



## New EPDC Website Launch

New and Updated Data, Maps, Graphs and Profiles

Improved Search Engines

User-Interactive Animated Graphs

Dynamic Google Earth Global Maps

New Projection Models

Graphing Tutorials on Visualizing Data

## 2010 Global Monitoring Report Launch

In collaboration with the UNESCO Global Monitoring Report team, EPDC projected the financial gap in achieving Education for All by 2015 in 46 low income countries using the HIPE (High-level Interactive Projections for Education) model. The background report, HIPE GMR model, model description, user-guide, and data tables are available on the EPDC website.

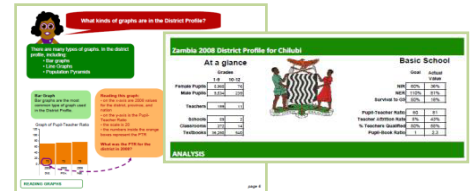
## Education Profiles for EFA FTI 2009 Annual Report



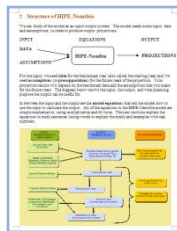
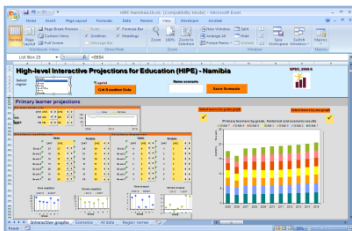
EPDC collaborated with the Education for All Fast Track Initiative to design and produce country profiles that will be published with the EFA FTI 2009 Annual Report. The profiles document the status of education provision and financing for 40 countries participating in Fast Track Initiative and will be released along with the report when it is published in February 2010.

## Zambia District - Level Education Profile and Manual

EPDC collaborated with AED's Systems Services Center, leading the EQUIP 2 Information and Policy support for the Zambian Ministry of Education, to develop District education profiles that present EMIS data in a comparative and more user friendly, graphical format for policymakers. The profiles are being integrated into basic administrative monitoring for education and will be used by Zambian districts as a tool to request funds and support. The team also produced a highly graphical manual on education indicators and supported workshops on evidence-based decision making.



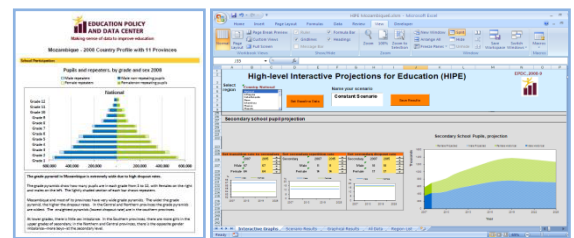
## Namibia HIPE (High-level Interactive Projectio Manual



EPDC produced a HIPE model and manual for Namibian Ministry of Education team that calculates and projects teacher needs by teaching subject in secondary schools by sub-national region. In collaboration with the USAID mission and the Namibian EMIS staff, EPDC conducted a training workshop on the use of the HIPE model for the regional and the Ministry leaders.

## Mozambique Education Profile and HIPE Model

In response to a request from USAID, EPDC compiled and graphically presented Mozambique's education status in an education profile and adapted the HIPE model to provide education projections at the national and 11 province levels.



## South ern Sudan HIPE Model

With AED's Systems Services Center, EPDC created a first version HIPE model for the Ministry of Education, Science and Technology (MoEST) in Southern Sudan. The model was presented by field staff to national and state education planners as well as donors to support a more evidence-based process for planning and budgeting. The model will be revised by EPDC during 2010 based on Southern Sudan field experience.

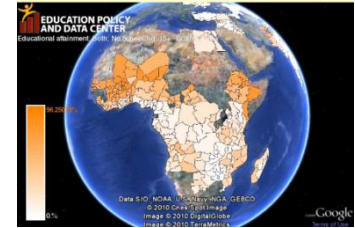


\* The education profiles for Zambia and Mozambique and HIPE models and manuals for Mozambique and Namibia can be found under Client Services on the website.

## Global Education Maps using Google Earth at the EPDC

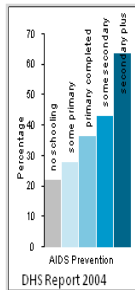


EPDC received a Google Challenge Grant to develop a tool to display national and sub-national education data in Google Earth. The new tool is now available on EPDC website in Dynamic Maps feature under Data Visualization. It allows easy viewing of selected education indicators on a global map, either as pre-generated containing data assembled from various sources or users can generate their own using this system.

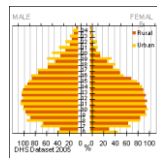


## New and Updated Maps, Graphs, and Profiles

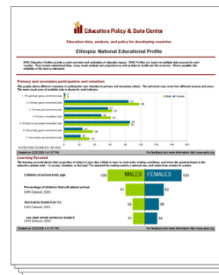
### New Maps & Graphs



The new EPDC website has one search engine for maps and graphs under Data Visualization. Maps and graphs have been updated with the most recent data from MICS, DHS, and other data sources and a few new graphs have been produced on ECCE, child labor, and health.

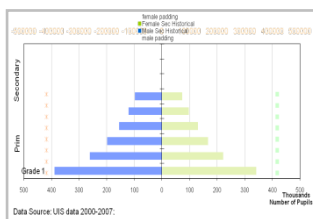


### New Profiles

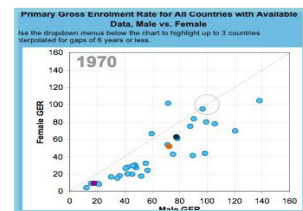


The EPDC's National Education Profiles are updated with new data, maps, and graphs for 200+ countries. They are downloadable from EPDC's Country Profiles under Data Visualization on the website.

