

Education in Europe

Made by Katarzyna Piskala

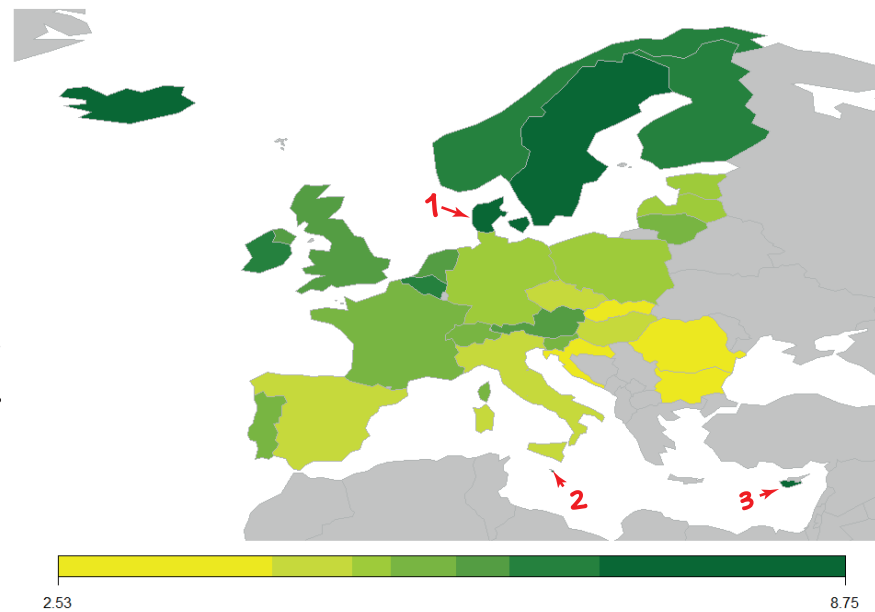
The author presents the diagram of education in european countries.
The input of education is money spent on education (percent of GDP).
The outputs are PISA results in 3 categories: mathematics, reading and science.

Public expenditure on education (percent of GDP)

The public sector funds education by:

- bearing directly the current and capital expenses of educational institutions,
- supporting students and their families with scholarships and public loans,
- transferring public subsidies for educational activities to private firms or non-profit organisations.

(source: eurostat)



The greatest percent of GDP spent on education:

- | | | |
|------------|---|-------|
| 1. Denmark | - | 8.75% |
| 2. Malta | - | 7.96% |
| 3. Cyprus | - | 7.87% |
- (source: eurostat)

What is PISA?

The Programme for International Student Assessment (PISA) is a triennial international survey which aims to evaluate education systems worldwide by testing the skills and knowledge of 15-year-old students.

In 2015 over half a million students, representing 28 million 15-year-olds in 72 countries and economies, took the internationally agreed two-hour test.

Students were assessed in science, mathematics, reading, collaborative problem solving and financial literacy.

(source: www.oecd.org)

How often is PISA administrated?

PISA has been administered every three years since 2000.

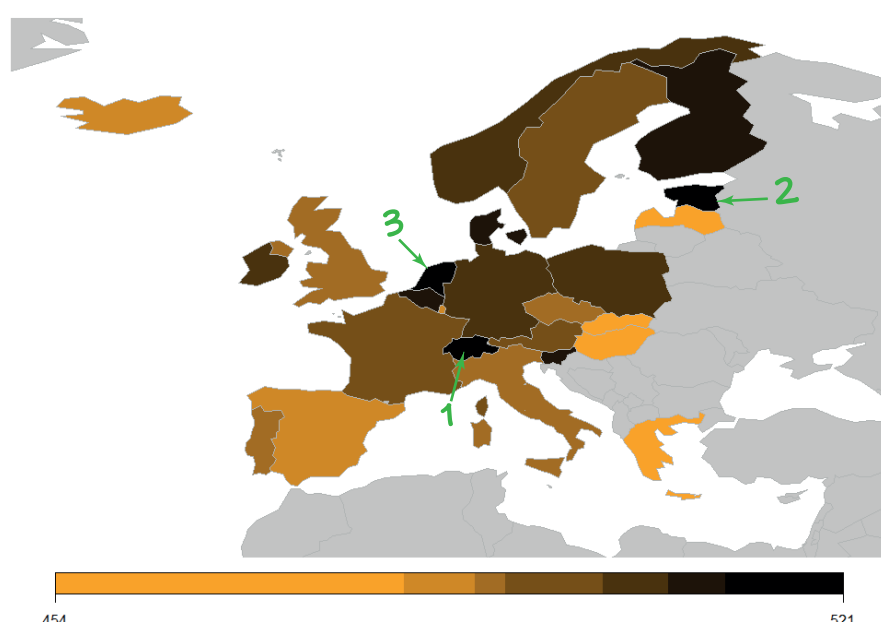
While reading, mathematical and scientific literacy are assessed on each occasion, reading was the focus in 2000, mathematics in 2003 and science in 2006.

