

DERIVED CONTEXT VARIABLES

School Questionnaire – Grade 4

Derived Variable Name:

ACDGSBC

Variable Label:

School Composition by Socioeconomic
Background

International Report Exhibits

Exhibits 4.1.1 – 4.1.5: School Composition by Socioeconomic Composition of the Student Body – Principals' Reports

Procedure

Based on responses to the following questions in the School Questionnaire:

ScQ-03: Approximately what percentage of students in your school have the following backgrounds?

"Come from economically disadvantaged homes" (ACBG03A)

"Come from economically affluent homes" (ACBG03B)

Response options: 1 = "0 to 10%"

2 = "11 to 25%"

3 = "26 to 50%"

4 = "More than 50%"

Derive ACDGSBC:

1 = "More Affluent" = IF (ACBG03A <=2 AND ACBG03B >= 3)

3 = "More Disadvantaged" = IF (ACBG03A >=3 AND ACBG03B <= 2)

2 = "Neither More Affluent nor More Disadvantaged" = IF (All other combinations of ACBG03A and ACBG03B)

Set ACDGSBC to missing if either source variable is missing.

Set ACDGSBC to not administered if either source variable is not administered.

1 = "More Affluent"

2 = "Neither More Affluent nor More Disadvantaged"

3 = "More Disadvantaged"

Trend Comments

See ACDGSBC in TIMSS 2019.

Derived Variable Name:

ACDGTIHY

Variable Label:

Total Instructional Hours per Year

Procedure

Based on responses to the following questions in the School Questionnaire:

ScQ-06A: How many days per year is your school open for instruction? (ACBG06A)

(Open-response item)

ScQ-06B: What is the total instructional time, excluding breaks, in a typical day? (ACBG06B)

(Open-response item; response in terms of minutes)

Derive ACDGTIHY:

Step 1: Compute instructional hours per day:

Divide ACBG06B by 60.

Step 2: Compute hours of school per year:

Multiply the result of Step 1 by ACBG06A.

Set ACDGTIHY to missing if either source variable is missing.

Trend Comments

See ACDGTIHY in TIMSS 2019.