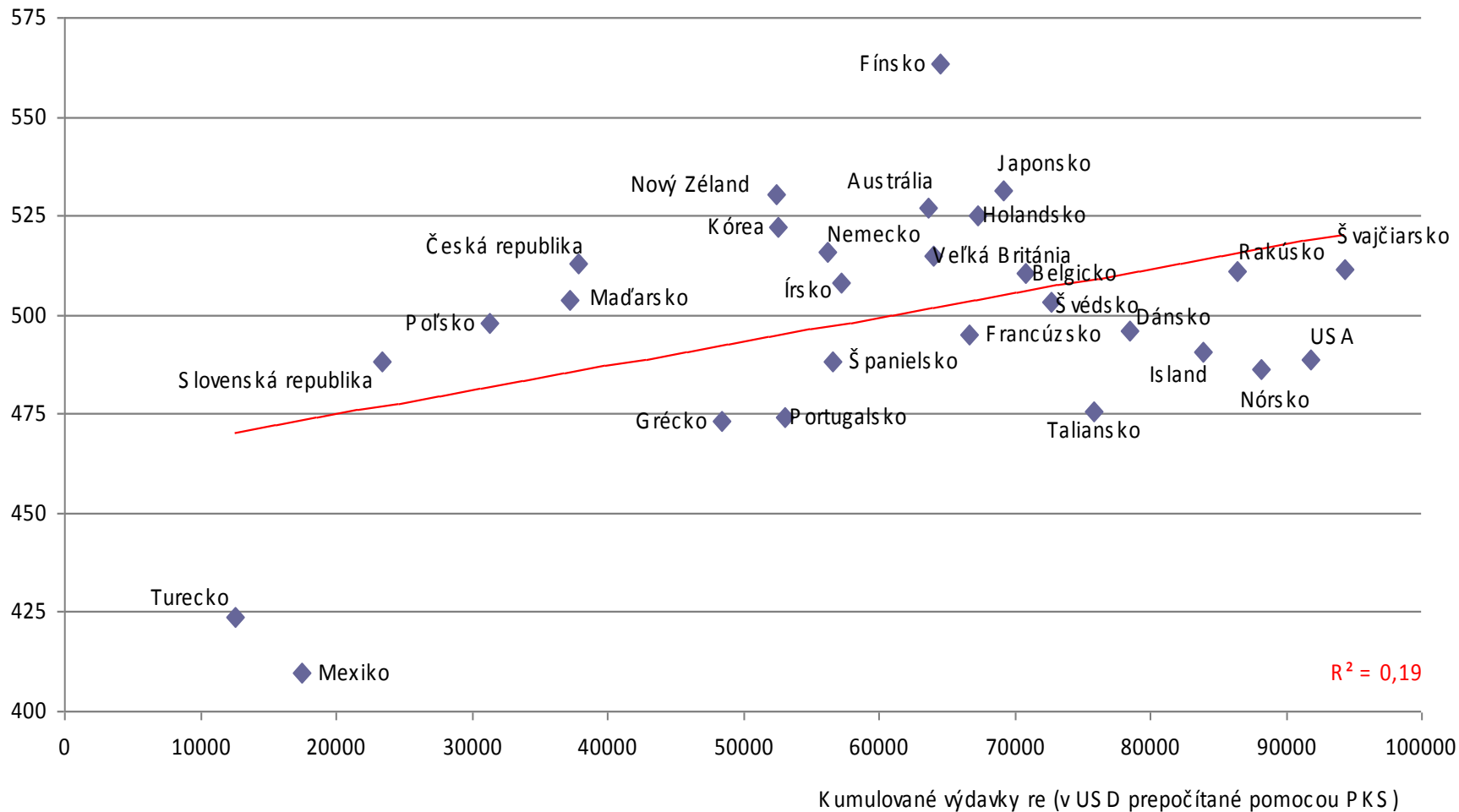


Výsledky a výzvy slovenského školaťva v medzinárodných meraniach OECD a IEA

Paulína Koršňáková, PhD.

