



External evaluation and statistical indicators: InfoEscolas and graduate tracking

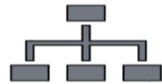
Joana Duarte
Patrícia Pereira
DGEEC

What is DGEEC and what do we do?

→ **DGEEC is a central service of the State's direct administration, with administrative autonomy under the Ministry of Education, Science and Innovation;**



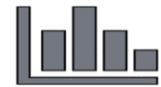
Collection, monitoring, processing, production and dissemination of statistical information in the areas of education and science;



Technical support for policy formulation and strategic and operational planning;



Evaluation of the results obtained by the educational, scientific and technological systems, in conjunction with other services in the government areas of education, science and innovation



Delegate body of the National Statistics Institute (INE) for the production of official statistics on the educational, scientific and innovation systems.



REPÚBLICA
PORTUGUESA

EDUCAÇÃO, CIÊNCIA
E INOVAÇÃO

DGEEC

DIREÇÃO-GERAL DE ESTATÍSTICAS
DA EDUCAÇÃO E CIÊNCIA



InfoEscolas



<https://infoescolas.pt>

InfoEscolas portal provides statistics for primary and secondary education in mainland Portugal



Covers around **1 175 000 students enrolled** in more than **5 000** public and private schools;



Includes statistics for the **1st, 2nd and 3rd cycles of basic education (ISCED 1,2)** and **for general education and vocational courses** in secondary education (**ISCED 3**);



Started with 9 indicators (5 context indicators and 4 on results) in the 1st edition in 2014, and between 2016 and 2022 there will be a **total of 98 indicators/ functionalities**;



Statistics by school, school clusters, and regions: **NUTS II, NUTS III**, district, municipality;



The **reference period** for most of the figures is the **2021/22** school year, although for the indicators based on **national exams is the 2022/23**;



The source of information is the data reported by schools through the Ministry of Education, Science and Innovation's information systems and the National Secondary/Basic School Exams (ENES/ENEB), compiled by the National Exams Jury (JNE).

BASIC AND SECONDARY EDUCATION STATISTICS

 Regional Statistics



Info ESCOLAS
School Statistics

- 1st Cycle
- 2nd Cycle
- 3rd Cycle
- Secondary



BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

 Regional Statistics

 School Statistics

Search School with 3rd Cycle



Regions:

--- NUTSIII ---



or

--- Distrito ---



Regions:

--- Município ---



Public and private

Public clusters schools

Search by name 

Search

Cancel

Delete



BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

Regional Statistics

School Statistics

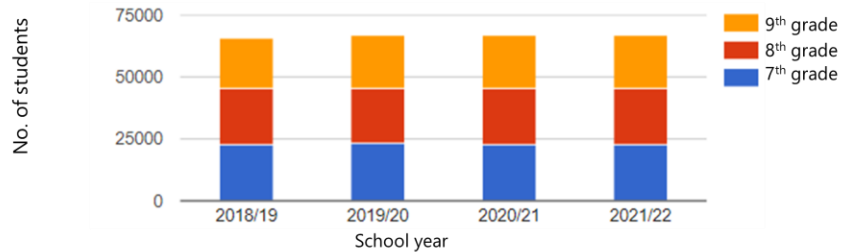
NUTSII: Grande Lisboa

226 schools with students enrolled in the 3rd Cycle of General and Artistic Basic Education in the 2021/22 school year.

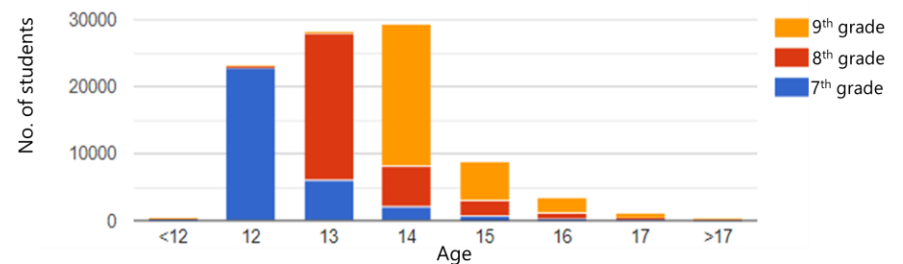
Note: this region also has students enrolled in other types of education.

