

Ethiopia

Number Out of School
5,774,000

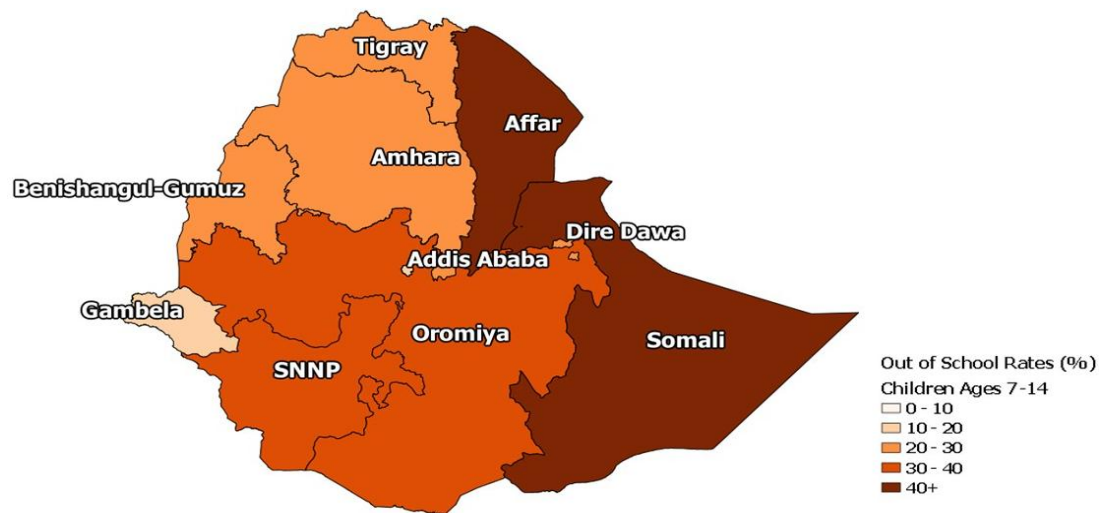
Percent Out of School
32%

Out of School Children of the Population Ages 7-14

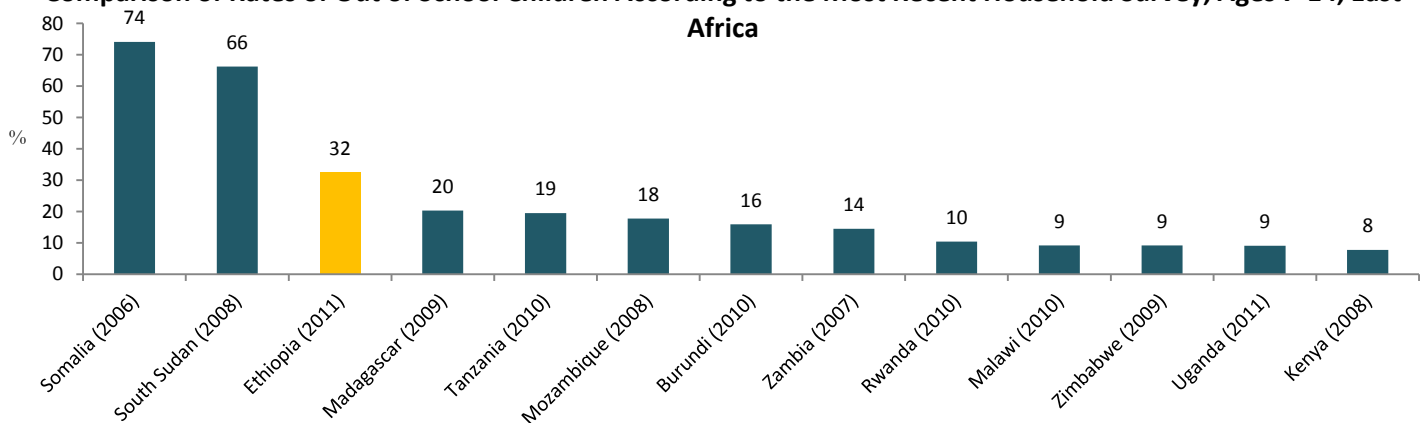
Source: Demographic and Health Survey (DHS) 2011

Comparison of Rates of Out of School Children Ages 7-14 across Ethiopia

Exact estimated rates and 95% confidence intervals for estimates are provided later in the profile.



