



SER Exams: Assessment in the areas of art, physical well-being, coexistence and citizenship in the Capital District of Bogotá, Colombia: contributions to and scope of education policy.

Learning and Teaching in the
Education 2030 Agenda

Santiago - Chile

August 9 - 11, 2016



ALCALDÍA MAYOR
DE BOGOTÁ D.C.

**BOGOTÁ
MEJOR
PARA TODOS**

SECRETARÍA DE EDUCACIÓN

**Bogotá
City of Education**

The bid for peace from the education sector

Development Plan 2016-2020

Train and certify Local Principals and Head Teachers in leadership for processes of educational transformation towards reunion, peace, and reconciliation.

Guarantee the right to education for victims of armed conflict and demobilised populations.



Develop and strengthen social, emotional and citizenship skills so that individuals may recognize one another, respect differences, and participate in democratic life as a foundation of societal transformation.

Build a school environment that favours and promotes healthy coexistence and harmonious relationships between members of the educational community.

Create protective school settings in which different actors care for and contribute to the development of socio-emotional and citizenship skills necessary for the establishment of a city at peace.

4

CLIMA ESCOLAR ARMÓNICO

Cátedra de paz y cultura ciudadana: derechos humanos, resolución de conflictos, memoria histórica, educación global, acoso escolar, y pluralidad y diversidad.

Planes y manuales de convivencia: instrumentos para la construcción de escuelas en paz.

Ruta de atención integral para abordar situaciones que afectan la convivencia.

Encuesta de clima escolar para conocer las percepciones de los estudiantes sobre las relaciones entre pares y las condiciones del entorno escolar.

Pruebas SER de ciudadanía, para conocer el nivel de las competencias ciudadanas de los estudiantes.

Escuelas de padres y madres de familia para apoyar los procesos de aprendizaje de los estudiantes y en especial el afianzamiento de las competencias socio-emocionales y ciudadanas.

Observatorio de Convivencia Escolar para derivar estrategias que contribuyan al mejoramiento del clima escolar.

5

Protective school settings



GENERACIÓN DE REDES

en la comunidad circundante al colegio para cuidar y proteger a los niños, niñas, jóvenes y adultos.



COORDINACIÓN INTERINSTITUCIONAL E INTERSECTORIAL

A nivel distrital y nacional, para responder a las necesidades que tengan los miembros de la comunidad educativa: **estudiantes, docentes, directivos, familias.**

CONSTRUCCIÓN DE TERRITORIOS

para el reencuentro, la reconciliación y la paz.



SER Exams: Background

ASSESS LIFE SKILLS

Relevance of assessing the dimensions of the SER exams beyond the classroom environment to promote the strengthening of skills for good living and training for coexistence and citizenship .

