Large-scale 1:1 Implementations: An International Study

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Photo credit: MarkGregory007 on Flickr

Improve Academic Experiences

Increase Equality

Economic Competitiveness

Transforming quality

Adaptability and agility

Critical thinking and problem-solving

Curiosity and imagination

Collaboration

Initiative and entrepreneurialship

Effective oral and written communication skills

Accessing and analyzing information

What Do We Know?

NEW ZEALAND

AFRICA

MONGOLIA

Methods

- 1:1 implementation across every country listed in the United Nations (N=193)

- Website/article/etc. linked for future reference

- Entered into the spreadsheet

- Double-checked for each country to ensure quality of database

Option for Viewing…

Go to
http://www.edmatics.org/portfolio-2/portfolio/

OR

Go to http://bit.ly/1-1International

International 1:1 Project

International 1:1 Project

By **EdMatics**

INTERNATIONAL 1:1 DATABASE

-The International 1:1 database was developed from a Center for the Advanced Study of Technology Leadership in Education (CASTLE) initiative to see what the entire world is doing in their country-by-country education systems when it comes to providing 1 laptop for every 1 student (1:1). Below is a Google map representing each country with a 1:1 implementation. You can interact with the map by clicking and dragging to a new location or clicking on a yellow marker to see information about the specific country's program.

View Database
Edit Database
View Citations
Contact Authors

Our Data

Region	Country (color coded by region)	Large Scale 1-to-1 Initiative	Device	Grades	Number of units	Started	Program
ddle East	Afghanistan	Yes	XO Laptops	4,5,6	4,950	2008	OLPC
Europe	Albania	No	-	-	-	-	-
Africa	Algeria	No	-	-	-	-	-
Europe	Andorra	No	-	-	-	-	-
Africa	Angola	No	-	-	-	-	-
l America	Antigua and Barbuda	Yes	Lenovo Laptops	Primary & secondary school teachers	400	2011	Technology for Edu 20/20
America	Argentina	Yes	Classmate PC	Secondary	2,045,254	2007	OLPC
Asia	Armenia	Yes	XO Laptops	Elementary	3,600	2011	OLPC
a (Australia, v Zealand, lynesia)	Australia	Yes	XO Laptops	9,10,11,12	911,000	1990	OLPC
Europe	Austria	Yes	XO Laptops	4	25	2008	OLPC
Asia	Azerbaijan	No	-	-	-	-	-
l America	Bahamas, The	No	-	-	-	-	-
ddle East	Bahrain	No	-	-	-	-	-
Asia	Bangladesh	No	-	-	-	-	-
l America	Barbados	Yes	XO Laptops	2 and 3	200	2009	OLPC
Europe	Belarus	No	-	-	-	-	-
Europe	Belgium	No	-	-	-	-	-
l America	Belize	No	-	-	-	-	-
Africa	Benin	No	-	-	-	-	-
Asia	Bhutan	Yes	XO Laptops	Primary	220	2009	OLPC
America	Bolivia	Yes	XO Laptops (Lenovo)	Primary (Teachers)	2,000 (130,000)	2009 (2011)	OLPC (Governme
Europe	Bosnia and Herzegovina	No	-	-	-	-	-
Africa	Botswana	No	-	-	-	-	-

Citations Page

Afghanistan

- OLPC Wiki
- OLPC Article #1
- OLPC Article #2

Antigua and Barbuda

- Article #1
- Article #2

Argentina

- Article #1
- Article #2
- OLPC Deployments
- Classmate PC Deployment Map
- Classmate PC Fact Sheet

