

SOS: Supporting Opportunity in Schools

Promoting Educational Equity

Monza, 8 maggio

2017-1-ES01-KA201-037990

Gli indicatori di inclusione

Co-funded by the
Erasmus+ Programme
of the European Union



Gli indicatori di inclusione



1 *Inclusione ed equità*

2 *Gli indicatori: definizione e caratteristiche*

3 *Gli indicatori di inclusione ed equità*

4 *Software per indicatori*

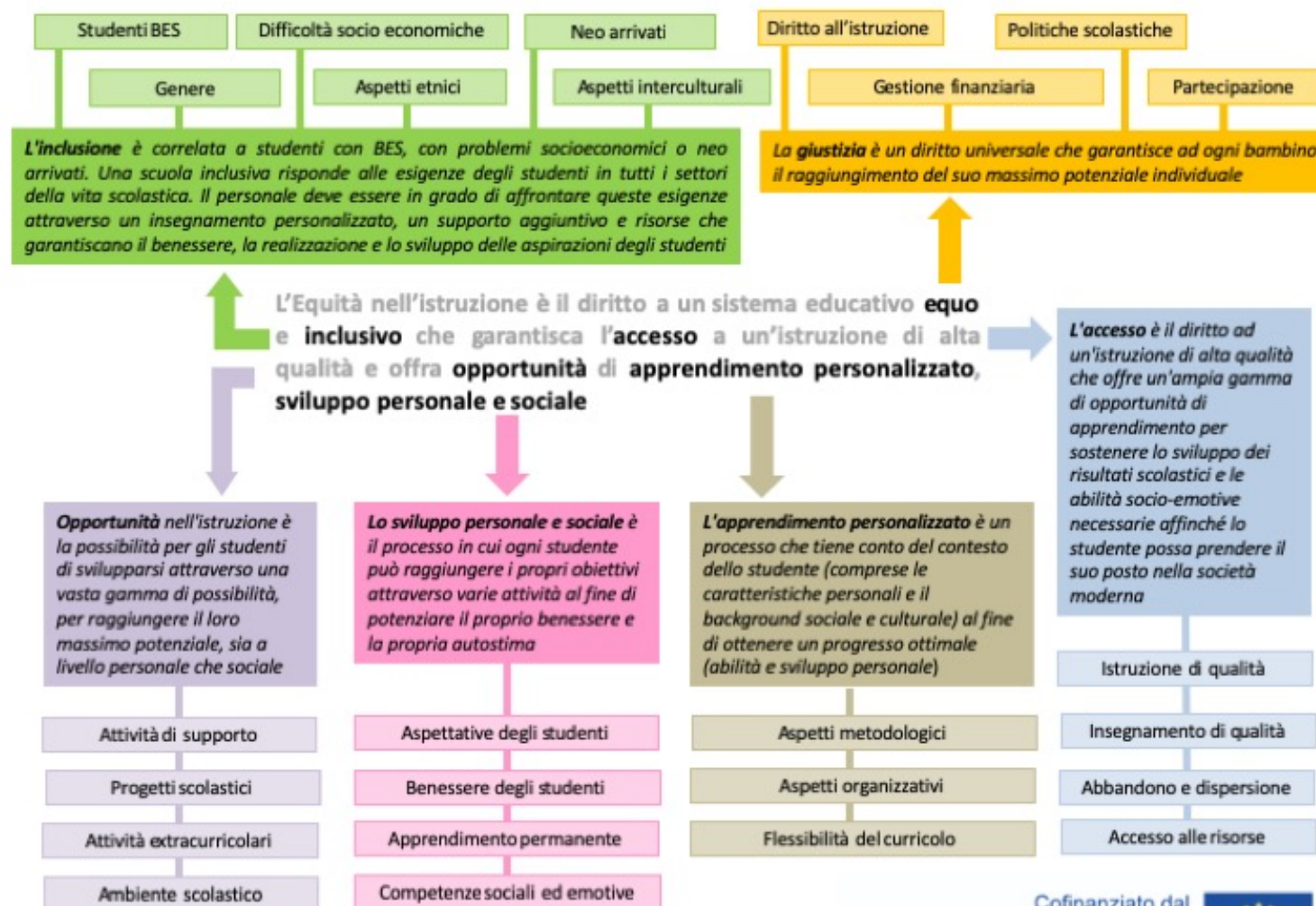


1 *Inclusione ed equità*

Cos'è l'inclusione?