Výkon žiaka a výdavky na žiaka

Výkon v
prírodných
vedách



Poznámka: Graf zobrazuje vzťah medzi výkonom v prírodných vedách a kumulované výdavky pre vzdelávacie inštitúcie na žiaka medzi 6 a 15 rokom v USD prepočítané pomocou parít kúpnej sily (PKS).

Medzinárodné komparatívne štúdie vzdelávania na Slovensku

TIMSS 1995, 1999, 2003, 2007, 2011

~~TIMSS Advanced 1995, 2008~~

~~TIMSS-R Video (1998-2004)~~

CIVED (od 1994, CIVIC), ICCS 2009

SITES (od 1997) M1, M2, 2006, ICILS 2013

PIRLS 2001, 2006, 2011

PISA ~~2000~~, 2003, 2006, 2009, 2012

TALIS 2008, ~~2013~~

IEA a OECD – dva prístupy

IEA (akademici – pohľad „zvnútra“)	OECD (praktici – pohľad „zvonka“)
dôraz na proces (uzlové body vzdelávania – 4., 8., resp. 12 ročník)	dôraz na výsledok (15-roční žiaci, výstup základného vzdelávania)
3 úrovne kurikula: zamýšľané, realizované, dosiahnuté (vedomosti, <i>príležitosť</i>)	celoživotné vzdelávanie (schopnosti, <i>nutnosť</i> , úspora)
k priemernému výkonu prispievajú všetky zúčastnené krajiny	k priemernému výkonu prispievajú LEN krajiny OECD

Zdroje, zistenia a výstupy

- www.iea.nl



**International Association for the
Evaluation of Educational
Achievement**

IEA

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Mission Statement
Brief History of IEA
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IEA 51st General Assembly Meeting Materials Now Available! **ICCS 2009 International Report**

ICILS 2013
The IEA International Computer and Information Literacy Study (ICILS) will examine the outcomes of student computer and information literacy (CIL) education across countries. Computer and information literacy refers to an...
Current Studies [> more](#)

TIMSS 2011
TIMSS 2011 is the fifth assessment in the framework of the Trends in International Mathematics and Science Study (TIMSS). The previous assessments, conducted in 1995, 1999, 2003 and 2007, were very successful in measuring trends...
Current Studies [> more](#)

PIRLS 2011

IERI SPRING ACADEMY 2011

IEA ICCS 2009
International and European Reports were released on 22 November!

IEA NEWSLETTER SEPTEMBER 2010 NOW AVAILABLE!!

NEW IEA STUDY ON COMPUTER AND INFORMATION LITERACY OPEN!

IEA 51ST GENERAL ASSEMBLY

LATEST PUBLICATIONS
 **ICCS 2009 International Report**
 **ICCS 2009 European Report**
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IEA Study Data Repository
Here you can download data and documentation from completed IEA studies. To access the selection page go to: <http://rms.iea-dpc.org/>

IEA International Database Analyzer (IEA IDB Analyzer)
The IDB Analyzer is a plug-in for the Statistical Package for the Social Sciences (SPSS) that allows the user to combine and analyze data from IEA's large-scale assessments such as TIMSS, PIRLS and SITES.
To download a copy of the IDB Analyzer please click on the following link: [IDB Analyzer Download](#)

IEA Online Data Analyzer (IEA ODA)
The IEA ODA serves to calculate statistics based on IEA data. The software can be used to create univariate statistics as well as breakdowns, correlations and regressions. The IEA ODA allows easy access to the data from the IEA studies.
For a more detailed analysis, it is recommended to download the data files from the IEA webpage (http://www.iea.nl/iea_studies_datasets.html).
The use of the IEA ODA is free of charge. For calculating multivariate statistics, the user is required to register. The purpose of the registration is to give the IEA an overview about the use of the IEA studies' data.
Visit the IEA Online Data Analyzer at: <http://www.ieadata.org>

IEA STUDIES DATASETS
IEA Study Data Repository
IEA International Database Analyzer (IEA IDB Analyzer)
IEA Online Data Analyzer (IEA ODA)
CD Order

DOWNLOAD IEA IDB ANALYZER
IDBAnalyzer_Setup.exe
(Filesize: ~45 MB)
Last release:
February 27th, 2011
([changelog.txt](#))

