



INSTITUTO NACIONAL DE ESTADÍSTICA



Would you like to take part in a European Statistics Olympics!?

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Workshop on Statistical Data Dissemination and Communication



European Statistics Olympics

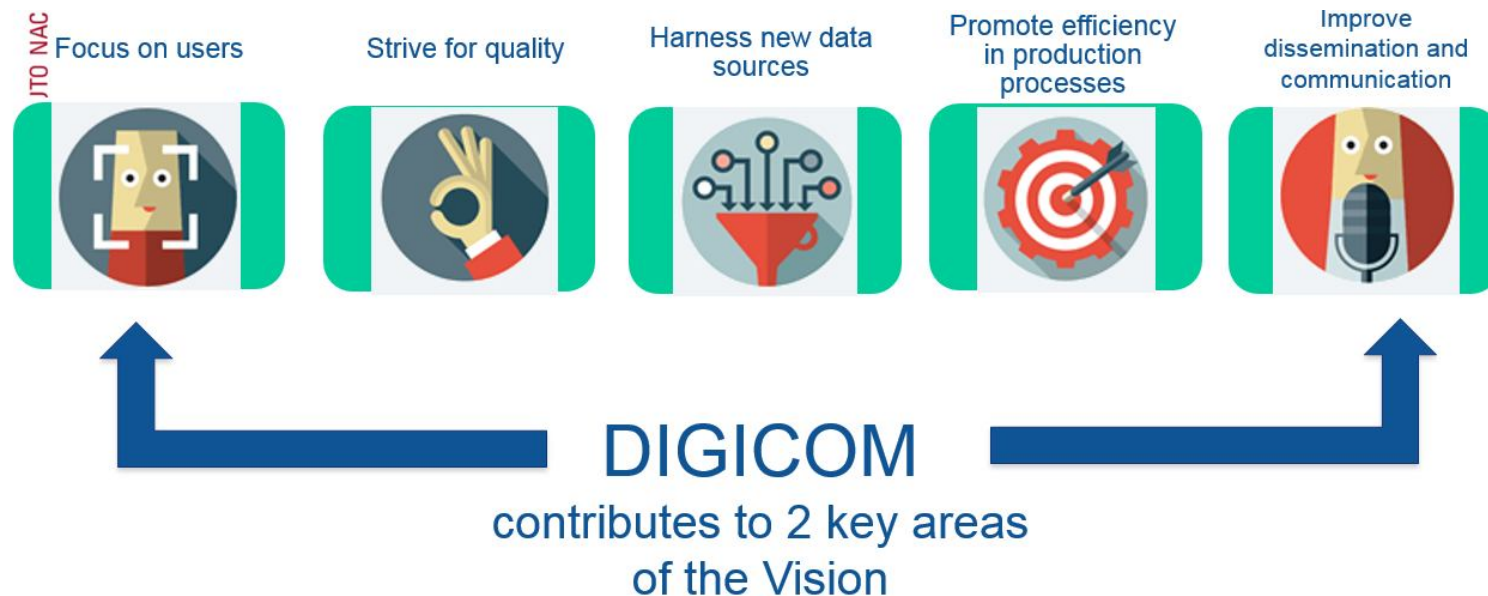
Why



ESS Vision 2020



A **common strategic response** of the European Statistical System to the **challenges** that official statistics are facing



European Statistics Olympics

What



What is European Statistics Olympics (ESO)?

It is an **award** competition in statistics, which aims to:

- promote curiosity and **interest in statistics**
- encourage teachers in the **use of new materials** (by promoting the use of real data)
- show the **role of statistics** in various aspects of society
- promote teamwork and collaboration.

based on a successful practice conducted by **INE-Spain**.

organized by Eurostat and volunteering NSIs

keep an eye on the ball!



European Statistics Olympics

For whom



European Statistics Olympics

For whom

Aimed at teenagers (14 to 18 years)

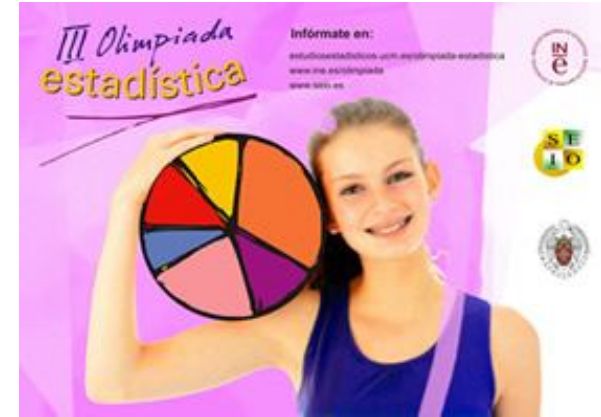
Two categories depending on the age group:

- 1) last two years of compulsory education (14 – 16)
- 2) last two years of high school (16 – 18)

Starting from scratch



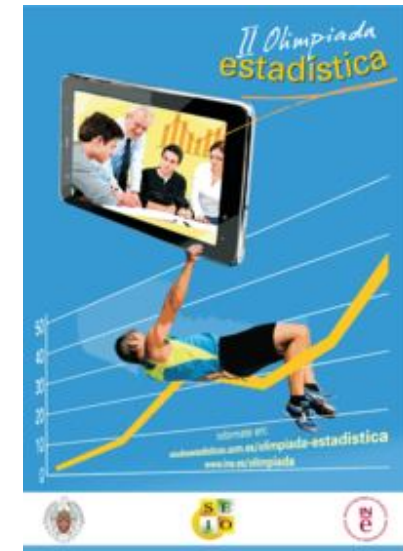
European Statistics Olympics



Groups

from 1 to 3 students

a teacher that acts as a tutor
(orientate, not collaborate)