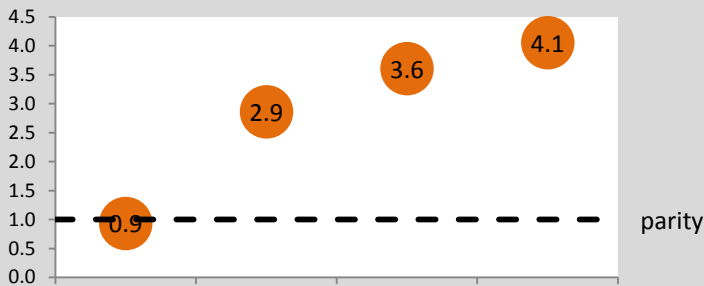
Comparison of Rates of Out of School Children According to the Most Recent Household Survey, Ages 7-14, East Africa



The Structure of the Education System in Ethiopia

Ethiopia has a 8-2-2 formal education structure that has been in place since 1994. Primary school has an official entry age of seven and a duration of eight grades. Secondary school is divided into two cycles: lower secondary consists of grades 9 - 10, and upper secondary consists of grades 11 - 12. In principle, primary education school is free and compulsory. Students sit for the Primary School Certificate Examination at the end of grade 8, the General Secondary Education Certificate Examination at the end of grade 10, and the Higher Education Entrance Certificate Examination at the end of grade 12. (UNESCO IBE, World Data on Education. Revised 10/2010).

Parity Indices



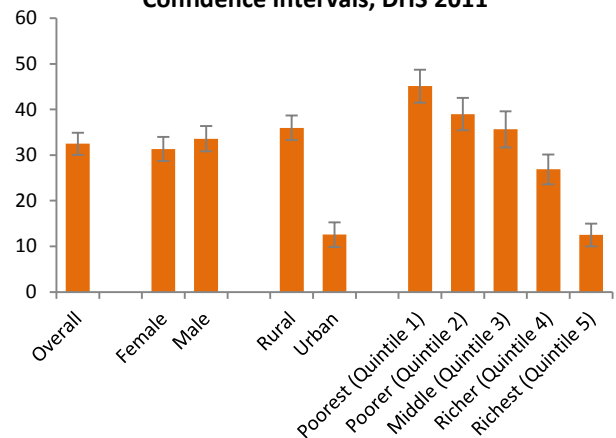
- Parity indices provide information about the greatest sources of inequality in a population. The graph at left provides ratios of different estimates of children aged 7-14 who are out of school. It shows, for example, that the out of school rate in rural areas is 2.9 times higher than that in urban areas.

- For Ethiopia, the greatest disparity in out of school rates is between children from provinces with the highest and lowest school participation rates. Children from the worst performing province are 4.1 times as likely to be out of school as children from the best.

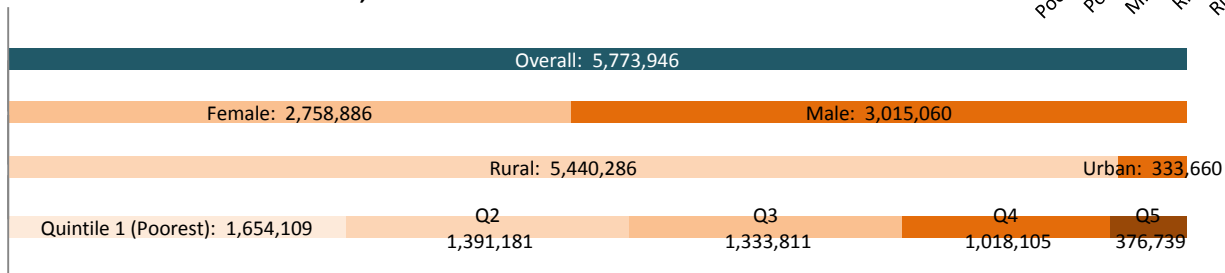
Out of School Children by Individual and Household Characteristics