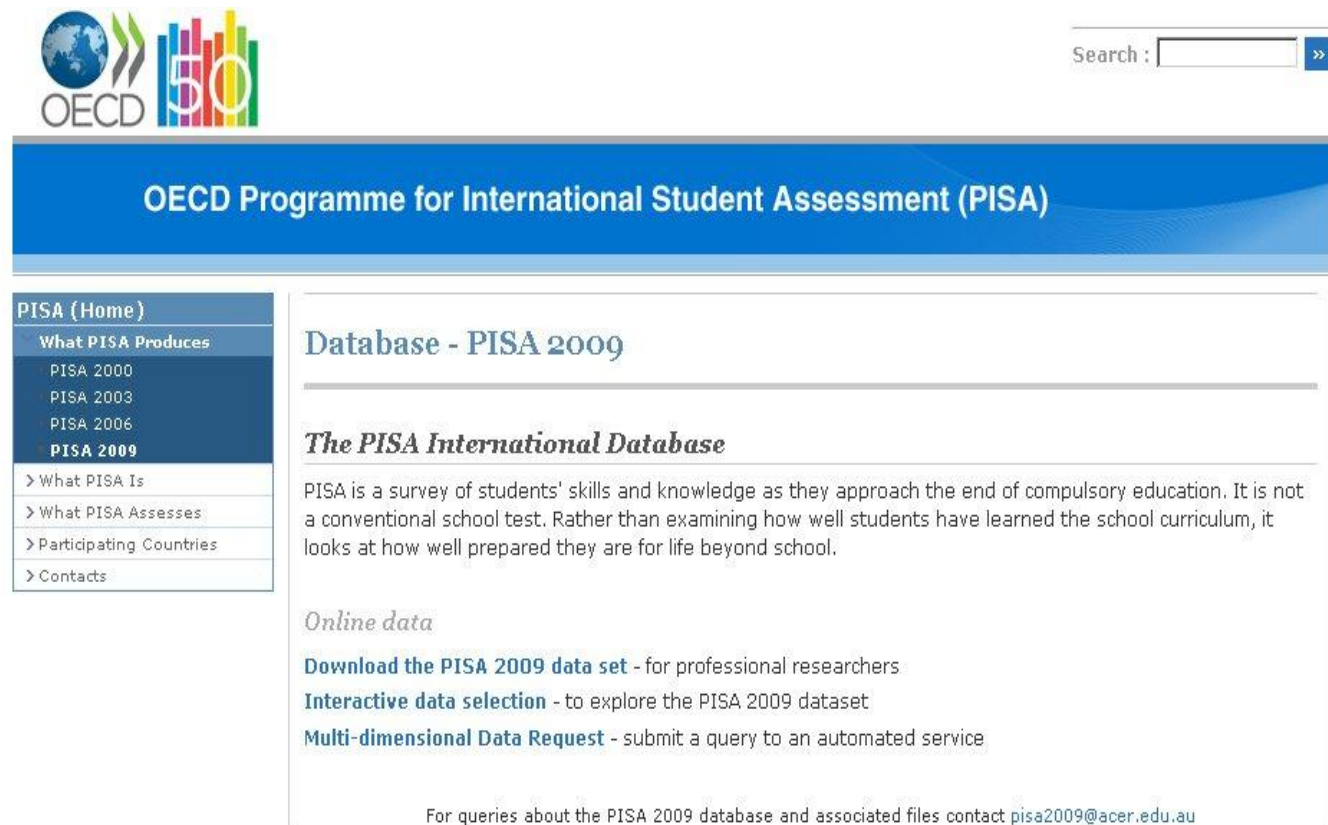
The IDB Analyzer Helpfile is included in the above installer and can be accessed by pressing the F1 key.