Cos'è l'equità?

1 Inclusion e equità



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Cofinanziato dal
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2 Gli indicatori: definizione e caratteristiche



POCHI
MISURABILI
AFFIDABILI
SIGNIFICATIVI
COMPARABILI
FACILI

2 Gli indicatori: definizione e caratteristiche

Un **INDICATORE** è una descrizione semplificata, ma concreta, della realtà (manifestazioni osservabili o misurabili) che associa diverse componenti significative o variabili con una regola o una formula, che può essere quantitativa o qualitativa.

Un **INDICE** è un insieme di indicatori, che si riferiscono a realtà simili che, se integrate, descrivono realtà più ampie o complesse.

Un **TASSO** è una misura, quantità o frequenza, solitamente una misurazione rispetto ad un'altra quantità o misura.

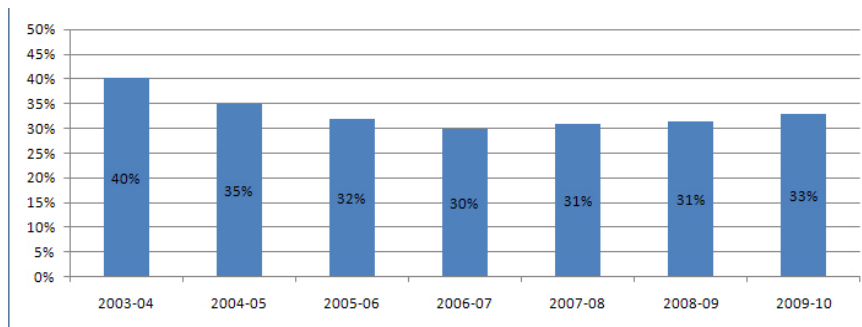
2 Gli indicatori: definizione e caratteristiche

Un **TASSO** è una misura, quantità o frequenza, tipicamente una misurazione rispetto ad un'altra quantità o misura.