Armenia

- OLPC News Article

Australia

Google Map

Map | Satellite

Country: Afghanistan
-:
Device: XO
Grades: 4,5,6
Number of units: 4,950
Started: 2008
Program: OLPC
Internet Access?: Yes
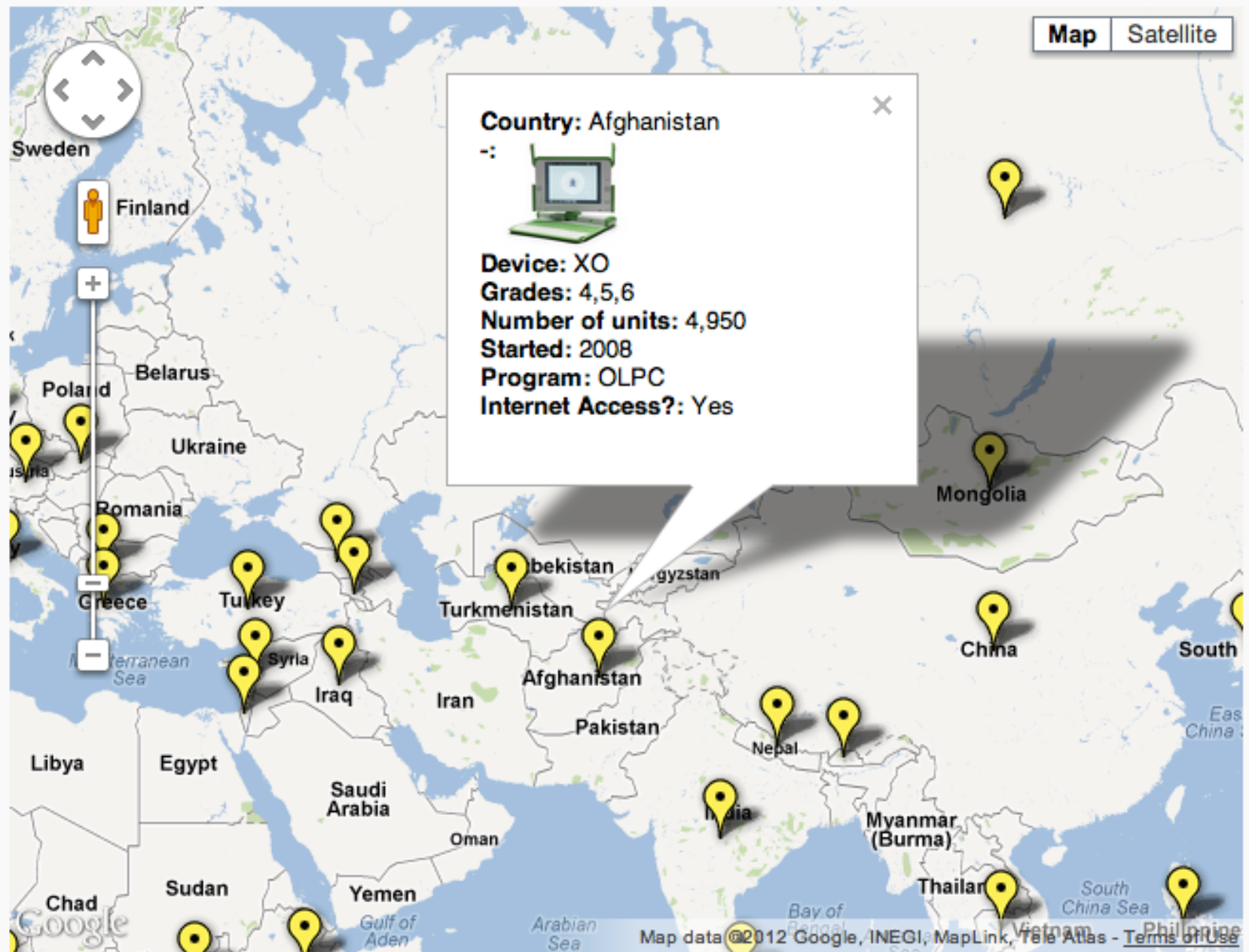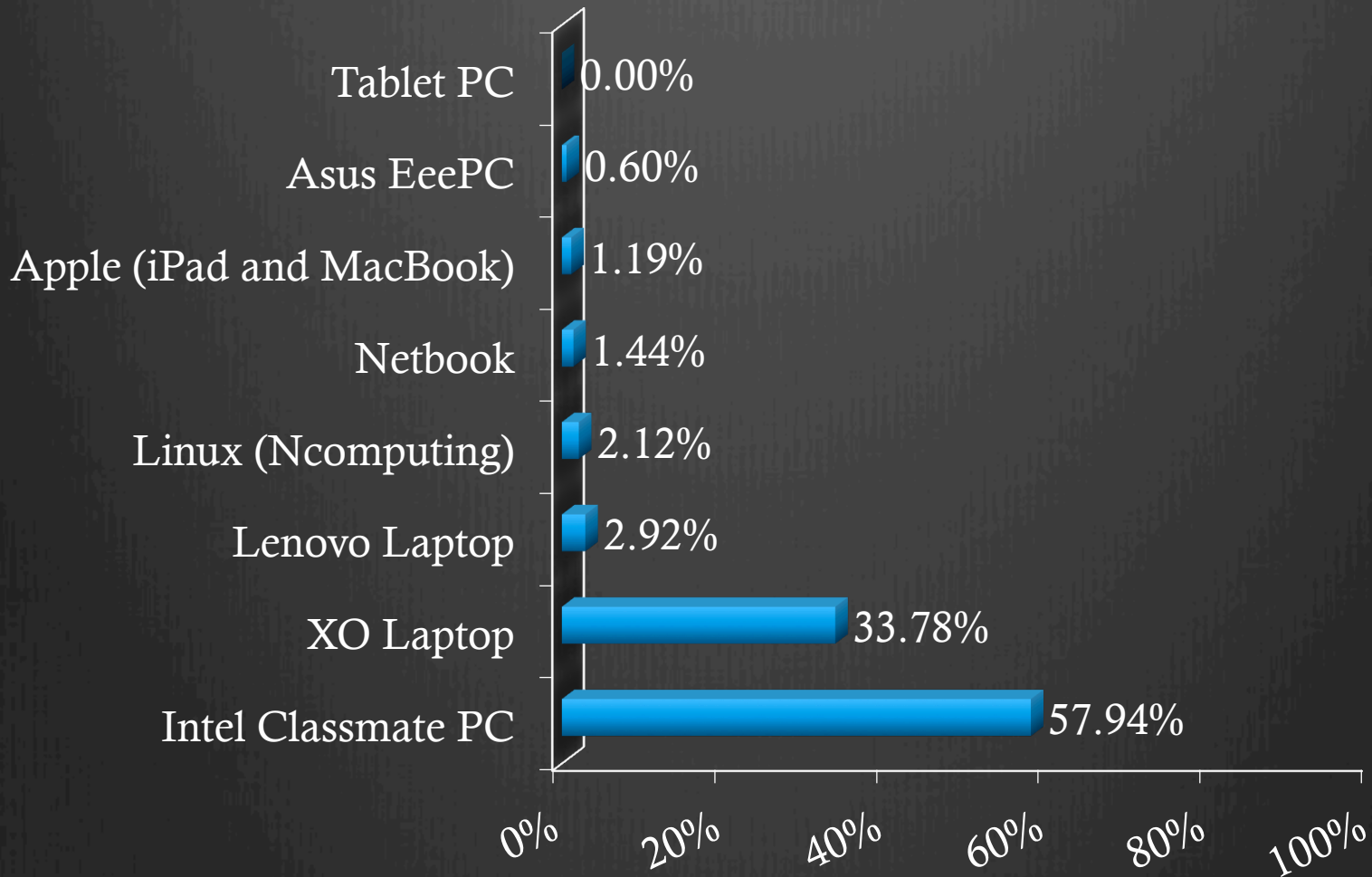