



**fhi360**

EDUCATION POLICY AND DATA CENTER  
Making sense of data to improve education.

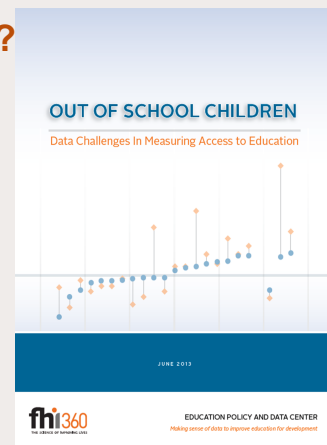
# e-Newsletter

JUNE 2013

## Do we know how many children are out of school?

OUT OF SCHOOL CHILDREN: DATA CHALLENGES IN MEASURING ACCESS TO EDUCATION

A new technical report by EPDC untangles the global metrics of school exclusion and points to existing gaps and discrepancies in data that cause a substantial amount of uncertainty around the published regional and global estimates of out of school children.



## ANNOUNCEMENTS

**New datasets added to the [edpc.org](http://edpc.org) website** To coincide with the release of our publication, we have extracted the numbers of out of school children for the 7-14 age group, based on household survey data for South Asian and Sub Saharan African countries. You can view these data in our [advanced search](#) by selecting the years and countries, and clicking the box next to "Household Survey" under Datasource. Your search results will include values for the 7-14 age group. Additionally, EPDC has added data from the UIS database, with indicators calculated based on values from the most recent UIS updates. We are also excited to announce the inclusion of a new round of learning outcomes data! Over the next few weeks we will be uploading data collected from country-level assessments such as ASER, UWEZO and EGRA, and international assessments such as PISA, TIMSS and PIRLS.

**EPDC is now on Twitter.** Keep up to date on EPDC research, learn about new website features, get notified when new EPDC content is available online, and find out which events/conferences the team is attending by following us on Twitter [@fhi360epdc](#).

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## EPDC CORE SERVICES

- Data survey, compilation and extractions >
- Data visualization through graphs, maps, and profiles >
- Education trend and resource projections >
- Statistical analysis and methodology development >
- Policy-oriented and data-driven research and analysis >

## FREE RESOURCES

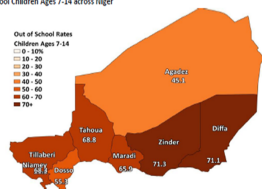
Go to our website:  
[www.edpc.org](http://www.edpc.org)

## PUBLICATIONS

## RESOURCES

<b>Niger</b>	<b>Number Out of School</b> 1,826,000	<b>Percent Out of School</b> 64%
<b>Out of School Children of the Population Ages 7-14</b>		
Source: Demographic and Health Survey (DHS) 2006		

Rates of Out of School Children Ages 7-14 across Niger



Comparison of Rates of Out of School Children According to the Most Recent Household Survey, Ages 7-14, West Africa



The Structure of the Education System in Niger

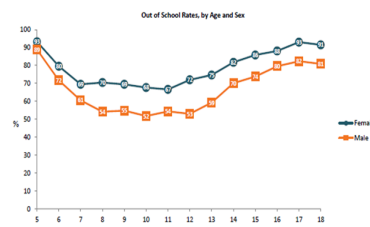
By national classifications, Niger has a 6-4-3 formal education structure with an official primary school entry age of 7. Basic education encompasses preschool, primary and lower secondary education. Students sit for the Certificat de Fin d'Etudes du Premier (CFEP) or Certificat d'Etudes Primaires Élémentaires Franco-Arabe (CEPEFA) at the end of grade 6, the brevet d'études du premier cycle (BEPC) at the end of grade 10, and their baccalauréat at the end of grade 13 (UNESCO-IBE, World Data on Education, Revised 11/2010).



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Out of School Rates by Age and Sex

- At the start of primary school in Niger at age 7, 68.8% of girls and 60.6% of boys are out of school.
- School participation is highest for girls at age 11 and for boys at age 10.



Summary of EPDC Methodology on Measuring Out of School Children

In this profile, EPDC presents estimates of the proportion and number of out of school children of the population ages 7-14 using household survey data. Along with relative and absolute estimates of out of school children, EPDC provides 95% confidence intervals for each estimate.

To create estimates of the proportion of out of school children for a particular school year, EPDC used birthdate information to identify children who were of a particular age range (7-14) on the month that the school year began. Children who had attended primary school or higher at any time during the school year were classified as 'in school'. Children who had not attended school at any time during the school year, or who had attended pre-school during that reference period were classified as 'out of school'. The proportion of children who are out of school is calculated as the number of children within the 7-14 age range who were classified as out of school divided by the number of children within the same age range.

To obtain the number of out of school children, the out-of-school rate is then applied to the estimated population of the same age range from the UN Population Division (UNPD) obtained single-age population estimates to build the correct age range. UN Population Division figures are provided for mid-year each year, and EPDC uses the population figures from the year closest to the start of the school year in each country. Depending on a country's main academic calendar, the population figure may be from the year before the school participation year.

For more information on measurement of out of school children, please see the EPDC website at [www.epdc.org](http://www.epdc.org).



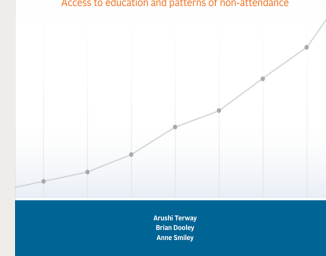
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## EPDC Out of School Profiles

This profile series examines out of school estimates for children ages 7 to 14. The profiles employ household survey data to examine school non-participation at the international, national, and subnational level. Visualizations and out of school estimates are provided by sex, locality, wealth, age, and subnational regions in order to draw attention to the most educationally disadvantaged populations. Along with estimated rates and numbers of out of school children, EPDC presents information about household survey sources, its methodology for calculating out of school estimates with household survey data, and 95 percent confidence intervals for estimates.

## MOST VULNERABLE CHILDREN IN TANZANIA

Access to education and patterns of non-attendance



Arusha Taray  
Brian Dooly  
Anne Smey



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## Most Vulnerable Children in Tanzania: Access to Education and Patterns of Non-attendance

FHI 360's Education Policy and Data Center explored the relationship between vulnerability and educational disadvantage by focusing on Uganda and Tanzania. This paper analyzes the extent to which "child vulnerability" indicators identified by the government of Tanzania are associated with lower educational access, and which additional indicators predict educational vulnerability.

EPDC looks forward to continue serving its partners and clients in improving evidence-based decision making and education planning by providing education data analysis, research, and user-friendly tools for better data utilization.

## CURRENT AND FORMER PARTNERS AND CLIENTS

- Australian Agency for International Development (AusAID)
- Canadian International Development Agency (CIDA)
- Global Partnership for Education (formerly EFA Fast Track Initiative)
- Google
- International Institute for Applied Systems Analysis (IIASA)
- Ministries of Education in Mozambique, Namibia, Southern Sudan, Pakistan, Zambia
- The Netherlands Ministry of Foreign Affairs (MINBUZA)
- OECD International Household Survey Network (IHSN)
- United Kingdom Department for International Development (DFID)
- UNESCO Global Monitoring Report (GMR)
- UNESCO Institute for Statistics (UIS)
- UNESCO International Institute for Educational Planning (IIEP)
- United States Agency for International Development (USAID)
- World Bank EdStats



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).

## EDUCATION POLICY AND DATA CENTER

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