

Codebook and Introduction to the Data:  
Brazilian Schools Panel Database: School Level  
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The database is organized as a panel spanning from 1996-2016. Numbers in brackets indicate any missing years. The current database is organized using 2015 INEP nomenclature. For years preceding 2006, the old school code MASCARA, is available. Do-files used in creating the data are available upon request to the authors.

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#### IDENTIFYING VARIABLES

**NU\_ANO\_CENSO** Year  
**CO\_MUNICIPIO** 7 digit municipal code\*  
**CO\_UF** State code (numeric)  
**UF** State Name  
**SIGLA** State abbreviation  
**NO\_ENTIDAD** School Name [only included 2014, 2015]  
**MUNIC** Municipality Name [included 1996-2006]

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#### SCHOOL CHARACTERISTICS AND SIZE

**TP\_SITUACAO\_FUNCIONAMENTO** School Status (1) Active (2) Suspended (3) Closed (4) Closed in the last year\*\*  
**STATUS** School Status (1) Active (0) Inactive  
**TP\_DEPENDENCIA** [included after 2006]  
School Type : (1) Federal (2) State (3) Municipal (4) Private\*\*\*  
**FEDERAL** Federal School (0) No (1) Yes  
**ESTADUAL** State School (0) No (1) Yes  
**MUNICIPAL** Municipal School (0) No (1) Yes  
**PRIVADA** Private School (0) No (1) Yes  
**TP\_CATEGORIA\_ESCOLA\_PRIVADA** Type of Private School (1) Particular (2) Comunitaria (3) Confesional (4) Filantropica  
**TP\_LOCALIZACAO** (1) Urban (2) Rural  
**URBANA** Urban (0) No (1) Yes  
**NIVFUND\_1** First Half of Fundamental Edu (Years 1-4 or 1-5)  
(0) No (1) Yes  
**NIVFUND\_2** Second Half of Fundamental Edu (Years 5-8 or 6-9)  
(0) No (1) Yes  
**EIGHTYEARS** [included after 2000] School has education on an 8-year system

(0) No (1) Yes  
**NINEYEARS** [included after 2000] School has education on a 9-year system  
(0) No (1) Yes  
**TURMAFUND** Number of turmas (classes) in fundamental education  
**TURMAFUND\_I** Number of turmas in initial years (1-4 or 1-5)  
**TURMAFUND\_T** Number of turmas in terminal years (5-8 or 6-9)  
**MATFUND** Number of students in fundamental education  
**MATFUND\_I** Number of students in initial years (1-4 or 1-5)  
**MATFUND\_T** Number of students in terminal years (5-8 or 6-9)

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#### SCHOOL FACILITIES

**NU\_SALAS\_EXISTENTES** Number of classrooms  
**NU\_SALAS\_UTILIZADAS** Number of classrooms in use  
**IN\_BIBLIOTECA** Library (0) No (1) Yes  
**IN\_LABORATORIO\_INFORMATICA** Computer lab (0) No (1) Yes  
**IN\_LABORATORIO\_Ciencias** Science lab (0) No (1) Yes  
**IN\_QUADRA\_ESPORTES** Sports field (0) No (1) Yes  
**IN\_EQUIP\_TV** Television (0) No (1) Yes  
**IN\_EQUIP\_PARABOLICA** Parabolic Antenna (1) No (1) Yes  
**IN\_COMPUTADOR** Computer(s) (0) No (1) Yes  
**IN\_INTERNET** Internet (0) No (1) Yes  
**NU\_COMPUTADOR** Number of Computers  
**NU\_EQUIP\_TV** [included before 2006] Number of televisions  
**SCHOOL\_WATER\_PUBLIC** Water from a public grid (0) No (1) Yes  
**SCHOOL\_WATER** Water from any source (0) No (1) Yes  
**SCHOOL\_ELECTR\_PUB** Electricity from the public grid (0) No (1) Yes  
**SCHOOL\_ELECTR** Electricity from any source (0) No (1) Yes  
**SCHOOL\_SEWAGE\_PUB** Sewage from the public grid (0) No (1) Yes  
**SCHOOL\_SEWAGE** Sewage from any source