European Statistics Olympics

How





European Statistics Olympics (ESO)

2 parts:

1. **the national competition (local language)**
2. **the European final (English).**

The finalists of the national competition of each country will take part in the European final.

to kick off: on European Statistics Day (20 October 2017)



European Statistics Olympics

1) National Competition (INE example)

2 Stages:

1) **Quiz:** 3 online tests about statistics

1st test- 10 questions about statistical concepts (two version of this test, one per category)

2nd test: 10 questions about statistical figures

3rd test: 10 questions about a number of statistical reports

Around 15 days to complete the 1st stage

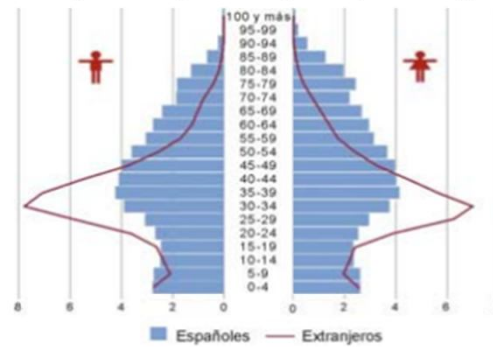


INE examples

The basic knowledge test

- The final grades of an exam have been: $9,7 - 9,8 - X - 8,6 - 9,7$. If the average of these grades is $9,2$, what is the missing value of X ?
 - $8,4$
 - $9,8$
 - $8,2$

- In the Spanish Population Pyramid, according to the last census,



in which age group is the most foreign women?

- From 50 to 54 years
 - From 30 to 34 years
 - From 90 to 94 years
- Find the wrong statement:
 - The variance is always higher than the arithmetic mean
 - The arithmetic mean is a set of values that is always higher than or equal to the minimum of those values
 - The standard deviation is a measure of dispersion
 - The math grade of a teenager is located in the percentile of 95 in his class. This means:
 - He has obtained a grade higher than 95% of his class mates
 - He has not failed
 - He has obtained a grade that is equal to or higher than 9,5.

The use of official statistical data sources test

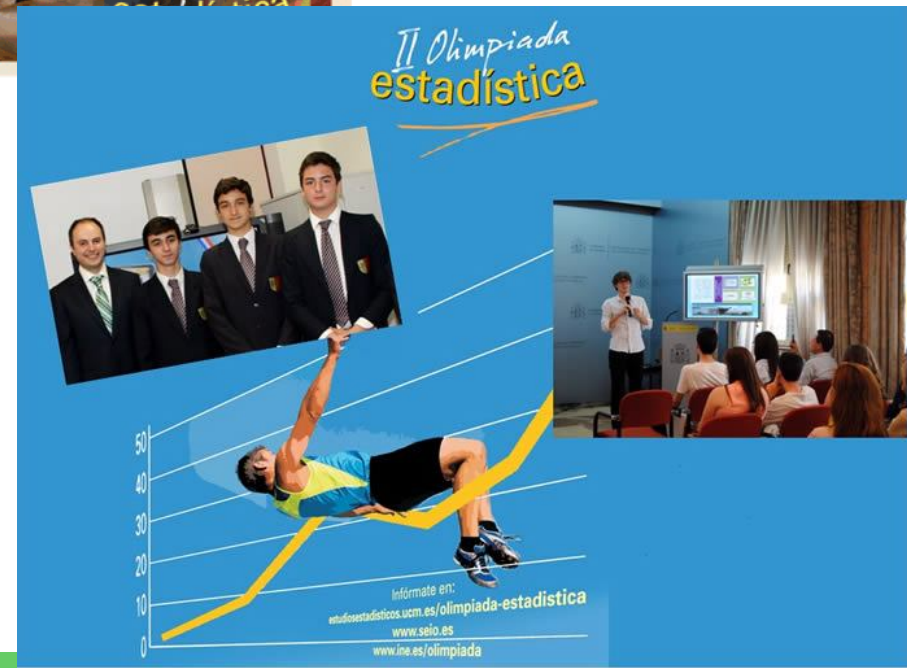
1. **What is the unemployment rate in the fourth trimester of 2012 in Spain, according to the Active Population Survey?**
 - a. 12,40
 - b. 26,02
 - c. 20,20

2. **The population of Spain in 2011, according to the Population and Dwelling Census was:**
 - a. Higher than 47 million inhabitants
 - b. Between 46 and 47 million inhabitants
 - c. Lower than 45 million inhabitants

3. **What is the most frequent name among babies born in 2011:**
 - a. Alejandro
 - b. Lucía
 - c. Pablo



INE examples



European Statistics Olympics

1) National Competition (INE example)

2 Stages:

2) The assignment:

only for the teams qualified in the first phase
analysis of a given dataset (national or European)
delivery of a written presentation (maximum of 8 slides).

National jury and prizes are the responsibility of the NSI.



European Statistics Olympics

2) European final

organized by Eurostat with the support of the coordinator of the competition and participating NSIs

A maximum of **3 winning teams** per country and category

It will be organized in a remote/digital way

The award ceremony: linked to the Q2018 conference

Awards for the winning teams of each age group

Jury: from Eurostat, ESAC, DIGICOM Steering Group



European Statistics Olympics

When



European Statistics Olympics: Calendar

Sign up

National -Competition winners European Final



Do not throw in the towel



European Statistics Olympics Promotion



Develop a clear promotional strategy, identifying the target group, messages and communication channels in order to achieve a broad participation

INE promotion:

- sending introductory emails to all schools and teacher associations in Spain
- introducing the competition at school visits and courses organized for teachers at various INE locations
- extensive use of social media

Take the ball and run

A horizontal bar composed of eight colored segments: red, blue, green, yellow, orange, light orange, teal, and light purple.

**Thank you for your
attention**

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