

DERIVED CONTEXT VARIABLES

School Questionnaire – Grades 8 & 9

Derived Variable Name:

BCDGSBC

Variable Label:

School Composition by Socioeconomic Background (2023)

International Report Exhibits

Exhibits 4.1 – 4.5: School Composition by Socioeconomic Background of the Student Body – Principals' Reports

Procedure

Based on responses to the following questions in the School Questionnaire administered in 2023:
ScQ-03: Approximately what percentage of students in your school have the following backgrounds?

"Come from economically disadvantaged homes" (BCBG03A)

"Come from economically affluent homes" (BCBG03B)

Response options: 1 = "0 to 10%"

2 = "11 to 25%"

3 = "26 to 50%"

4 = "More than 50%"

Derive BCDGSBC:

1 = "More Affluent" = IF (BCBG03A <=2 AND BCBG03B >= 3)

3 = "More Disadvantaged" = IF (BCBG03A >=3 AND BCBG03B <= 2)

2 = "Neither More Affluent nor More Disadvantaged" = IF (All other combinations of BCBG03A and BCBG03B)

Set BCDGSBC to missing if either source variable is missing.

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

1 = "More Affluent"

2 = "Neither More Affluent nor More Disadvantaged"

3 = "More Disadvantaged"

Comments

See BCDLGSBC for variable derived from 2024 questionnaire data.

Derived Variable Name:

BCDLGSBC

Variable Label:

School Composition by Socioeconomic
Background (2024)

International Report Exhibits

Exhibits 4.1 – 4.5: School Composition by Socioeconomic Background of the Student Body –
Principals' Reports

Procedure

Based on responses to the following questions in the School Questionnaire administered in 2024:
ScQ-02: Approximately what percentage of students in your school have the following backgrounds?
"Come from economically disadvantaged homes" (BCBLG02A)
"Come from economically affluent homes" (BCBLG02B)
Response options: 1 = "0 to 10%"
2 = "11 to 25%"
3 = "26 to 50%"
4 = "More than 50%"

Derive BCDLGSBC:

1 = "More Affluent" = IF (BCBLG02A <= 2 AND BCBLG02B >= 3)

3 = "More Disadvantaged" = IF (BCBLG02A >= 3 AND BCBLG02B <= 2)

2 = "Neither More Affluent nor More Disadvantaged" = IF (All other combinations of BCBLG02A and BCBLG02B)

Set BCDLGSBC to missing if either source variable is missing.

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

1 = "More Affluent"

2 = "Neither More Affluent nor More Disadvantaged"

3 = "More Disadvantaged"

Comments

See BCDGSBC for variable derived from 2023 questionnaire data.

Derived Variable Name:

BCDGTIHY

Variable Label:

Total Instructional Hours per Year (2023)

Procedure

Based on responses to the following questions in the School Questionnaire administered in 2023:

ScQ-06A: How many days per year is your school open for instruction? (BCBG06A)

(Open-response item)

ScQ-06B: What is the total instructional time, excluding breaks, in a typical day? (BCBG06B)

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

Derive BCDGTIHY:

Step 1: Compute instructional hours per day:

Divide BCBG06B by 60.

Step 2: Compute hours of school per year:

Multiply the result of Step 1 by BCBG06A.

Set BCDGTIHY to missing if either source variable is missing.

Comments

See BCDLGTIHY for variable derived from 2024 questionnaire data.

Derived Variable Name:

BCDLGTIHY

Variable Label:

Total Instructional Hours per Year (2024)

Procedure

Based on responses to the following questions in the School Questionnaire administered in 2024:

ScQ-04A: How many days per year is your school open for instruction? (BCBLG04A)

(Open-response item)

ScQ-04B: What is the total instructional time, excluding breaks, in a typical day? (BCBLG04B)

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

Derive BCDLGTIHY:

Step 1: Compute instructional hours per day:

Divide BCBLG04B by 60.

Step 2: Compute hours of school per year:

Multiply the result of Step 1 by BCBLG04A.

Set BCDLGTIHY to missing if either source variable is missing.

Comments

See BCDGTIHY for variable derived from 2023 questionnaire data.