The cycle began again in 2009 with reading as the main focus.

(source: www.educationcounts.govt.nz)

Education system

Mathematics

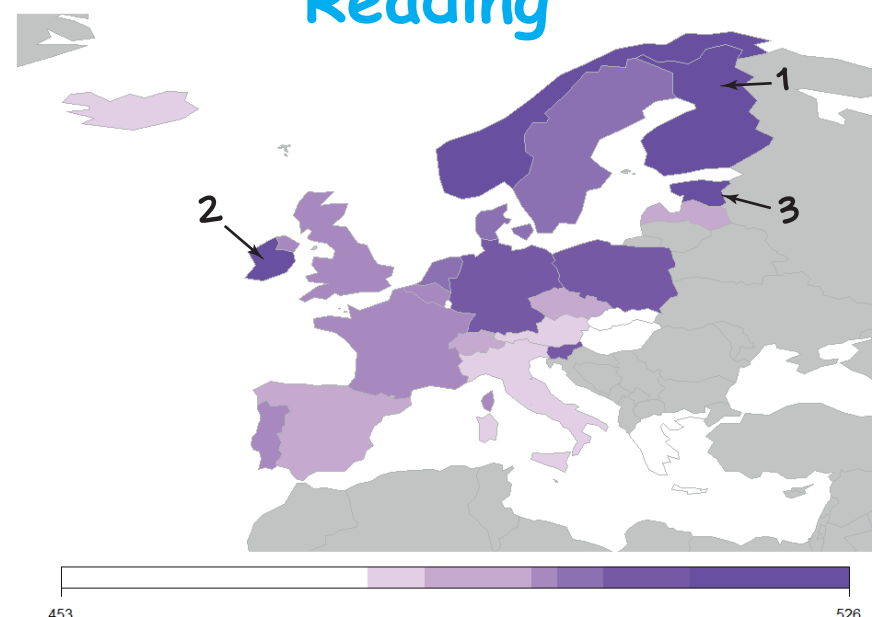


The best results in mathematics:

- | | | |
|----------------|---|-----|
| 1. Switzerland | - | 521 |
| 2. Estonia | - | 520 |
| 3. Netherlands | - | 512 |

(source: www.oecd.org)

Reading

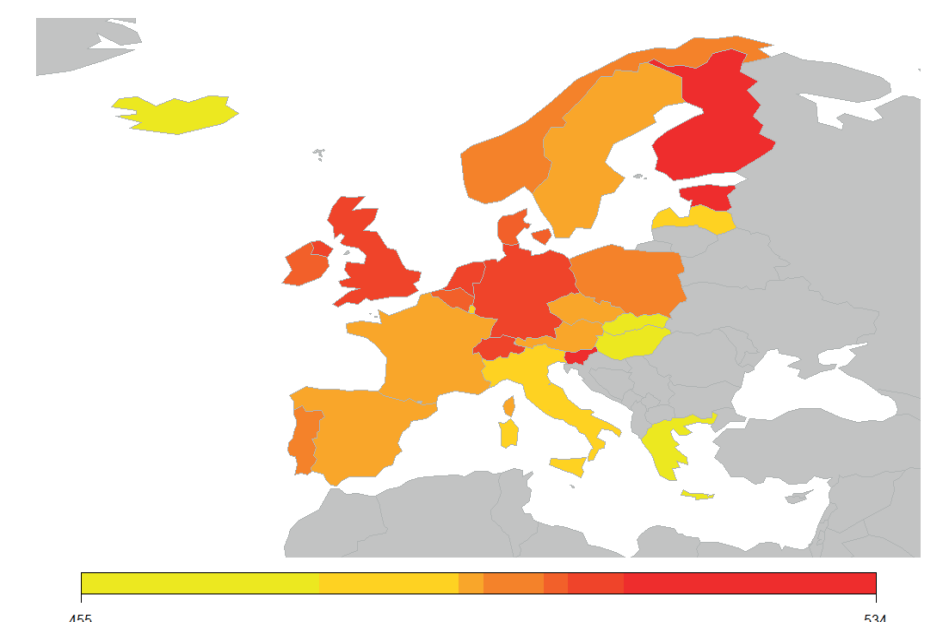


The best results in reading:

- | | | |
|------------|---|-----|
| 1. Finland | - | 526 |
| 2. Ireland | - | 521 |
| 3. Estonia | - | 519 |

(source: www.oecd.org)

Science



The best results in science:

- | | | |
|--------------|---|-----|
| 1. Estonia | - | 534 |
| 2. Finlandia | - | 531 |
| 3. Slovenia | - | 513 |

(source: www.oecd.org)