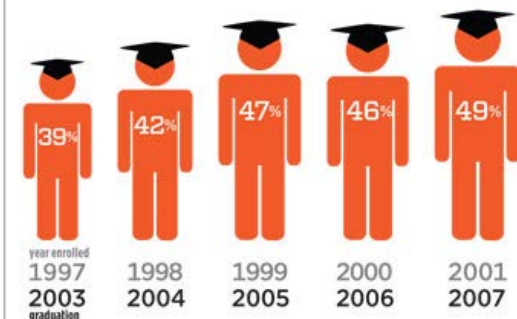
Esempio Educativo

Tasso di abbandono

Tasso di laureati



SIX-YEAR GRADUATION RATES



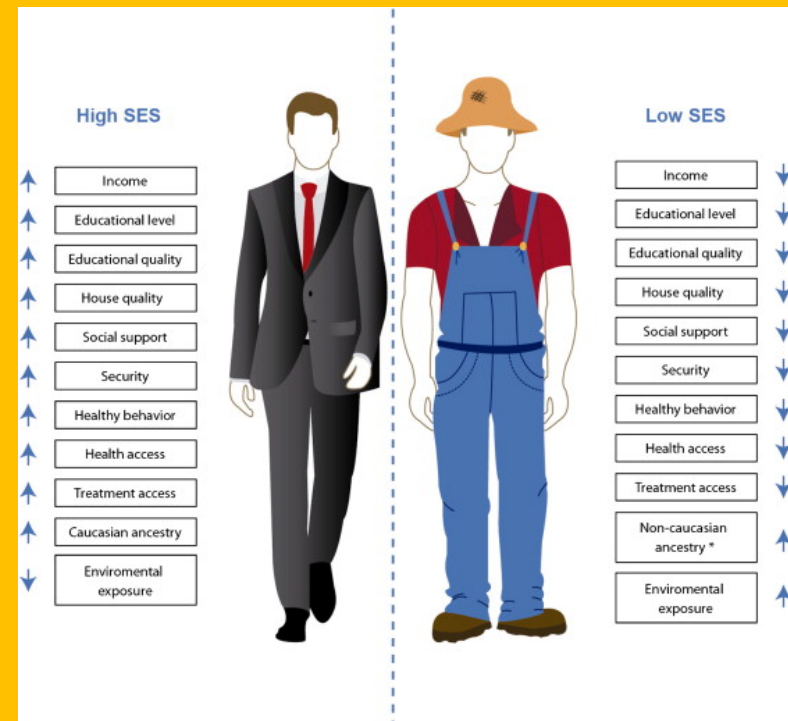
2 Gli indicatori: definizione e caratteristiche

Un **INDICE** è un insieme di indicatori che si riferiscono a realtà simili che, se integrate, descrivono realtà più ampie o complesse.

