

# Bridges to Prosperity – Makeover Monday Data Brief

10 January 2020

## About Bridges to Prosperity

Bridges to Prosperity (B2P) envisions a world where poverty caused by rural isolation no longer exists. B2P works with isolated communities to create access to essential healthcare, education, and economic opportunities by building footbridges over impassable rivers. Since 2001, B2P has worked with communities in 20 countries to build 318 bridges that collectively provide safe access to 1.1M people.

Bridges to Prosperity currently operates field programs in Bolivia, Rwanda, Uganda, and is currently in its first year of a scaling initiative in Rwanda, which will see the completion of more than 300 footbridges over a five-year period, creating new safe access for more than a million people.

Independent studies have demonstrated that B2P footbridges increase labor income by an average of 35.8%, farm profits by 75%, and the participation of women in the wage labor force by 60%, and that the annual return on investment at a community level is 20%. B2P believes that footbridges are a powerful and cost-effective tool for addressing poverty at scale.

## Bridge Data Summary

The dataset for this project includes footbridge projects completed, under construction, or confirmed for construction by B2P, in addition to footbridge projects supported by B2P and completed in partnership with other organizations. B2P's objective for this data is to visualize the scope of its impact to date, and create a template for visualizing its impact in real time on an ongoing basis. B2P's bridge data is currently housed in Salesforce, and its website is in WordPress.

Note: the number of identified sites was mistakenly included in the original visualization, and so has been omitted from the dataset for the Makeover Monday visualization.

### Fields:

|                           |  |
|---------------------------|--|
| <b>Country</b>            | Country in which bridge is located.  |
| <b>Level 1 Government</b> | Highest government administrative level, in terms of boundaries (examples: Province in Rwanda, Region in Uganda) |
| <b>Level 2 Government</b> | Second highest government administrative level, in terms of boundaries (example: District in Rwanda and Uganda)  |



|                                    |   |
|------------------------------------|---|
| <b>Bridge Name</b>                 | Name of the footbridge bridge site, as designated by local leaders or stakeholders  |
| <b>Project Code</b>                | Unique identifier for footbridge site, as designated by B2P   |
| <b>Year</b>                        | Year in which footbridge was completed or is slated to be completed.  |
| <b>Stage</b>                       | Stage of construction; Confirmed means that a contract has been signed and the bridge is slated for construction in the near future.  |
| <b>Individuals Directly Served</b> | B2P's conservative estimate of the number of people with safe access to critical destinations such as schools, health centers, markets, labor opportunities, or transportation networks as a result of the footbridge at the site.  |
| <b>GPS</b>                         | Coordinates for the bridge site. Typically, these are taken from the center of the river, along the proposed (or completed) bridge centerline.  |
| <b>Bridge Type</b>                 | The type of the bridge, according to B2P's standard designs: cable suspended or cable suspension footbridges.   |
| <b>Span</b>                        | The length of the bridge, in meters.  |
| <b>Project Type</b>                | B2P Built projects are those that were overseen exclusively by B2P staff, in partnership with local governments. In some cases, B2P Built projects also receive volunteer and financial support through its <a href="#">Industry Partnership Program</a> . B2P Supported projects are that were built by partner organizations, with significant design, construction, materials, and/or logistical support from B2P. |

### Global Indicators Data Summary:

|  |   |
|--|---|
| <b>Dataset</b>                         | <a href="https://bridges.bbox.com/s/7kloiebfXlni6ruhmv3wqyw8zclgep81">https://bridges.bbox.com/s/7kloiebfXlni6ruhmv3wqyw8zclgep81</a>   |
| <b>Rural Access Index</b>              | The <a href="#">Rural Access Index</a> (RAI) is an indicator developed by the World Bank to measures the proportion of the rural population in a given geography who live within 2 km of an all-season road. It was originally developed in 2006, and the methodology was <a href="#">revised in 2016</a> to include spatial data and techniques. The RAI is a key indicator for B2P in its development of a strategy to address poverty caused by rural isolation on a global scale. |
| <b>Rural % of Total Population</b>     | A World Bank indicator noting the percent of the total population living in rural areas.  |
| <b>Total Rural Population</b>          | A World Bank indicator noting the total estimated number of people living in rural areas.   |
| <b>Rural Population without Access</b> | The most recent published RAI value multiplied by the most recent published total rural population value.   |
| <b>Human Development Index</b>         | The <a href="#">Human Development Index (HDI)</a> is a summary measure developed by the United Nations Development Programme that indicates the average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and have a decent standard of living. The HDI is the geometric mean of normalized indices for each of the three dimensions.  |

### Assets and Links:

|                       |  |
|-----------------------|--|
| <b>B2P Website</b>    | <a href="http://bridgestoprosperity.org">bridgestoprosperity.org</a>                                       |
| <b>Current Webmap</b> | <a href="http://bridgestoprosperity.org/global-work/rwanda">bridgestoprosperity.org/global-work/rwanda</a> |



|                       |   |
|-----------------------|---|
| <b>Brand Guide</b>    | <a href="https://bridges.box.com/s/e4hwn445i595l8zi8diq1z9of3ij3mkq">https://bridges.box.com/s/e4hwn445i595l8zi8diq1z9of3ij3mkq</a>   |
| <b>Logos</b>          | <a href="https://bridges.box.com/s/66na3citn7woz2qyq0m14hde8r9e4ng2">https://bridges.box.com/s/66na3citn7woz2qyq0m14hde8r9e4ng2</a>   |
| <b>Fonts</b>          | <a href="https://bridges.box.com/s/iu2ogcevx0vhi5s5ayonbour727fe9rc">https://bridges.box.com/s/iu2ogcevx0vhi5s5ayonbour727fe9rc</a>   |
| <b>Bridge Dataset</b> | <a href="https://bridges.box.com/s/pdvbowjrsakl6t2mmx0zpnzm1f1tzzu2">https://bridges.box.com/s/pdvbowjrsakl6t2mmx0zpnzm1f1tzzu2</a>   |
| <b>Example Photos</b> | <a href="https://bridges.box.com/s/nryce5h29us947z7u8n8yde5xvitwuc8">https://bridges.box.com/s/nryce5h29us947z7u8n8yde5xvitwuc8</a><br>(all photo credits to Collin Hughes) |
| <b>Instagram</b>      | @bridgestoprosperty   |
| <b>Twitter</b>        | @B2P  |
| <b>Facebook</b>       | <a href="https://www.facebook.com/BridgestoProsperity/">https://www.facebook.com/BridgestoProsperity/</a>   |
| <b>LinkedIn</b>       | <a href="https://www.linkedin.com/company/bridges-to-prosperity">https://www.linkedin.com/company/bridges-to-prosperity</a>   |
| <b>Tableau Public</b> | <a href="https://public.tableau.com/profile/bridges.to.prosperity#!/">https://public.tableau.com/profile/bridges.to.prosperity#!/</a>                                       |