DOWNLOAD IEA IDB ANALYZER FOR SPSS
IDBAnalyzer_SPSS_Setup.exe
(Filesize: ~45 MB)

CONTACT
Address:
IEA Data Processing Center
Software Unit
Mackweg 37
2237 Hamburg
Germany
Phone: +49 40 48 500 500
Fax: +49 40 48 500 501
e-mail: software@iea-dpc.de

Zdroje, zistenia a výstupy

- www.pisa.oecd.org



The screenshot shows the OECD Programme for International Student Assessment (PISA) website. At the top left is the OECD logo and a colorful bar chart with the number 50. At the top right is a search bar with the text "Search :". Below the header is a blue banner with the text "OECD Programme for International Student Assessment (PISA)". On the left side, there is a navigation menu with the following items: "PISA (Home)", "What PISA Produces" (with sub-items: "PISA 2000", "PISA 2003", "PISA 2006", and "PISA 2009"), "What PISA Is", "What PISA Assesses", "Participating Countries", and "Contacts". The main content area is titled "Database - PISA 2009" and contains the following text: "The PISA International Database", "PISA is a survey of students' skills and knowledge as they approach the end of compulsory education. It is not a conventional school test. Rather than examining how well students have learned the school curriculum, it looks at how well prepared they are for life beyond school.", "Online data", "Download the PISA 2009 data set - for professional researchers", "Interactive data selection - to explore the PISA 2009 dataset", and "Multi-dimensional Data Request - submit a query to an automated service". At the bottom, there is a contact information line: "For queries about the PISA 2009 database and associated files contact pisa2009@acer.edu.au".

OECD 50

Search : »

OECD Programme for International Student Assessment (PISA)

PISA (Home)

- What PISA Produces
 - PISA 2000
 - PISA 2003
 - PISA 2006
 - PISA 2009**
- > What PISA Is
- > What PISA Assesses
- > Participating Countries
- > Contacts

Database - PISA 2009

The PISA International Database

PISA is a survey of students' skills and knowledge as they approach the end of compulsory education. It is not a conventional school test. Rather than examining how well students have learned the school curriculum, it looks at how well prepared they are for life beyond school.

Online data

Download the PISA 2009 data set - for professional researchers
Interactive data selection - to explore the PISA 2009 dataset
Multi-dimensional Data Request - submit a query to an automated service

For queries about the PISA 2009 database and associated files contact pisa2009@acer.edu.au

Zdroje, zistenia a výstupy

- www.nucem.sk/sk/medzinarodne_merania

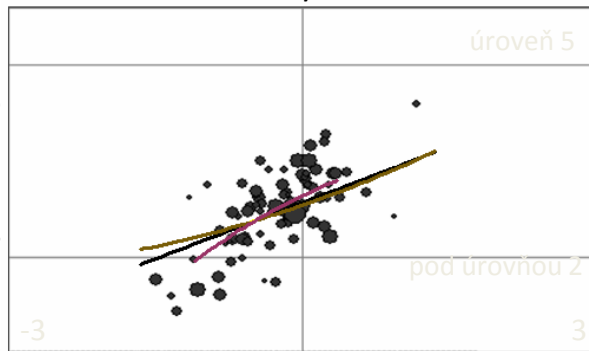


PISA – poznatky a výzvy

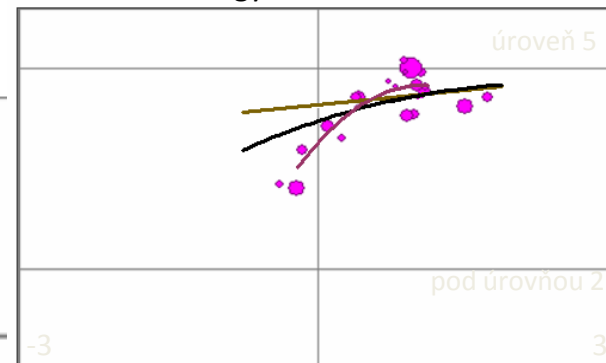
1. Vynikajúca úroveň vzdelávania na Slovensku = mýtus
2. Rovnaké šance vo vzdelávaní (prístup k vzdelávaniu) = omyl
3. Jednotná škola = mýtus