District/ **NUTS / Municipality** Grande Lisboa ▼

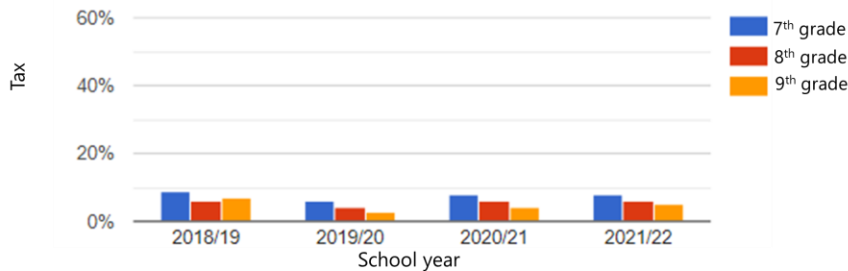
Number of students enrolled



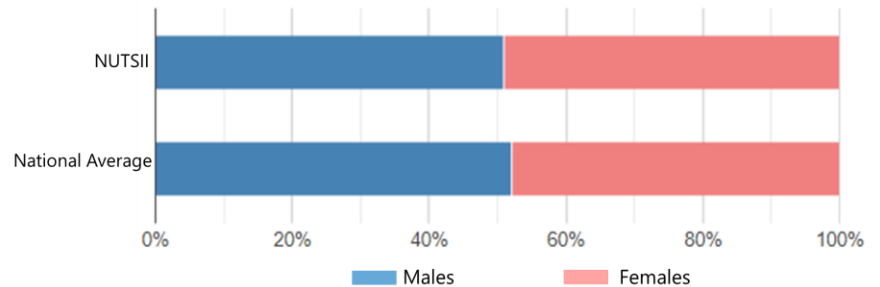
Students by age



Students retention or desistance rate



Students by sex





BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

Regional Statistics

School Statistics

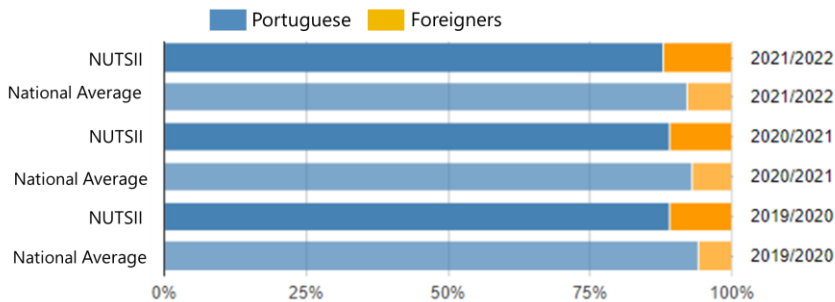
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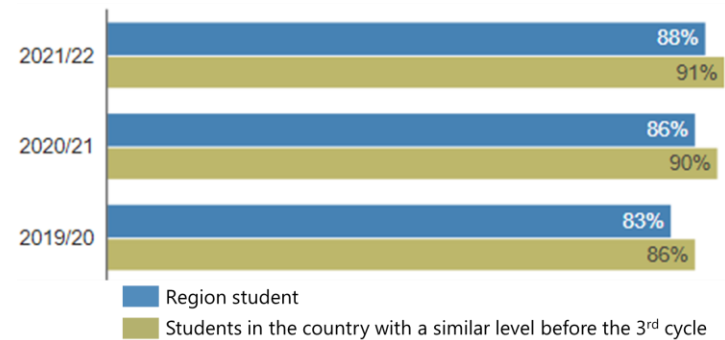
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District/ **NUTS / Municipality** Grande Lisboa ▼