SUPPLEMENTARY TO INTELLECTUAL EXAMS

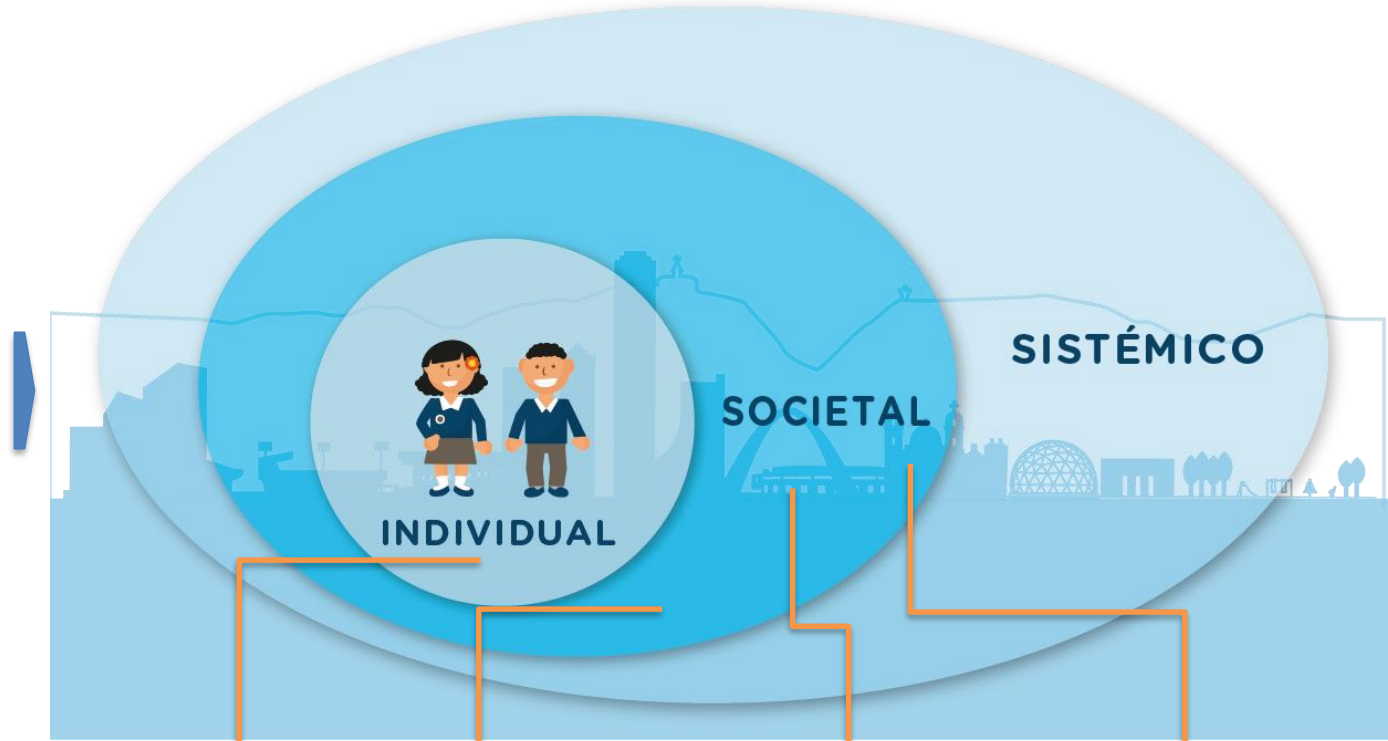
Supplement the evaluation with national SABER exams that evaluate competencies of students in grades three, five, nine, and eleven in the areas of language, mathematics, natural sciences, citizenship skills, and English.
(In grade 11).

COMPREHENSIVE ASSESSMENT INITIATIVES

The Secretariat of Education of Bogotá joined the efforts of the OECD, UNESCO, and the Center for Universal Education (CUE) of the Brookings Institution to measure new dimensions or domains of learning.

SER exams: conceptual foundations

AREAS OF
CITIZENSHIP
BUILDING



SER EXAMS





Citizenship and Coexistence Exam

What does this exam assess?

6 CITIZENSHIP AND COEXISTENCE SKILLS

Necessary for promotion through the education of empowered, creative, critical, and responsible individuals that practise dynamic citizenship and coexistence.

- This exam assesses students at the individual level to act as critical, active, and transformative agents in their environment.
- Through testing with paper and a pencil, with multiple choice questions.
- Two types of questions:
 1. Test question (“let’s see if you can” - AVSP)
 2. Survey question (“answer honestly” - DCS)
- Exam designed by the Universidad de Los Andes, and applied and processed by the Universidad Nacional de Colombia.

1

Citizenship and Coexistence Exam

Citizenship skills assessed

Description

1. IDENTITY

Creation of an individual identity and the ability to recognize and accept the identities of others.

2. DIGNITY AND RIGHTS

Recognition, understanding, valuing, and defence of equality and the creation of rights.

3. DUTIES AND RESPECT FOR THE RIGHTS OF OTHERS

Responsible behaviour before the law and towards others.

4. SENSITIVITY AND EMOTIONAL MANAGEMENT

Ability to fully feel, express, and communicate emotions.

5. MEANING OF LIFE, THE BODY, AND NATURE

Raising awareness of respect for one's own life, that of our peers, and of all living beings that inhabit our universe.