- Fewer girls (31% or 2,758,886) are out of school than boys (34% or 3,015,060) in Ethiopia.
- Out of school rates for children from rural areas (36%) are higher than those for children from urban areas (13%). In terms of absolute numbers, there are more children out of school in rural areas (5,440,286) than in urban areas (333,660).
- Out of school rates are highest for children in the poorest wealth quintile (45%).

Rates of Out of School Children (%), with 95% Confidence Intervals, DHS 2011



Numbers of Out of School Children, DHS 2011



About Data Sources

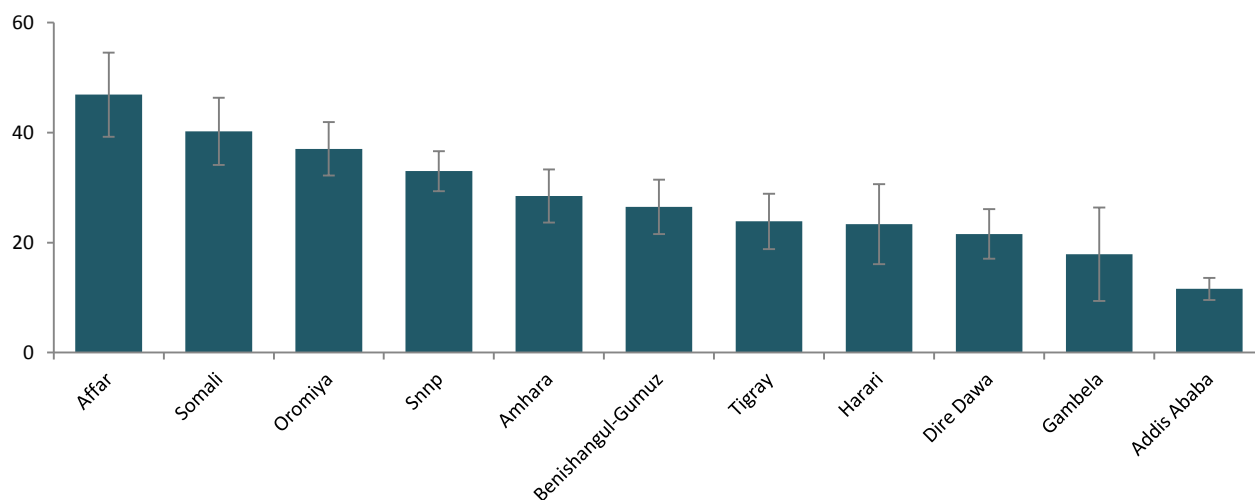
All out of school estimates presented in this profile are EPDC extractions of Demographic and Health Survey (DHS) data. DHS Surveys are conducted every several years and collect information on health, education, and other topics for households and individuals residing in those households. The 2011 Ethiopia DHS Survey is representative at the national and subnational level. For more information, please see <http://www.measuredhs.com/>.

Estimates of out of school children from household surveys can be expected to differ from administrative estimates, such as those from the UNESCO Institute for Statistics and national government agencies, because of differences between these sources in data collection and estimation methods for measuring school participation. For more information on the differences between these data sources, please see www.epdc.org.