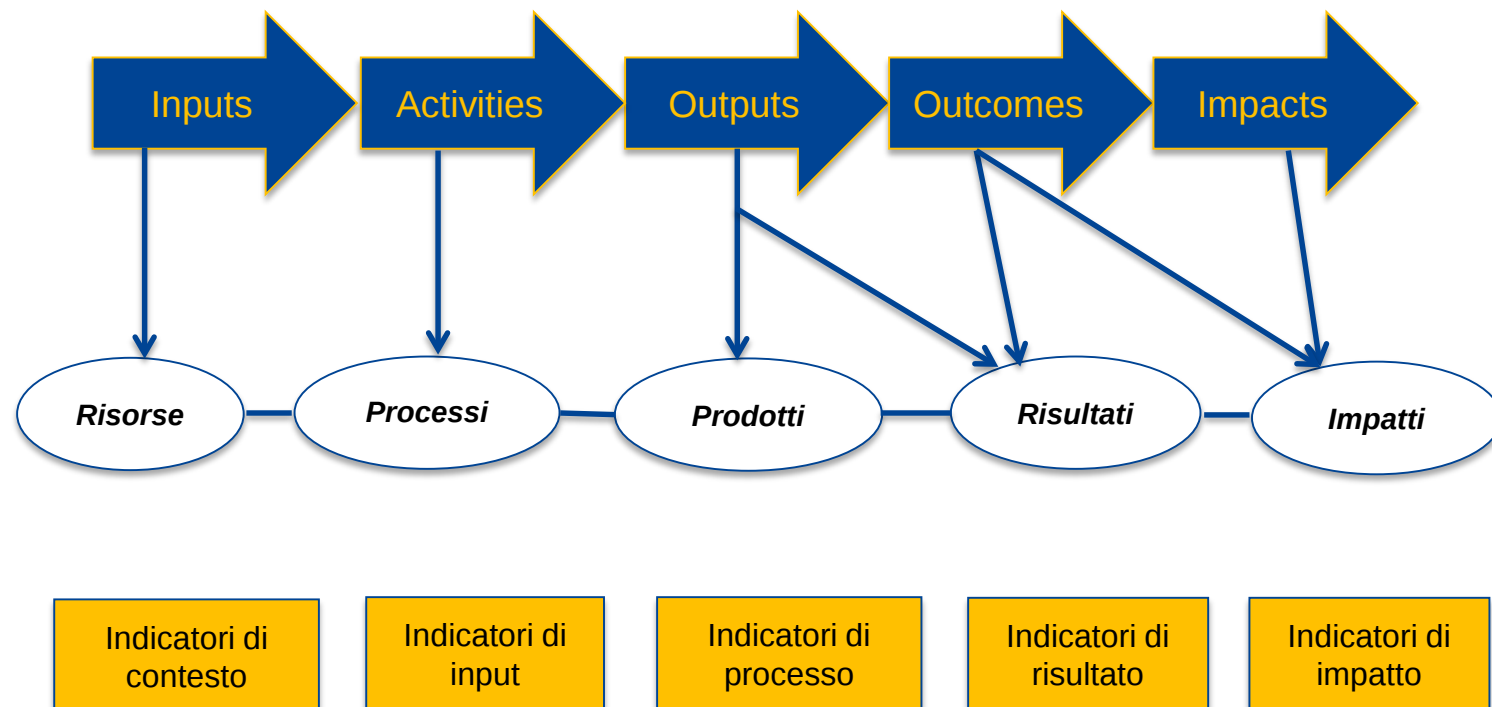
Esempio Educativo

Indice socioeconomico
delle famiglie

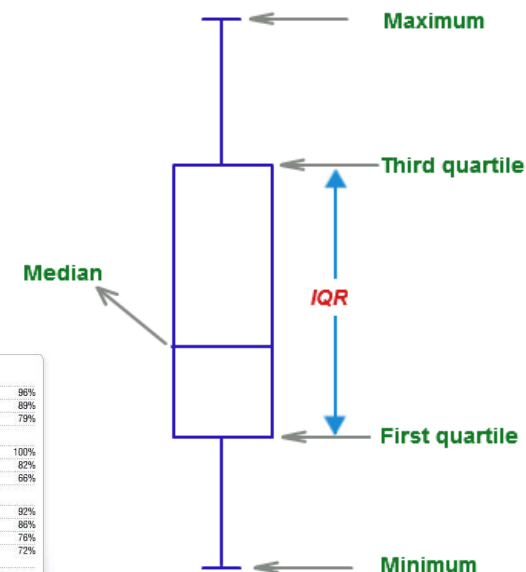
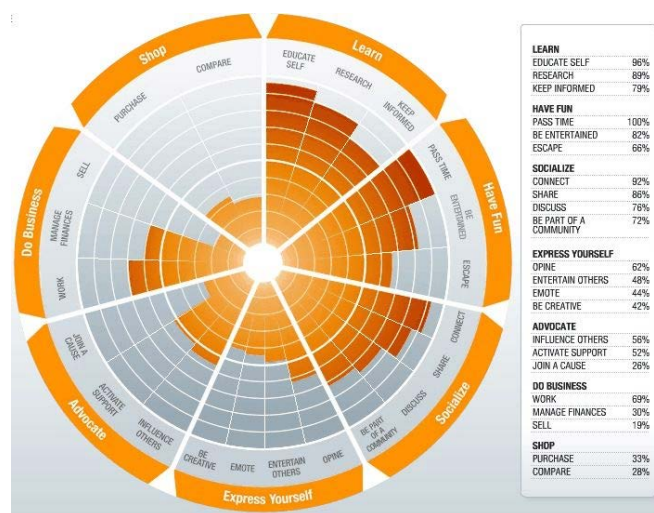
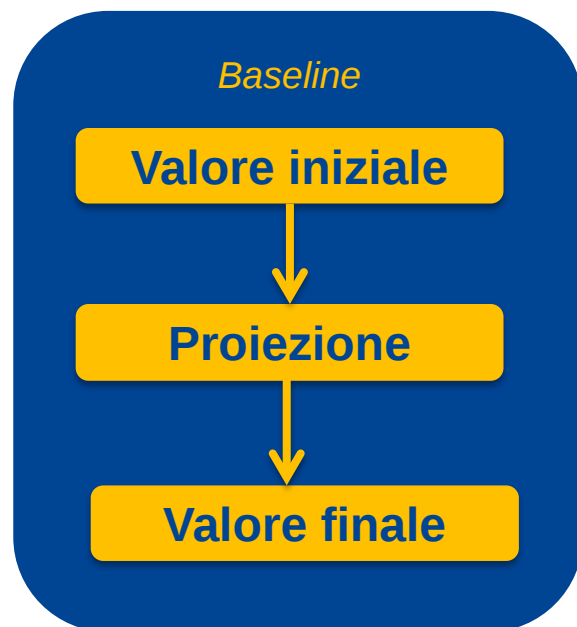
Indice di clima
scolastico