6. PARTICIPATION

Transformation of practices of domination and oppression, allowing individuals to contribute and make decisions.

2

Arts Exam

What does this exam assess?

- Level of acquisition of basic elements of learning in:

DANCE

Mimesis, composition, musicality, among others.

PERFORMING ARTS

Body in movement, vocal expression, imagery-improvisation-situation, among others.

VISUAL ARTS

Technical skills, understanding, and application of formal criteria, expression, communication, and reflection.

MUSIC

Usage of a minimum of knowledge or basic elements of music (rhythmic-melodic organisation) through four axes:
Singing, playing an instrument, listening, and movement.

- Assessing citizenship skills at the societal level
- Exam developed by the Pontificia Universidad Javeriana.

2

Arts Exam

Performing arts, dance, and citizenship skills exam

What does this exam evaluate?

Performing arts

- Awareness: Being and projecting.
- Concentration: Observing and listening.
- Understanding of rhythm.
- Use of space.
- Capacity for creation.
- Written expression.

Dance

- Mimesis.
- Coordination.
- Ability to create and recreate.
- Composition.
- Kinetic ability.
- Synthesis.
- Written expression.

Citizenship and coexistence skills (Societal level)

- Establishment of agreements.
- Solidarity and cooperation activities.
- Respect for cultural repertoires.
- Conflict resolution.
- Promotion of good practices in use of resources (time, materials, space).

2

Arts Exam

Visual arts, music, and citizenship skills exam

What does this exam evaluate?

Visual Arts

- Technical abilities.
- Comprehension and application of formal criteria.
- Expression and communication.
- Reflection.

Music

- Singing.
- Playing an instrument.
- Listening.
- Movement.

Citizenship and co-habitation skills (Societal level)

Collective evaluation through assessment of the way in which students behave and react in situations that test their citizenship skills.

3

Physical Well-being Exam

What does this exam assess?

Physical condition of students and their bodily composition through measurements of:

- Height.
- Weight.
- Body mass index (BMI).
- Waist circumference.
- Standardized physical exams of cardiovascular resistance and strength.

An instrument was also designed to test the following citizenship and coexistence skills at the societal level through recreational activities:

- Joint action.
- Collective and coordinated action.
- Communication to work jointly.
- Reasoning for actions.

This exam was developed by the Universidad del Rosario.

3

Physical Well-being Exam

Height



Waist circumference



Long jump



Weight



Grip strength



Multi-stage fitness test



3

Physical Wellbeing Exam

On whom, when, and how many students was the exam conducted?

Students in grade nine (final year of elementary education) of all official public schools and a sample number of private schools.

Number of students evaluated

| Test | 2014 | 2015 |
|-----------------------------|--------|--------|
| Citizenship and Coexistence | 60,000 | 62,700 |
| Arts * | 18,000 | 20,000 |
| Physical Well-being | 46,000 | 55,000 |

Two pilot tests were conducted:

1. December 2013
2. February 2014.

* In 2014, Dance and Performing Arts exams were conducted; in 2015 Visual Arts and Music exams were applied.

Types of Results

1 Citizenship and Coexistence Exam

Name Citizenship and coexistence index (ICC).

Descriptor Measure of student ability to perform in interactions with other people and things in such a way that their reactions and efforts promote coexistence.