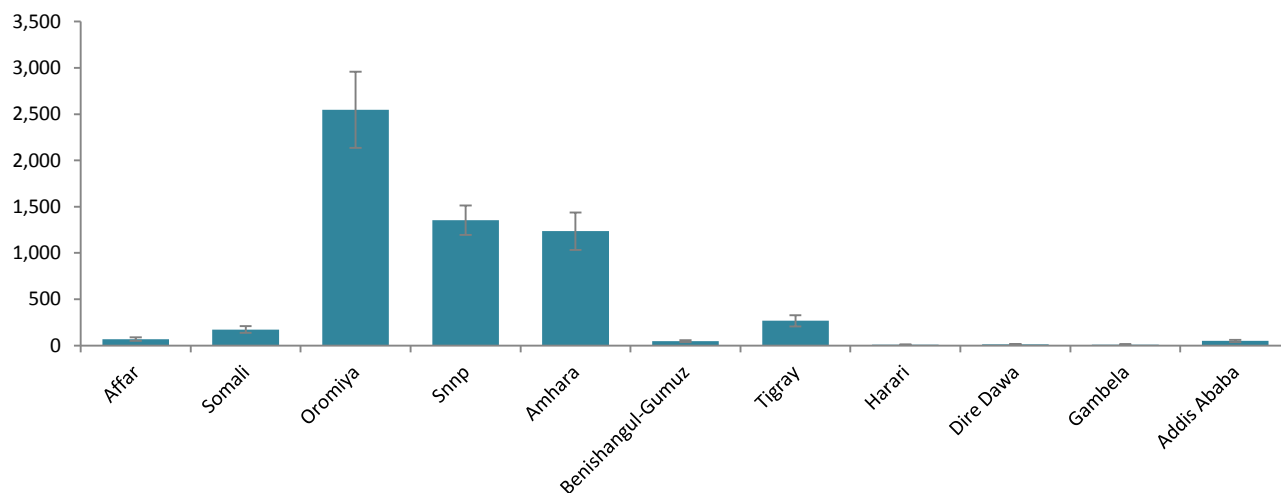
Out of School Children by Subnational Regions

- The subnational region with the highest percentage of children out of school is Affar (47%). Addis Ababa has the lowest rate of school non-participation (12%).
- The highest numbers of out of school children are located in Oromiya (2,546,775). Gambela has the lowest numbers of out of school children (9,755).

Rates of Out of School Children by Subnational Region (%), with 95% Confidence Intervals, DHS 2011



Numbers of Out of School Children by Subnational Region (# in thousands), with 95% Confidence Intervals, DHS 2011



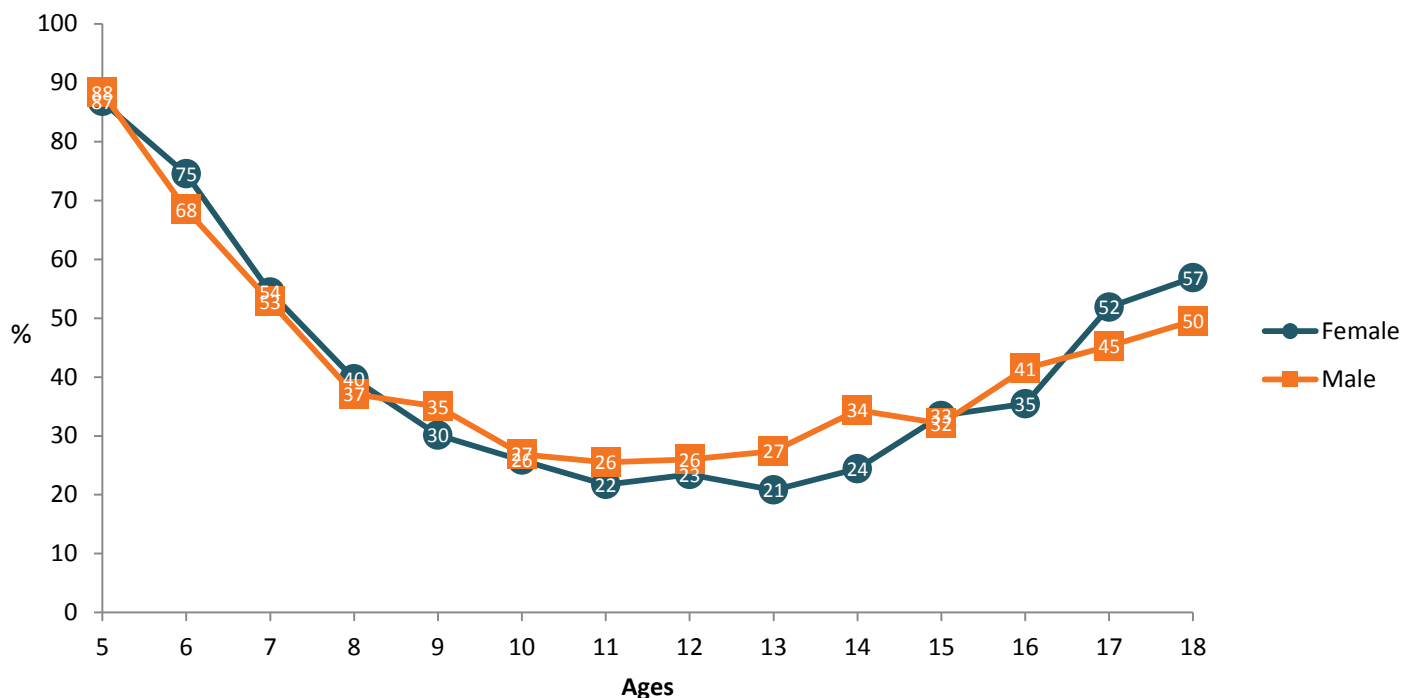
Why Ages 7-14?