2 Gli indicatori: definizione e caratteristiche



2 Gli indicatori: definizione e caratteristiche



	Curs (mitjana)	Valor	0%	25%	50%	75%	100%
Índex d'alumnes de nacionalitat estrangera	2014-15 (37,597%)	96,85%					
	2013-14 (37,621%)	45,77%					
	2012-13 (39,038%)	93,33%					
	2011-12 (38,686%)	92%					
	2010-11 (%)	%					

3 Gli indicatori di inclusione ed equità

Indicatori di contesto

- Tasso stabilità docenti
- Tasso mobilità alunni
- Tasso alunni BES^{*+}
- Tasso alunni difficoltà socio-economiche^{*+}
- Tasso alunni rom^{*+}
- Tasso alunni stranieri^{*+}
- Tasso alunni madrelingua non ufficiale^{*+}
- Tasso alunni con genitori istruzione bassa^{*}
- Tasso alunni basso rendimento^{*}
- Tasso alunni frequenza asilo nido
- Tasso alunni difficoltà apprendimento^{*}
- Tasso alunni accesso internet

Indicatori di input

- Rapporto alunni/insegnanti
- Rapporto alunni/personale non docente
- Ore insegnamento

Indicatori di risultato

- Tasso assenteismo^{*}
- Tasso ripetizione^{*}
- Tasso dispersione

Indicatori di impatto

- Tasso di diplomati
- Tasso abbandono
- Tasso idoneità
- Aspirazioni professionali
- Differenze nelle aspettative scolastiche
- Percezione clima scolastico
- Disparità nei risultati
- Efficacia della scuola

***Indicatori di rischio
+Disaggregazione**

3 Gli indicatori di inclusione ed equità

INDICATOR	Inequalities in Schooling Expectancy
TYPOLOGY	Complex indicator (outcome)
DESCRIPTION	Inequalities in schooling expectancy of 15-year-old students
FORMULA	-Percentage of students of the school at each level (described below). -Inequality is the difference between the global percentage of the school and the segmented groups (see aggregation/segmentation variables).
DEFINITION	Schooling expectancy corresponds to the expected achievement level of education over a lifetime of 15-year-old students
SPECIFICATION	The information is collected through a survey to 15-year old learners with the following question: Choose one option: -I think that I will not get an upper-secondary diploma -I think that I will get an upper-secondary diploma -I think that I will start higher education (university studies...)
POPULATION	15-year-old students
INFORMATION COLLECTION	Digital survey
DATA ORIGIN	School
DOCUMENT COLLECTION	Questionnaire to students
COLLECTION FREQUENCY	Annually
SEGMENTATION/AGGREGATION VARIABLES	-Answers are quantified in global percentage per each level of education. -Answers are segmented according to gender, special educational needs, low incomes, foreign origin, Roma students and students with non-official family language
FORM OF REPRESENTATION	Bar graph with levels of education (aggregated and segmented)
NATIONAL INFORMATION	Check if this information is collected at national level
INTERNATIONAL INFORMATION	The European Union collects some data on schooling expectancy with a different formula. More information at https://data.europa.eu/euodp/data/dataset/TVLmNojJUPH340YUmZEnA The number of expected years of education can be checked at http://world.bymap.org/SchoolLifeExpectancy.html
REMARKS	UNESCO uses "School Life Expectancy" as number of years of education. http://uis.unesco.org/node/334791