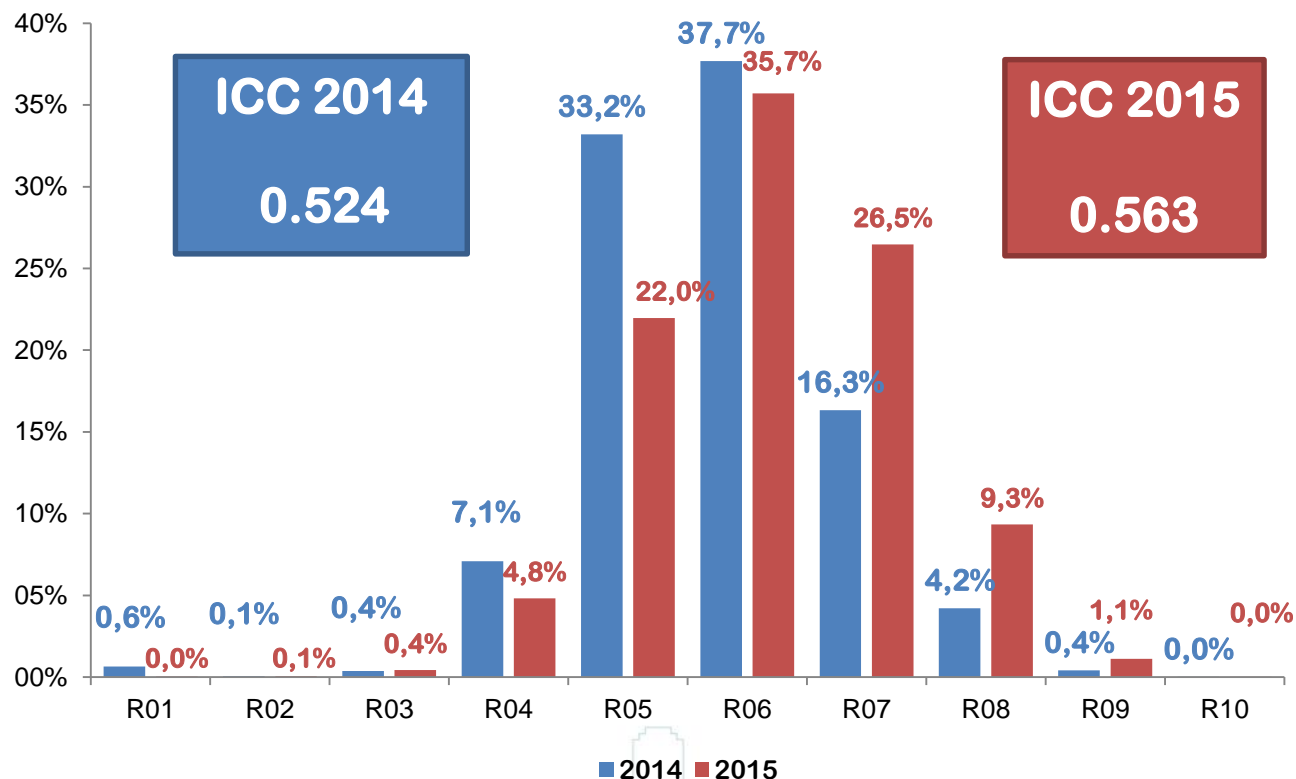
Answers to questions that measure their ability to understand arguments pertaining to situations, their attitudes about them, and their behaviours in response to them.

The result is a simple average of the six abilities assessed. This index is from 0 to 1. A higher value indicates better performance in citizenship skills.

1

Citizenship and Coexistence Exam Results

2014 and 2015 Comparison



Students in the 0.6 range and above:

- 2015
73%
- 2014
59%

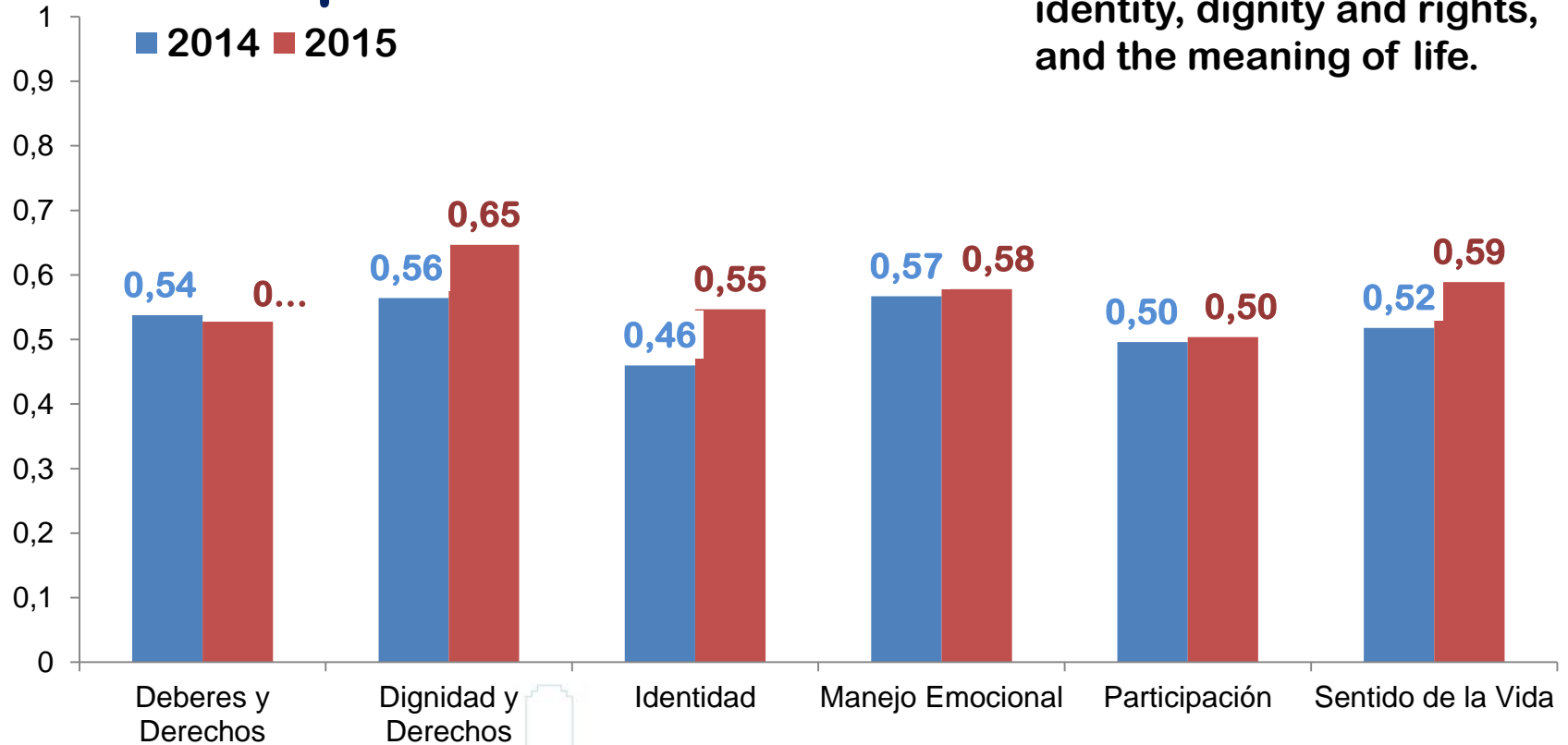
Source: SED / Universidad Nacional (2015). *Skills for citizenship and coexistence According to applications report (2015)*. Bogotá, SED, p. 35.

1

Citizenship and Coexistence Exam Results

2014 and 2015 Comparison

Important growth can be observed in the skills of identity, dignity and rights, and the meaning of life.



Source: SED / Universidad Nacional (2015).

Skills for citizenship and coexistence According to applications report (2015). Bogotá, SED.