## Animated Graphs – Human Capital and Pupil by Grade Pyramids, GER Gender Disparity



Inspired by the Gapminder and Trendalyzer, EPDC developed animated graphs that show the growth in human capital and pupils in a school system over time and an animated gender disparity graph that allows multi-country comparison of the progress over time on the gross enrollment rate. Animated graphs can be found under Data Visualization on the new website.



## EPDC's Graphing Tutorials on Visualizing Data

EPDC produces most of its graphs using Microsoft Excel. Learn more about how you can use some of our techniques to produce your own graphs with EPDC's Graphing Tutorials available on the website under Data Visualization.

- Stacked area chart with historical and projected data
- Dot & column chart
- Animated graphs
- Line and XY combination chart
- Showing progress with high/low lines

Home > Data Visualization > Tutorials

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[Dynamic Maps](#)
[Interactive Profiles](#)
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The EPDC produces most of its graphs using excel. Learn more about how you can use some of our techniques to produce your own beautiful graphs with the Graphing Tutorials.

**Graphing Tutorials**

- Stacked Area Chart with Historical and Projected Data**  
How to make a stacked area chart with a visible division between historic and projected values.
- Dot & Column Chart**  
How to make a chart combining symbols and columns.
- How to Make Animated Graphs**  
How to make an animated graph in Excel.
- Line and XY Combination Chart**  
How to add point or bar/line area to an XY chart.
- Showing Progress with High/Low Lines**  
How to make a chart showing progress from one year to another.

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## New Data from National Administrative Sources

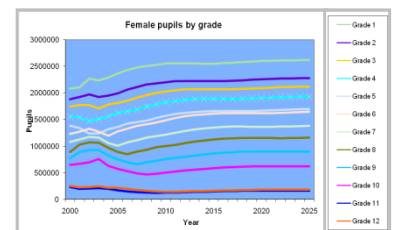


The EPDC has new data collected from national administrative sources — Ministries of Education and Statistics Offices — in 28 countries: Afghanistan, Argentina, Bhutan, Bolivia, Brazil, Burkina Faso, Cape Verde, Colombia, Cuba, Cyprus, Fiji, Iran, Lesotho, Mauritius, Namibia, Panama, Philippines, Saudi Arabia, South Africa, Senegal, Sri Lanka, Sudan, Tanzania, Tonga, Tunisia, Turkey, Uruguay, and Vietnam. The indicators with new data are student participation and efficiency rates, literacy rate, education attainment, exam scores, gender parity index, number of pupils, teachers, and schools, pupil teacher ratio, and public education expenditure.

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## New Enrollment Rate and Pupil Projections

EPDC produced new enrollment rates and pupil projections, by grade repetition, dropout, completion, and promotion rate projections with new 2007 data from the UIS. The EPDC model ProEnrol is used for projections of the number of pupils up to year 2025 for 140+ countries and the model ProjecTrend is used for projections of GER, NER and gender parity index up to the year 2025 for 190+ countries. Projection results and models are available under Projection Tools on the new website.



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## Background Report for IHSN Questionnaire Bank

Commissioned by the International Household Survey Network (IHSN), EPDC completed "Guidelines for Measuring Education in Household Surveys," a report recommending standard practices for measuring education through household surveys. The report distills best practices from a cross-section of existing survey questionnaires to recommend a coherent, coordinated suite of education questionnaire modules that can be adapted to local contexts. The report also details specific data processing instructions to calculate internationally-standard education indicators from data gathered through the questionnaires. The content of this report will feed into the IHSN's questionnaire bank, a repository of guidelines for household surveys.

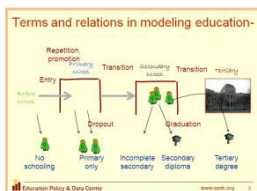
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## Purchasing Power Parity Project with the WB International Comparison Program (ICP)

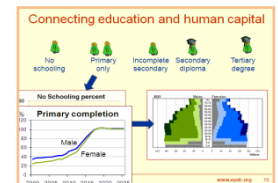
EPDC was invited by the International Comparison Program (ICP) of the World Bank to participate in the development of a purchasing power parity (PPP) methodology for education service. EPDC submitted a concept paper at the annual technical meeting of the PPP program. The first phase of the project will be literature survey to be implemented between now and June 2010.

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## Presentation at IIASA's International Conference on Education and Demography



EPDC presented its education modeling work at the international conference "Education and Demography," coordinated by the International Institute for Applied Systems Analysis (IIASA) in December 2009 in Vienna, Austria. The presentation included an overview of the method used by EPDC to project pupil enrollment and educational attainment.



Forthcoming

The EPDC is currently working on the following new features and projects:

- 2009 Administrative data
- New household survey data from DHS and MICS
- NWFP/Pakistan HIPE model and country profile
- PPP methodology project with WB ICP
- Workforce model for UNESCO



Education Policy and Data Center (EPDC) is a research unit within the global education portfolio of FHI 360. EPDC serves as a resource for education data, profiles and data reports on education status at the country level, research on issues and challenges in education around the world, as well as medium-term education projections. The FHI 360 global education portfolio encompasses a wide range of programs and interventions in educational development. Visit us at [www.fhi360.org](http://www.fhi360.org) and [www.epdc.org](http://www.epdc.org).

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