measurement staff performed observation at three separate and spaced visits to each school.
SITE_1C	1-letter Site Code
SOFA1	Observer ID
SOFA2	Teacher ID
SOFA3	Teacher gender
SOFA4	Location: indoor/outdoor
SOFA5	Reliability observation
SOFA6	Period
SOFA7	Grade
SOFA8	Start time (5 Chars)
SOFA9	End time (5 Chars)
SOFA10	Number of girls
SOFA11	Number of boys

2. Derived Variables

<u>Variable</u>	<u>Description</u>
CLASS_EE	Class energy expenditure [(# intervals Lying x .029) + (# Sitting x .047) + (#Standing x .051) + (# Walking x .096) + (# Very Active x .144)]
DURATION	Duration of observation (min)
EE_RATE	Energy expenditure rate [(% intervals Lying x .029) + (% Sitting x .047) + (%Standing x .051) + (% Walking x .096) + (% Very Active x .144)]
FITACT	Lesson context: fitness activity (min)
GAMEPLAY	Lesson context: game play (min)

INCLASS	Interactions: In-class (min)
<u>Variable</u>	<u>Description</u>
INTERACT	Interactions: total number of minutes with information
KNOWLEDG	Lesson context: knowledge (min)
LSNCNTXT	Lesson context: total number of minutes with information
LYDOWN	Student behavior: lying down (min)
MNGMENT	Lesson context: management (min)
MVPA	Moderate to vigorous physical activity (min)
NOCLASS	Interactions: None (min)
OTHER	Lesson context: other (min)
OUTCLASS	Interactions: Out-of-class (min)
SITTING	Student behavior: sitting (min)
SKILPRAC	Lesson context: skill practice (min)
STANDING	Student behavior: standing (min)
STDNTBEH	Student behavior: total number of minutes with information
VERYACTV	Student behavior: very active (min)
WALKING	Student behavior: walking (min)