Types of Results

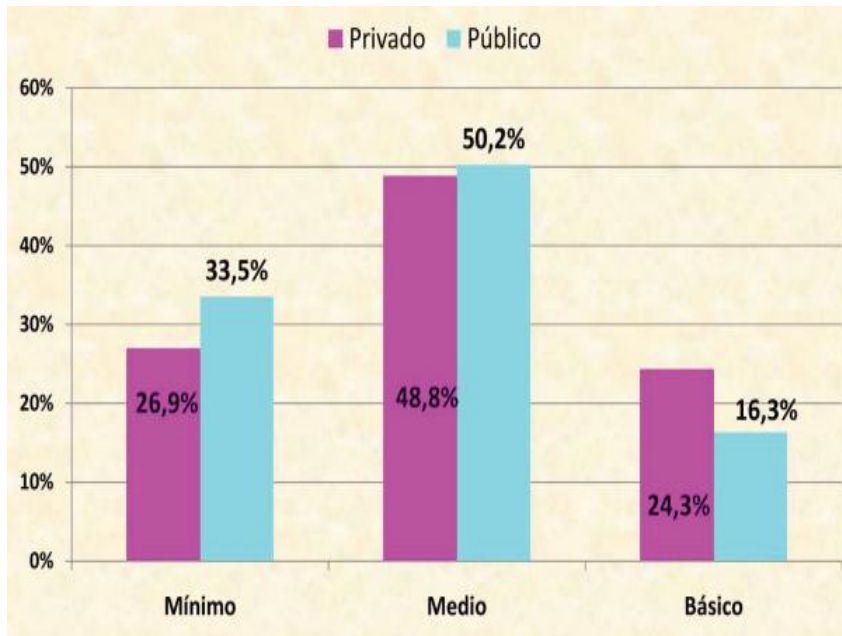
2 Arts Exam

| Name | Percentage of students according to performance level. |
|-------------------|--|
| Descriptor | Minimum Level: Students present a low acquisition of basic elements of learning. Medium Level: Students present a normal acquisition of basic elements of learning. Basic Level: Students present a complete acquisition of basic elements of learning. |