Variabilita na slovenských školách

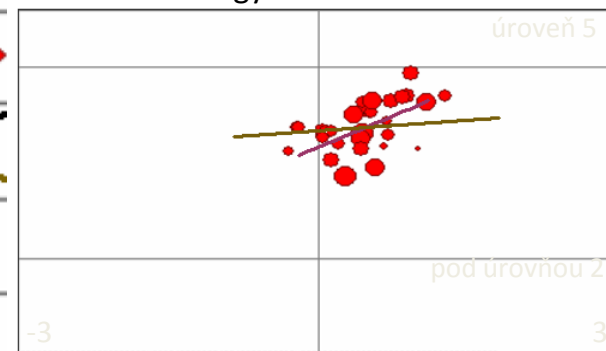
Základné školy



8-ročné gymnázia



4-ročné gymnázia



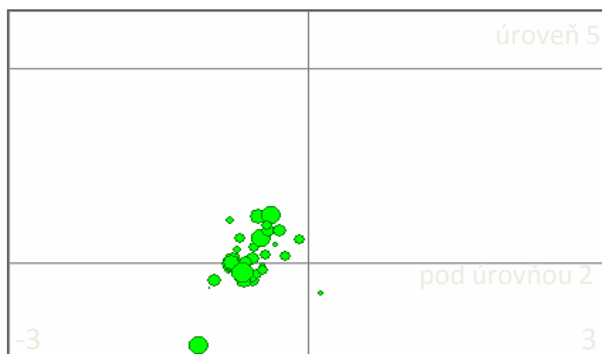
výkon v prírodných vedách

vzťah medzi žiakmi
(v rámci školy)

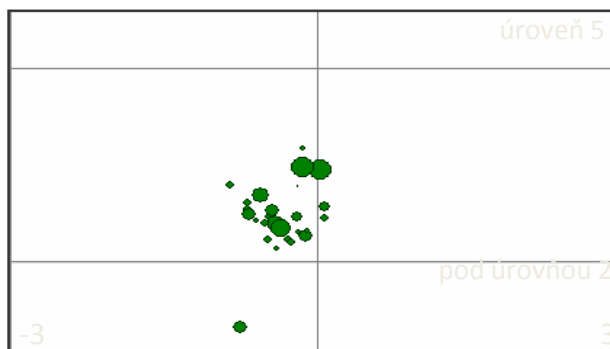
vzťah medzi školami

celková
regresná

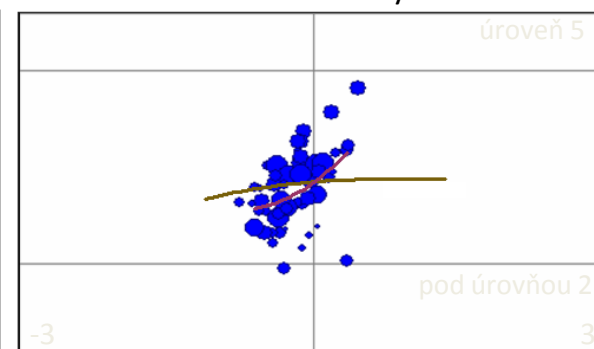
Stredné odborné učilištia bez maturity



Stredné odborné učilištia s maturitou



Stredné odborné školy



PISA – „FACKA VZDELÁVANIU“

PRETOŽE

- Výsledky žiakov nie je možné spoľahlivo medzinárodne porovnať
- *Test nezodpovedal obsahu vzdelávania*
- *Test nebol dobre preložený*
- *Vzorka nebola dobre vybraná*
- *Žiaci sa dosť nesnažili, lebo neboli motivovaní...*

Aktivity a výstupy OMM

- Sprístupňovanie súvisiacich materiálov (úlohy, dotazníky, dáta, informácie k analýzam a pod.)
- Finalizácia medzinárodných meraní po národnú správu
- Diseminácia výstupov (publikácie, účasť na konferenciách, spolupráca s VŠ)
- Zlepšovanie kvality realizácie MM na Slovensku

Aký je *náš* cieľ pre *naše* školstvo?

- Záujem (o žiakov aj učiteľov)
- Ambície (**kognitívne náročný obsah**)
- Tímová práca
- Otvorenosť a inšpirácia
- Čas (príprava, realizácia zmeny, reflexia stavu)

Ďakujem za pozornosť

