

Use IFs (Download): Education

This is the approved revision of this page, as well as being the most recent.

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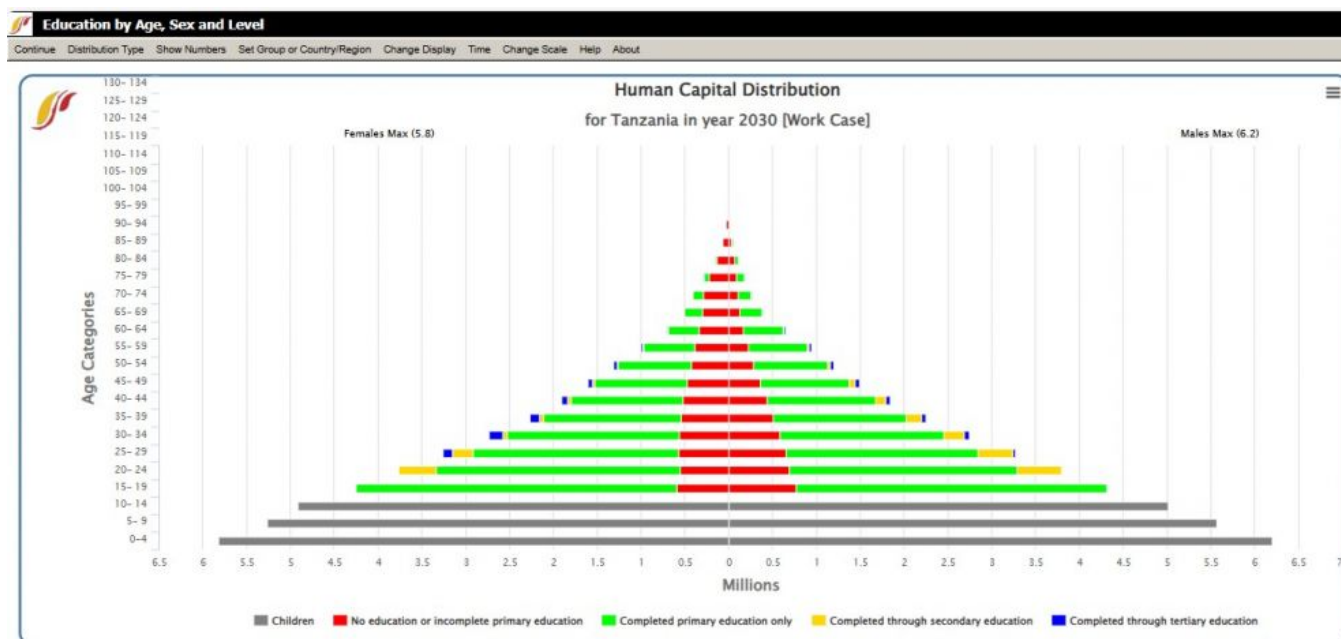
Education by Age, Sex, and Level

Learn more about the Education model on IFs.

To access the **Education by Age, Sex and Level** option, select Display from the Main Menu, then select sub-option Specialized Display and then **Education by Age, Sex and Level**. It is also accessible through the Main Menu Map options.

This display is broken down into levels of educational attainment with each level of attainment being distinguished by a different color. Educational attainment is broken down as follows: no formal education, primary education, secondary education, tertiary education and those too young to achieve formal education. Check with the legend at the bottom of the graph to see what colors represent each level of educational attainment.

From this display, there are several features and options that can be accessed using the menu bar at the top of the screen.



Projected educational attainment in Tanzania in 2030

These options and features include:

- **Continue:** Go back to the previous menu or to the Main Menu of IFs.
- **Distribution Type:** Select other types of Education charts to be displayed through clicking on one of the following sub-options.