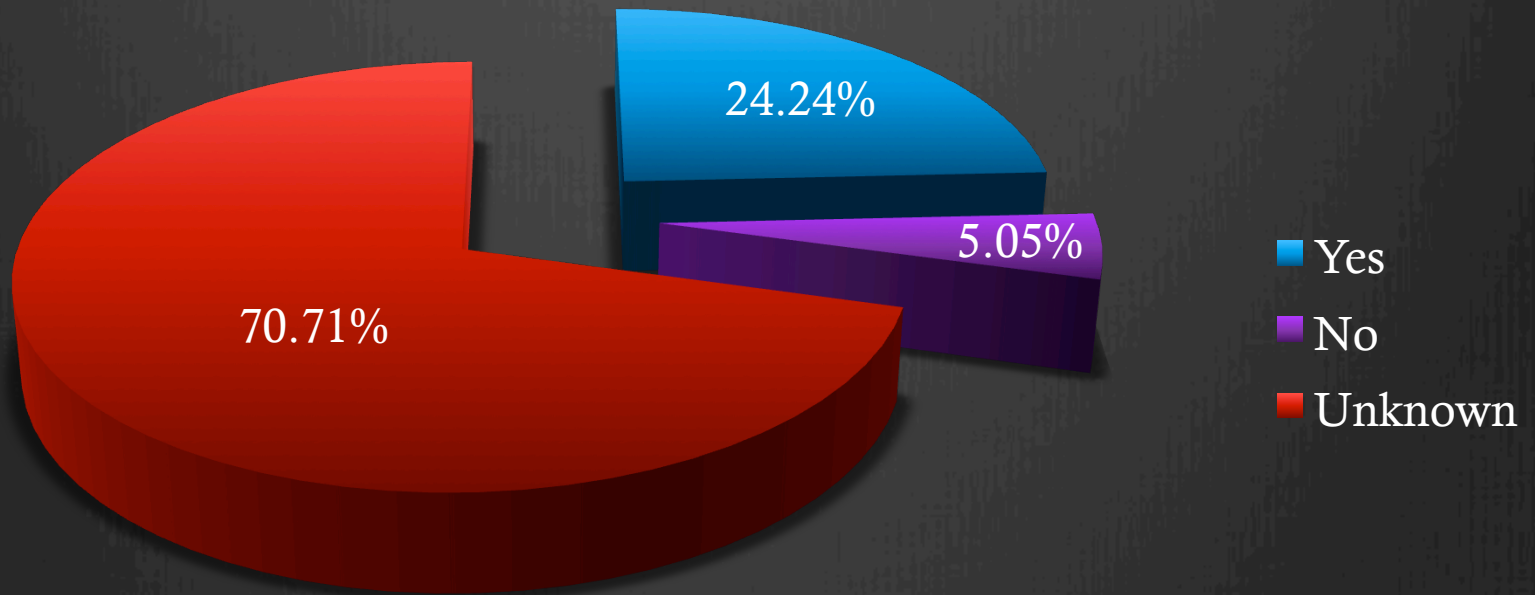
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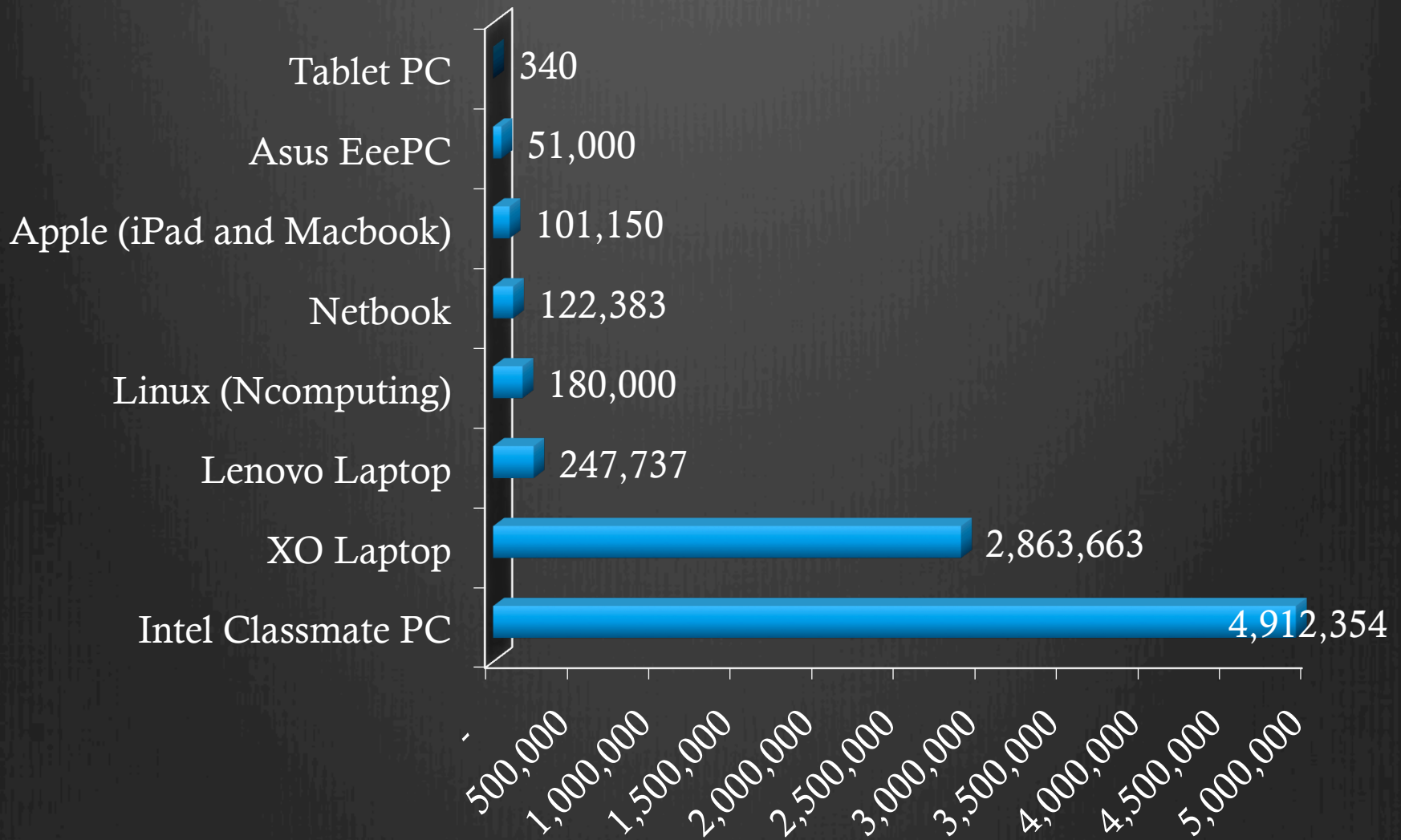
Percentages of Devices