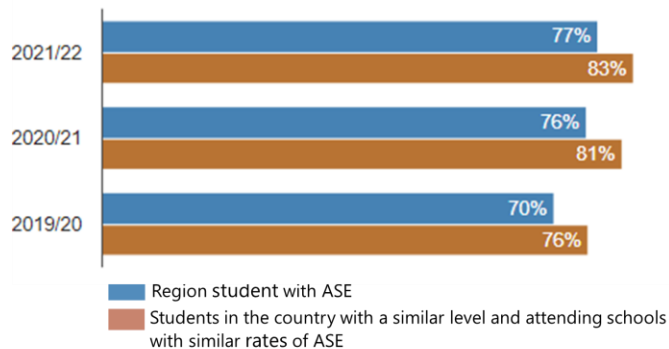
Students by nationality ⁱ



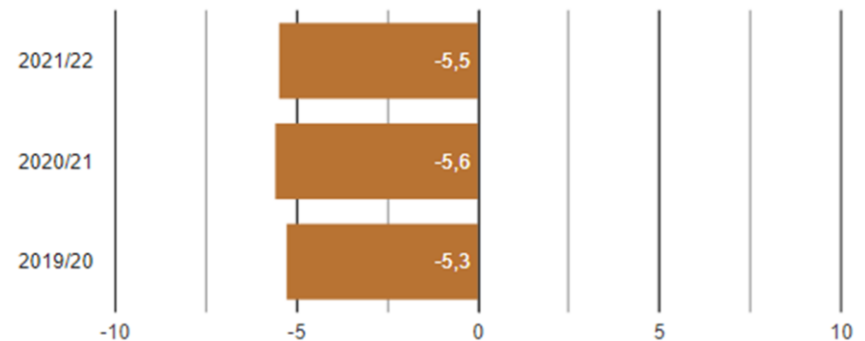
Rate of students completing the 3rd cycle in three years ⁱ



Rate of students with school social support (ASE) that complete the 3rd cycle in three years ⁱ




Equity indicator ⁱ



BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

 Regional Statistics

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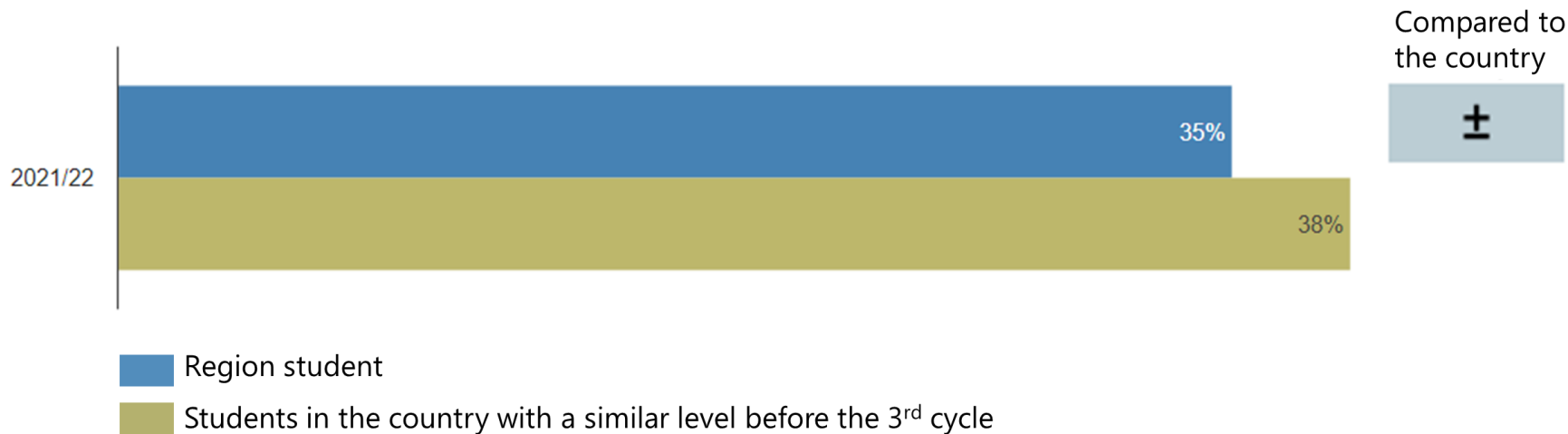
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District/ **NUTS / Municipality** Grande Lisboa ▼