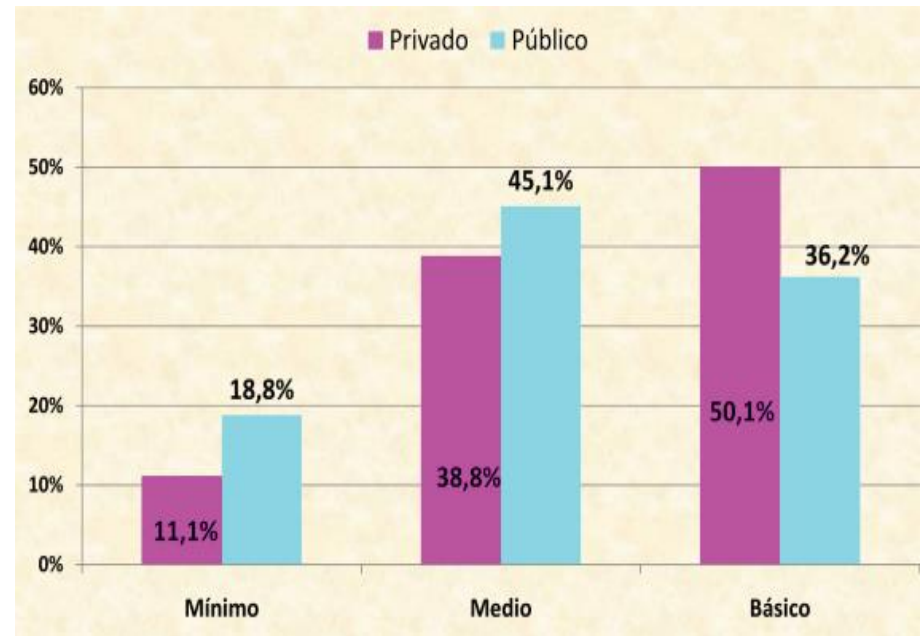
2 Arts Exam

2014 Results

Performing Arts Exam according to school type



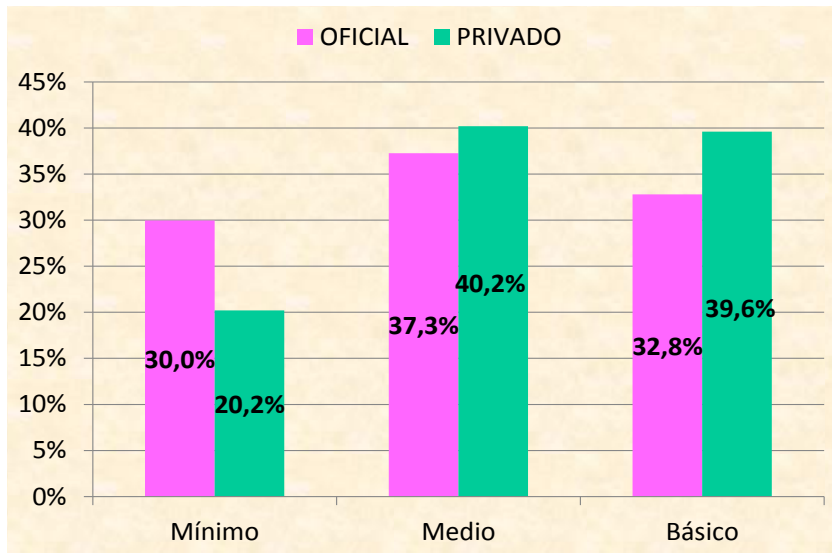
Dance Exam according to school type



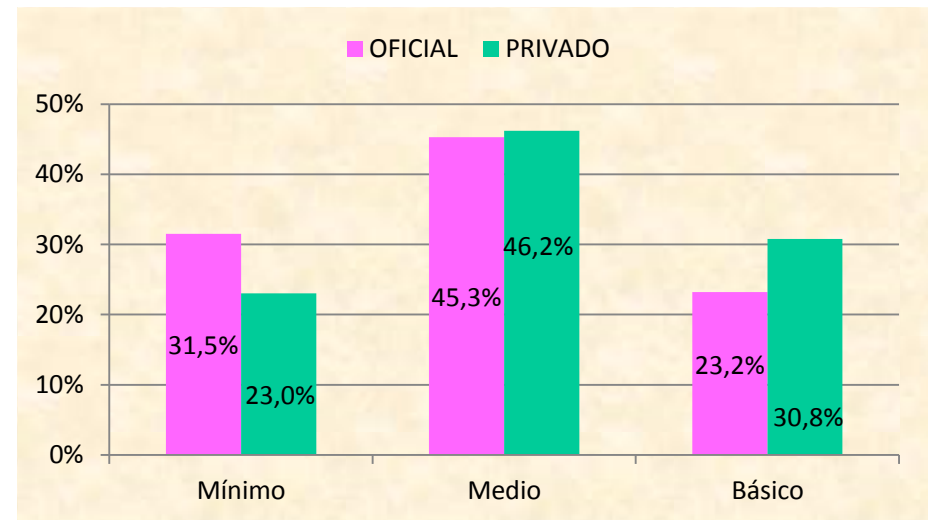
Source: SED / Pontificia Universidad Javeriana (no source). *Dance– performing arts. Citizenship and coexistence skills. Bogotá, SED.*

2015 Results

Visual Arts Exam according to school type



Music Exam according to school type



Source: SED / Pontificia Universidad Javeriana (no source). *Visual arts – music. Citizenship and coexistence skills. Bogotá, SED.*

Types of Results

3 Physical Well-being Exam

Name **Overweight by BMI**

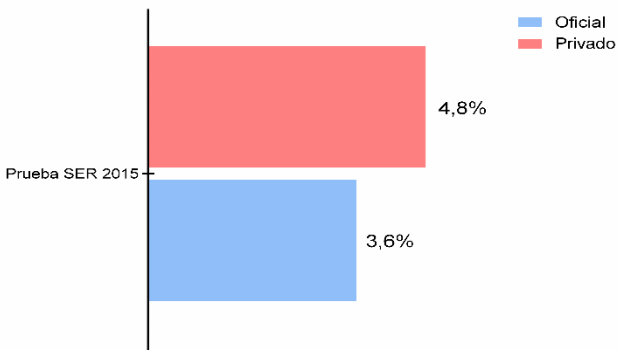
Descriptor Percentage of students with body mass index (BMI) classified as overweight or obese.