Internet Access: % of Countries

Let's Look at One 1:1

- Country: **United States – Maine**

- Started: 2001

- 101,000 devices (MacBooks)

- 7-12 grades

- Funding comes from the state of Maine

- Internet Access: Yes

- PD for Teachers: Yes – from Apple

- PD for Administration: Yes – from Apple

Let's Look at One 1:1

- Country: **Macedonia**

- Started: 2007

- 180,000 devices (Ncomputing - Linux)

- Every Elementary and Secondary Student

- Funding comes from Ministry of Education
  - "Computer for Every Child" Program

- Internet Access: Yes
  - 1st country-wide wireless Internet in the world

- PD for Teachers: Yes

- PD for Administration: Yes

Let's Look at One 1:1

- Country: **Argentina**

- Started: 2007

- 2,045,254 devices (Classmate PC)

- Secondary

- Funding comes from OLPC

- Internet Access: Yes

- PD for Teachers: Yes - Intel

- PD for Administration: Yes - Intel

One Laptop per Child: Disappointing results?

By **Charlie Osborne** | April 9, 2012, 5:16am PDT

Summary: *Is the One Laptop per Child scheme producing the results we expected?*

Simply purchasing a device such as a laptop and handing it to a child is unlikely to turn them into the next Zuckerburg. However, it can teach them basic, valuable skills that will assist them when it is time to leave education and support themselves by joining the work force.

At least, this is the view from Peru, where the largest program involving One Laptop per Child, an American charity's scheme currently operates. Active in more than 30 developing countries across the globe, the aim of the project is to provide children with access to a laptop for educational purposes.

However, according to an evaluation of the scheme's success by the Inter-American Development Bank (IDB), the results may not be as promising as we may have hoped.

Peru is one of the few places that is currently enjoying an economic boom — but it has one of Latin America's lowest-ranking educational systems, which no doubt hampers its economic capabilities in a global setting.

- Continue updating database through a world-wide collaborative effort

- Monitor country-by-country progress over coming years

- Develop international partnerships through open-source data