Direct pathways to success




BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

School A

 Regional Statistics

 School Statistics

Statistics by subject (final exams)

Mathematics – 3rd cycle
(190 exams in 2023)

Portuguese – 3rd cycle
(188 exams in 2023)

Statistics by subject (other exams)

Geography – 8th grade
(157 exams in 2023)

History – 8th grade
(157 exams in 2023)

Portuguese – 8th grade
(153 exams in 2023)

Sport – 8th grade
(152 exams in 2023)

Arts – 8th grade
(195 exams in 2018)

Mathematics - 8th grade
(195 exams in 2018)

School statistics

BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

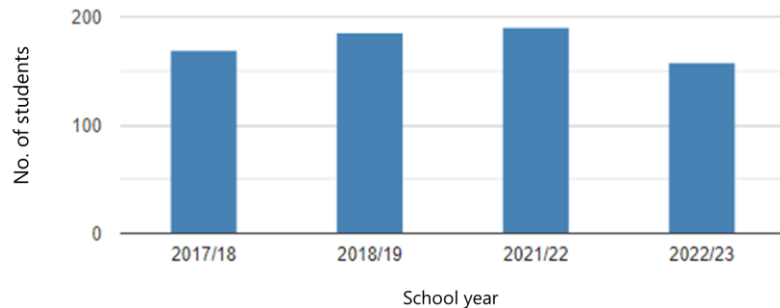
CHOOSE SCHOOL ▼

Regional Statistics

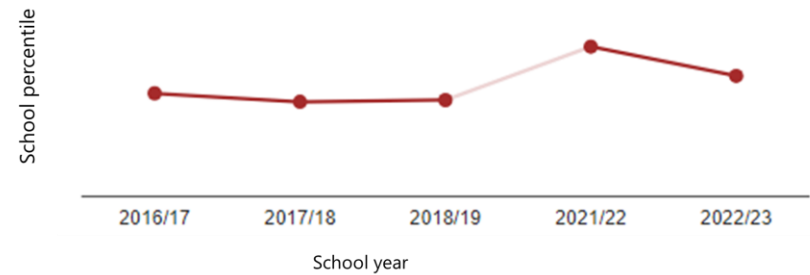
School Statistics

School A

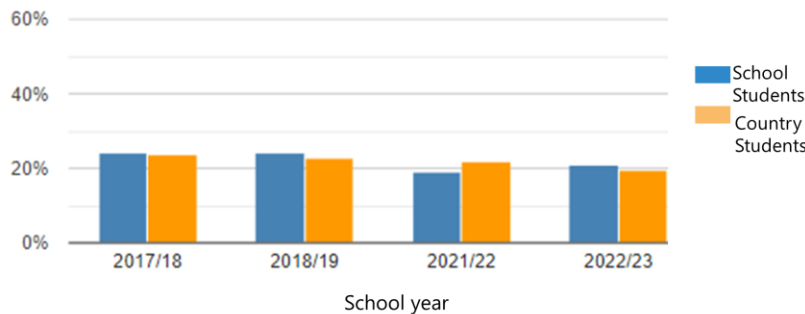
Number of students realized this exam ⁱ



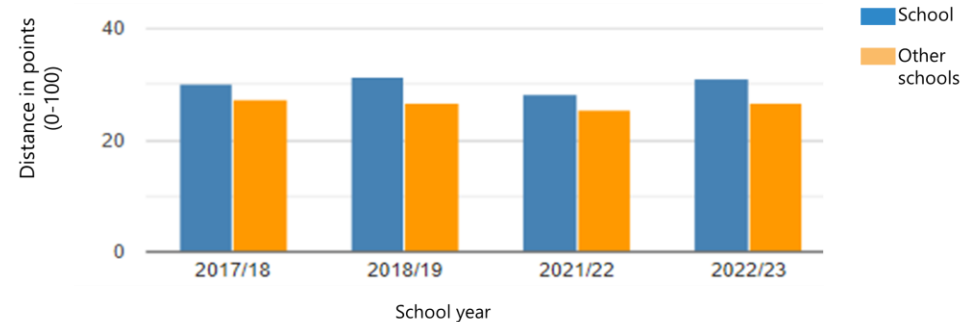