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#### TEACHERS/STAFF

**NU\_FUNCIONARIOS** Total staff  
**PROFFUNDTOT** Number of teachers teaching fundamental education

**PROFESS** Total number of teachers

**PCPROFFUNDINC** Percentage of instructors teaching fundamental education who have not themselves completed fundamental education

**PCPROFFUNDCOMP** Percentage of instructors teaching fundamental education whose highest level of education is fundamental education

**PCPROFMED** Percentage of instructors teaching fundamental education whose highest level of education is secondary education

**PCPROFSUP** Percentage of instructors teaching fundamental education with tertiary education or advanced degrees

**EDUCTEACH** Average years of teacher education\*\*\*\*

#### **RATIOS/PERFORMANCE\*\*\*\*\***

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**CLASSSIZE** Students/Turmas in fundamental edu

**CLASSSIZE\_I** [included after 2006] Students/Turmas: First half of fundamental edu

**CLASSSIZE\_T** [included after 2006] Students/Turmas: Second half of fundamental edu

**STUDTEACH** Students/Teachers in fundamental edu

**RATE\_APROV** [missing 2000-2002] Pass Rate of students in fundamental edu

**RATE\_APROV\_I** [missing 2000-2002] Pass rate in first half of fundamental edu

**RATE\_APROV\_T** [missing 2000-2002] Pass rate in second half of fundamental edu

**RATE\_FAILURE** [missing 2000-2002] Failure rate in fundamental edu

**RATE\_FAILURE\_I** Failure rate in first half of fundamental edu

**RATE\_FAILURE\_T** [missing 2000-2002] Failure rate in second half of fundamental edu

**RATE\_ABANDON** [missing 2000-2002] Dropout rate in fundamental edu

**RATE\_ABANDON\_I** [missing 2000-2002] Dropout rate in first half of fundamental edu

**RATE\_ABANDON\_T** [missing 2000-2002] Dropout rate in second half of fundamental edu

**RATE\_TRANSFER** [included before 2007] Transfer rate in fundamental edu

**RATE\_TRANSFER\_I** [included before 2007] Transfer rate in first half of fundamental edu

**RATE\_TRANSFER\_T** [included before 2007] Transfer rate in second half of fundamental edu

**RATE\_OVERAGE** [Included 1998-2015] Rate of students older than expected age for grade level, fundamental edu

**RATE\_OVERAGE\_I** [Included 1998-2015] Rate of students older than expected age for grade level, first half of fundamental edu

**RATE\_OVERAGE\_T** [Included 1998-2015] Rate of students older than expected age for grade level, second half of fundamental edu

#### **TEST SCORES\*\*\*\*\***

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**PROVA\_MEAN\_PORT\_I** [2005, 2007, 2009, 2011] School average Portuguese score on Prova Brasil, 4<sup>th</sup> grade

**PROVA\_MEAN\_PORT\_T** [2005, 2007, 2009, 2011] School average Portuguese score on Prova Brasil, 8<sup>th</sup> grade

**PROVA\_MEAN\_MAT\_I** [2005, 2007, 2009, 2011] School average Math score on Prova Brasil, 4<sup>th</sup> grade

**PROVA\_MEAN\_MAT\_T** [2005, 2007, 2009, 2011] School average Math score on Prova Brasil, 8<sup>th</sup> grade

\*In pre-2006 data, the municipal codes were 12 digits. Current municipal codes are made of the first 2 + last 5 digits of this code

\*\* For school condition, “Closed in the last year” only became an option starting in 2008

\*\*\* For school type, pre-2006 values were recoded to match later years (Old Values (1) State (2) Federal (3) Municipal (4) Private

\*\*\*\* Average teacher education was calculated using a weighted average with the number of professors in each category:

15 \* Supplemental Edu

11 \* Secondary Edu

8 \* Primary Edu

0 \* Incomplete

\*\*\*\*\*Before 2007, Class size, pass/fail/dropout rates, and overage rates are calculated manually from school census data. After 2006, these ratios are merged from Indicadores Educacionais

<http://portal.inep.gov.br/indicadores-educacionais>

\*\*\*\*\* In 2005, the Prova Brasil was administered to only a small sample of schools. In 2007, 2009, and 2011 the test was administered to all schools with over 20 students.