- All levels of education for all age cohorts
- No completed formal education
- Primary, Secondary or Tertiary education levels
- Labor cohorts by level of education disaggregated by male, female or both
- **Compare Countries:** Compare four charts for different countries, years, scenarios, or any combination of the three. This option will initially bring up four charts for the country and distribution type most recently displayed for the next four 5-year increments for example 2030, 2035, 2040 and 2045. At the bottom of the compare countries screen, select which country, year and scenario desired to be displayed for each of the four graphs; after adjusting click Refresh to change the displays. To switch to a different type of education chart to compare, click Distribution Type from the menu bar and click the desired distribution.
- **Show Numbers:** Display the underlying data for the graph in the table format, broken down by educational level, gender, and age cohort. This gives a detailed view of the exact values represented visually. Export or print the data through Print Numbers and Save Numbers features.
- **Set Group or Country/Regions:** Select one of the following categories:
 - Countries/Regions
 - Groups
 - Hide Non Core Groups
- **Change Display:** Select type of display through clicking on one of the following sub-options.
 - Countries/Regions: A list will appear; scroll down and then click on the country of interest.
 - Set Year: A list will appear; scroll down and then click on the year of interest.
 - Change Scenario: Analyze how alternative pathways impact educational attainment and select different scenarios, including Base Case, Working File, and pre-defined scenarios such as SSP1 to SSP5 or SDG Push.
- **Time:** Project graphs through time using the Advance and Regress options.
- **Change Scale:** Customize the graph's scale with following options:
 - Fix Constant Scale across Time and Regions to standardize comparisons
 - Fix Constant Scale across Time to track changes within a single region over time
 - Fix Constant Scale Manually for user-defined scale adjustment
 - Use Percent of Population
- **Help:** Go to the corresponding page in the Pardee Wiki for the current feature or display.
- **About:** Not functioning in current version of IFs

Costs of Education Goals

This Specialized Display feature estimates the cost of achieving selected educational attainment goals for different units of countries or groups.

First, choose a scenario. Next, define an educational attainment goal by specifying the percentage of total enrollment for primary, secondary or tertiary education and set the Start and Target years.

The **Use Constant Cost** option at the top of the page fixes the per-student cost at the base year level throughout the analysis period and prevents cost changes over time from influencing the results. In the same way, the **Use Constant Enrollment** option holds enrollment levels constant, regardless of other scenario adjustments. These two features help to isolate specific variables without the results being affected by cost or enrollment fluctuations.

Scale-up Cost Display

Continue Display Format Group Options Help

Regions:

- Afghanistan
- Albania
- Algeria
- Angola
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahamas
- Bahrain
- Bangladesh
- Barbados
- Belarus
- Belgium
- Belize
- Benin
- Bhutan
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Brazil
- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cabo Verde
- Cambodia
- Cameroon
- Canada
- Central African Republic
- Chad

Scenarios: ☐ Use Constant Cost ☐ Use Constant Enrollment

- 0 - Working File, based on IFsBase.run.db
- 1 - IFsBase.run.db
- 2 - Combination.run.db
- 3 - IFsBaseHist.run.db
- 4 - JET Training.run.db
- 5 - SDG Push No Energy Training.run.db

☒ **Primary Enrollment Target %** 100 Using Gross Enrollment

☐ **Secondary Enrollment Target %** 100 Start in 2020

☐ **Tertiary Enrollment Target %** 100 Reach Goal in 2021

Add Table Line Graph Bar Graph Clear

☐ Show Unit Costs Check All ☐ Show Enrolment Rate Differentials

☐ Show As % of GDP Uncheck All ☐ Show Student Differentials

☐ Show As % of GOVCON ☐ Show Case Target and Differential

☐ Show Cost Diff. from Pop.

Scale-up Cost Display Window

There are several other options that can be accessed through the menu bar at the top of the screen. These options include:

- **Continue:** Go back to the previous menu or to the Main Menu of IFs.
- **Display Format:** This tool on the menu offers further customization of the following

features:

- **Set Title, Display Interval, or Year.** Edit specific display features for the graph, including axis titles and ranges, and the display year for a pie chart, scatterplot, or map.
- **Currency.** Specify a display currency and exchange rate.
- **Horizon.** A toggle will appear at the right side of the window with list to Change Horizon year. Run File Horizon Choice (With Multiple File Use). Shortest Run File Horizon, or Longest Run File Horizon
- **Group Options:** Select one of the following categories below. After that, a box with the list of Country/Regions, Groups or G-lists will appear on the left hand side of the display.
 - Using Countries/Regions
 - Using Groups
 - Using G-Lists
 - Using Decomposed groups
- **Help:** Got to the corresponding page in the Pardee Wiki with the current feature or display they are on.

Once parameters are set, click any of the boxes at the bottom of this display option and these variables will be loaded into the variable display box. Finally, choose an output—a table, line graph or bar graph—to visualize results.

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