Evolution of the school's national percentile, measured by the average classification of its students ⁱ



Which percentage of the students who took the exam were over 14 years old? ⁱ



Inequalities in results within schools: average distance between students in terms of exam scores ⁱ



BASIC EDUCATION STATISTICS

3rd Cycle – General and Artistic

CHOOSE SCHOOL ▼

Regional Statistics

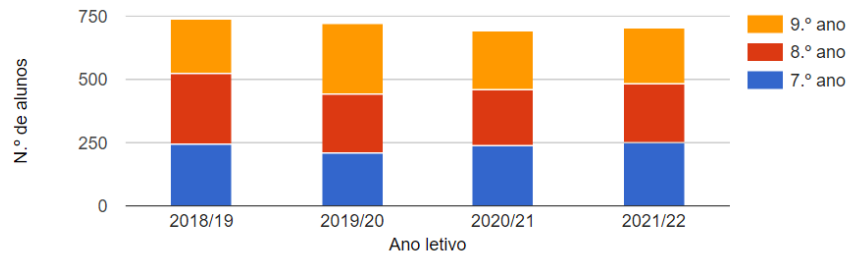
School Statistics

School B

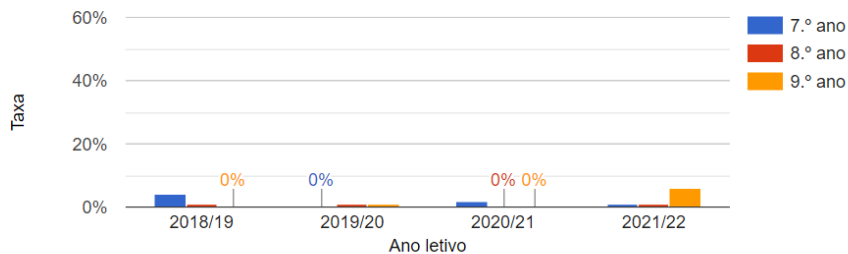
Relatório de avaliação externa

Projetos/Selos

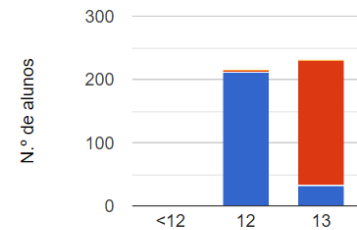
Quantos alunos tem o agrupamento? ⓘ



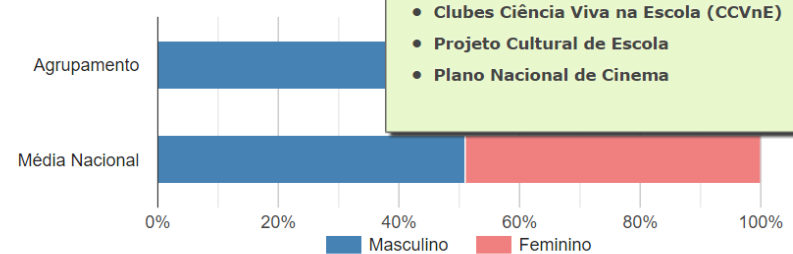
Taxa de retenção ou desistência dos alunos do agrupamento ⓘ



Distribuição dos alunos do agrupamento



Distribuição dos alunos do agrupamento



Lista de projetos/selos vigentes na escola:

- Clube de Programação e Robótica (CPR)
- Rede Nacional de Clubes Europeus
- Selo Escola Saudável - NÍVEL III - AVANÇADO
- Desporto Escolar
 - Andebol
 - Badminton
 - Desportos Adaptados
 - Futsal
 - Padel
 - Patinagem
 - Voleibol
 - DE Escola Ativa
- Clubes Ciência Viva na Escola (CCVnE)
- Projeto Cultural de Escola
- Plano Nacional de Cinema

InfoEscolas: Restricted school area

The screenshot shows the login interface for the 'BASIC AND SECONDARY EDUCATION STATISTICS' section of the InfoEscolas portal. On the left, a hand is shown pointing towards a key hanging from a string among several other keys. In the center, there is a yellow rounded rectangle containing a login form with three input fields: 'User', 'Password', and 'Enter'. On the right, there is a bar chart with four bars of increasing height, colored yellow, green, blue, and red, with a white arrow pointing upwards and to the right.

Follow-up studies, global data on the socio-economic context of the school, school cluster; asymmetries between classes.

GRADUATE TRACKING



SAFECENTER

A safe room in which researchers can access and work on data in the areas of Education, Higher Education, Science and Innovation for research purposes, guaranteeing compliance with current legislation on confidentiality and data protection.

Who uses the data for research?



RESEARCHERS



**HIGHER
EDUCATION
STUDENTS**



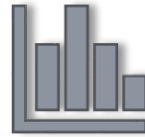
**DGEEC
TECHNICIANS**

SAFECENTER: what data is available on DATADGEEC?



Primary and Secondary Education Statistics

- ✎ 14 years and around 23.000.000 student records;
- ✎ 10 years and around 1.100.000 teaching staff records;
- ✎ 10 years and around 670.000 non-teaching staff records;
- ✎ Observatory of secondary school students' paths (OTES): 23 statistical operations and around 855.000 student records.



Higher Education Statistics

- ✎ 12 years and around school years and around 4.500.000 records of enrolments and graduates;
- ✎ 10 academic years and around 350.000 teaching staff records.



Science and Technology Statistics

- ✎ 17 years and around 880.000 records of researchers in institutions;
- ✎ 17 years and around 40.000 records of researchers in companies;
- ✎ 6 statistical operations and around 74.000 records of doctoral graduates

OTES: surveys that allows longitudinal analysis

School years	1. st year	2. nd year	3. rd year	Post-secondary		
Academic year	2007/08		2009/2010		2011	
			2008/2009		2010	
	2010/11		2012/2013		2014	
			2011/2012		2013	
	2013/14		2015/2016		2017	
			2014/2015		2016	
	2016/17		2018/2019		2020	
			2017/2018		2019	
			2020/2021		2022	
	2022/23		2023/2024			
Students starting the secondary education			Students at the end of secondary education		Youth in post-secondary education	
Applied to all students enrolled in the 1. ^o year of upper secondary school			Applied to all students enrolled in the last year of upper secondary school		Applied 14 months after the conclusion of upper secondary school	

EUROGRADUATE:

- Is part of the European Graduate Tracking Initiative of the European Commission.
- Addresses the need for comparable and high-quality measures and data on graduates of the European education systems.
- The specific goal is the creation and implementation of a regular, comprehensive, comparable and longitudinal European data collection on higher education graduate.
- The project pursues to monitor educational pathways of graduates, how they evaluate their study experiences, and how that translates into their professional careers and lives as European citizens.
- In the European pilot survey of higher education graduates 'EUROGRADUATE Survey 2022' the number of participating countries has increased from 8 to 18, now covering more than half of the countries in the European Economic Area.
- Portugal joined this project in 2022, with 'Graduate Tracking Portugal 2022'.

Muito obrigada!

Click here to access:

InfoEscolas



EUROGRADUATE



OTES



Transition from
secondary
to higher education



Follow us on Social Media:



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