Name **Obesity by waist circumference**

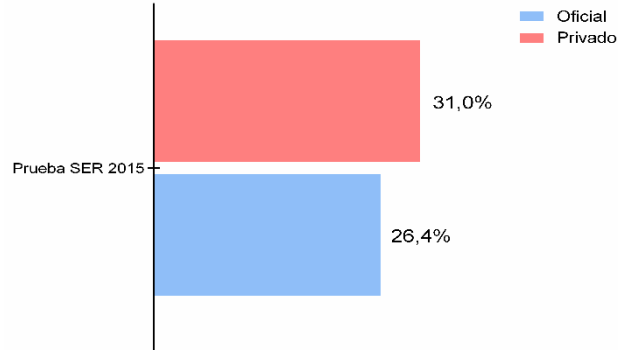
Descriptor Percentage of students considered obese, according to the length of their waistline.

3 Physical Well-being Exam

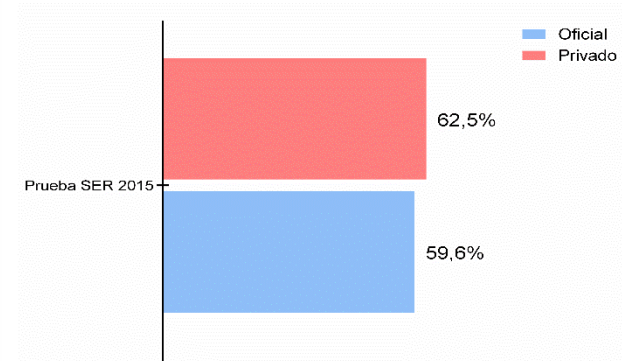
2015 Results



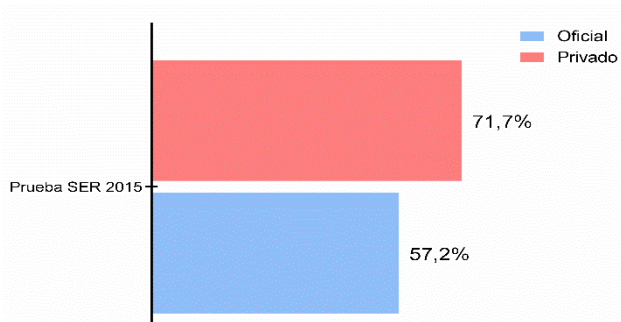
A. Abdominal obesity



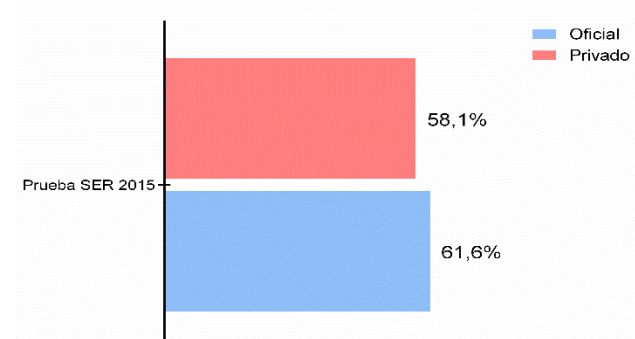
B. Overweight according to BMI



C. Arm strength



D. Leg strength



E. Aerobic abilities

Source: SED / Universidad del Rosario (no source). *Physical wellbeing, citizenship, and coexistence. Bogotá, SED.*

Challenges

Consolidate the assessment of the dimensions of the SER

in particular those related with socio-emotional and citizenship skills:

- *Empathy*
- *Teamwork*
- *Leadership*
- *Conflict resolution*
- *...Among others.*

Strengthen exams

in their psychometric aspects

- Constructs
- Calibration
- Statistics
- Scaling

And production of results

- Points
- Indexes

Through the International Longitudinal Study of Social and Emotional Competencies (OECD).

Consolidate a culture of use of exam results

As a tool for the improvement of school and classroom practices, and coexistence plans.



THANK YOU



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Organización
de las Naciones Unidas
para la Educación,
la Ciencia y la Cultura



Educación
2030



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