EPDC presents data for ages 7-14. This age group captures the bulk of basic compulsory education in most countries, aids cross-national comparability of estimates, and conveys the normative international frameworks set by the Convention on the Rights of the Child and supported by the ILO Minimum Age Convention.

Out of School Rates by Age and Sex

- The official primary school entry age in Ethiopia is age 7. At that age, 54% of girls and 53% of boys are out of school.
- At age 15, 33% of girls and 32% of boys are out of school.
- School participation is highest for girls at age 13 and for boys at age 11.

Out of School Rates, by Age and Sex



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 (EPDC 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.

EPDC Estimated Rates and Numbers of Out of School Children based on DHS 2011 Presented with 95% Confidence Intervals

	Lower limit of 95% confidence interval	Estimated proportion of out of school children of the population ages 7-14 (%)	Upper limit of 95% confidence interval	Lower limit of 95% confidence interval	Estimated number of out of school children of the population ages 7-14 (#)	Upper limit of 95% confidence interval
National	30	32	35	5,281,984	5,773,946	6,265,908
Sex						
Female	29	31	34	2,507,248	2,758,886	3,010,525
Male	31	34	36	2,720,449	3,015,060	3,309,671
Area						
Rural	33	36	39	4,953,180	5,440,286	5,927,391
Urban	10	13	15	264,707	333,660	402,613
Relative Wealth						
Poorest Quintile	41	45	49	1,402,906	1,654,109	1,905,312
Poorer Quintile	35	39	43	1,211,941	1,391,181	1,570,421
Middle Quintile	32	36	40	1,117,226	1,333,811	1,550,396
Richer Quintile	24	27	30	850,712	1,018,105	1,185,498
Richest Quintile	10	13	15	292,110	376,739	461,369
Regions						
Affar	39	47	55	51,000	69,499	87,998
Somali	34	40	46	136,765	173,244	209,722
Oromiya	32	37	42	2,134,152	2,546,775	2,959,398
Snp	29	33	37	1,196,680	1,354,312	1,511,944
Amhara	24	28	33	1,031,602	1,235,099	1,438,595
Benishangul-Gumuz	22	26	31	35,383	45,676	55,970
Tigray	19	24	29	207,513	266,945	326,377
Harari	16	23	31	6,534	9,955	13,375
Dire Dawa	17	22	26	9,077	12,095	15,114
Gambela	9	18	26	4,188	9,755	15,322
Addis Ababa	10	12	14	38,462	50,591	62,720