4 Software per indicatori



Sito web

euschoolequity.org

Intellectual Outputs

The screenshot displays the SPINAS web application interface. On the left, a sidebar menu lists various sections: 'login', 'INDICATORS', 'COMPANY INDICATORS', 'COMPANY', 'INDICATORS', 'COMPANY INDICATORS', 'COMPANY', 'INDICATORS', 'COMPANY INDICATORS', 'COMPANY', 'INDICATORS'. The main content area is titled 'INDICATORS CONTEXT' and shows a list of indicators with their descriptions and data entry fields. The indicators listed are:

- 1. IND - Rate of teacher stability
- 2. IND - Rate of students mobility
- 3. IND - Rate of male students
- 4. IND - Rate of female students
- 5. IND - Rate of students with special educational needs
- 6. IND - Rate of students with low income

Each indicator has a corresponding data entry field and a description. The description for indicator 1 is:

INDICATOR Rate of teacher stability
INDICATOR Indicator
INDICATOR Rate of teacher stability
DESCRIPTION Indicator of teacher stability in the school context. It is calculated as the ratio between the number of teachers who have remained in the school for at least one year and the total number of teachers in the school.
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4 Software per indicatori

The screenshot shows the ERASMUS software interface. On the left is a blue sidebar with navigation options: LogOut, SIMPLE - INDICATORS, CONTEXT, RESOURCES, OUTPUTS, OUTCOMES, COMPLEX - INDICATORS, EQUITY, and REPORT. The main area is divided into three sections: INDICATORS CONTEXT, ANNUAL - GRAPH, and EVOLUTION - GRAPH. The 'INDICATORS CONTEXT' section lists six indicators with their respective values in input fields:

- 1. I001 : Rate of ... (20)
- 2. I002 : Rate of students mobility (7)
- 3. I003 : Rate of male students (45)
- 4. I004 : Rate of female students (55)
- 5. I005 : Rate of students with special educational needs (50)
- 6. I006 : Rate of students with low incomes (30)

Below these are sections for INDICATORS : I007 - I012 and INDICATORS : I013 - I018, each with a 'SAVE' button. The 'ANNUAL - GRAPH' section is highlighted with a red box labeled 'Grafici'. The 'EVOLUTION - GRAPH' section is highlighted with a red box labeled 'Anno scolastico'. The 'COMMENTS' section is highlighted with a red box labeled 'Descrizione indicatore'. The 'DESCRIPTION' section on the right contains a table with the following data:

INDICATOR	Rate of teacher stability
TYPOLOGY	Context Dimension: Fairness
DESCRIPTION	Rate of teacher stability
FORMULA	(Number of teachers who stay in the same school continuously since time A / Total number of teachers in time B) * 100 Time A = last 3 school courses Time B = last school course
DEFINITION	Percentage of teachers attending the same school / institution (e.g., a school, district, or state) during a given period of time. Time period: The last 3 school courses
SPECIFICATION	This indicator may also be used as a measure of school climate.
POPULATION	All teachers in the school.
INFORMATION COLLECTION	Information from a record in the registration. According to each school / each school must specify
DATA ORIGIN	According to each country / each country must specify
DOCUMENT COLLECTION	Document where information is collected.
COLLECTION FREQUENCY	One academic year. More stable measures can be constructed by averaging multiple years of this indicator.
SEGMENTATION VARIABLES	-
FORM OF REPRESENTATION	Current course results and data from previous years.
NATIONAL INFORMATION	According to each country / each country must specify .. SIC in Catalonia
INTERNATIONAL INFORMATION	Organization's Stability Rate is related to the equity.
REMARKS	Socio-economically disadvantaged schools are more subject to teacher turnover and therefore to team instability. https://www.erasm-llibrary.org/education/effective-teacher-policies-8799264301603-ml:seesiorid-h08FFCba0118a0y800v9P-ig-10-240-0-132

On the left sidebar, the 'Indicatori' section is highlighted with a red box labeled 'Indicatori'. The 'Dati' section is highlighted with a red box labeled 'Dati'.

4 Software per indicatori



**Se non si misura,
Non si può migliorare ...**

Quello che non migliora, rende peggiore.

William Thomson, Lord Kelvin

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