

The site presents key high level data for the Africa continent. The site is designed to be reference, information and educational in purpose. The data presentation is designed to be easily consumable.

The data structure is top down, providing a level of context in terms of population and GDP size relative to the rest of the world. The continent level data for population and GDP will be presented graphically in a time series for context ease of reference.

There will be a table of country data for both population and GDP parameters for the most recent year that data is available (currently up to 2018). On the table, the country name can be clicked in order to drop down into country level data.

The site is designed to be developed in the future to provide similar functionality for all continents with country drop downs. In addition, more data types can be added to enrich the information at continent level and country level.

At a lower level it will be possible to search on specific country data using a click down on the country tag in the main table, or to use a drop down search function lower down the page.

Website colour and theme design will mainly come from the header image and then through the presentation of the images, maps, data tables and graphs. The header image, tables and graphs will follow consistent key colour, font and design themes. Background colour for the body will be a 'neutral' background to 'push the information forward from the page. Colour schemes and designs appear to be limited n Balsamiq.

The country search returns consistent data to the main summary page providing population and GDP data for that country for a time series (currently up to 2018) in graphical format. The country page will also show a map for that country entered on the capital city. An image will also be provided of the capital city, or a part thereof, to provide a 'feel' for that city.

The sources for the data are;

1. Google maps for the Africa map and the country maps;
2. Referential API data for the Country names and codes;
3. Country flag images from 'www.countryflags.io';
4. World Bank API for Country capital city and the map coordinates for the city;
5. World bank API for population data;
6. World Bank API for GDP data;
7. Chart.js for graph capability; and
8. EmailJS for email connectivity in the contact form.

There are essentially 'two' pages (which are each designed to scroll for view):

1. The main Africa content page consists of the Africa map, table data, graphical data, search box and the contact details sections: and
2. The Country level data returned as a search from the table data or the search box.

On the country data page the user will also be presented with the search box to search for another country.

The user will also be presented with the contact details box.

The Main Menu will run across the top of at all times so that it remains possible to navigate quickly to any section of the site. In the mobile view the menu will transform to 'hamburger' format.

The site is designed to be responsive to all screen sizes and device types. The bootstrap library grid system will be utilised to effect the responsiveness. On wide screens, information will be provided horizontally, whereas on smaller screens the information will be stacked vertically.



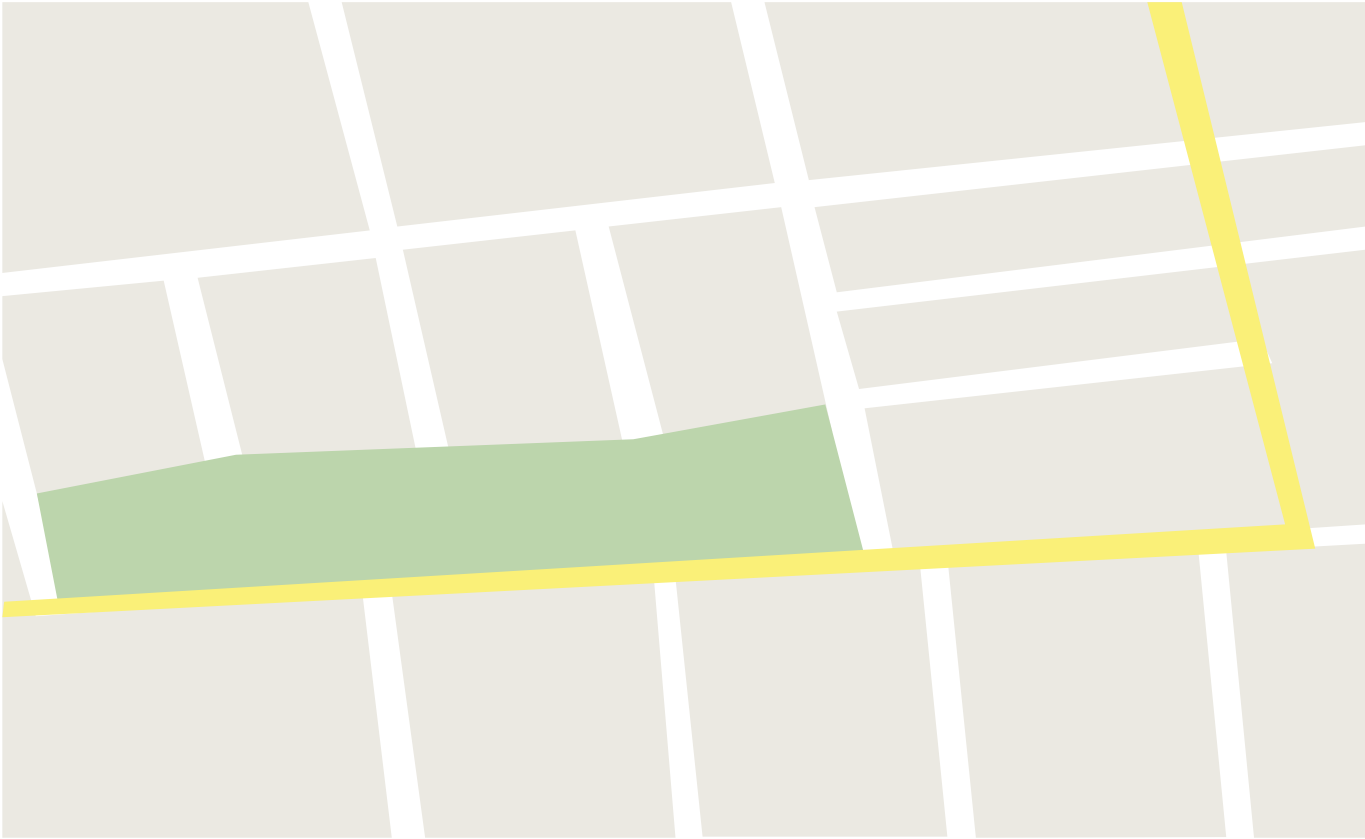
Country Table (Population & GDP)

Country	Capital	Population	GDP
Nxxxxx	Zyyyyy	100000000	385000000000
Dvvvvvvv	Ghhhhh	68000000	250000000000
Cnnnnnnnn	Kkkkkkk	89000000	175000000000
Zxxxxxx	Hvcvcvc	55000000	125000000000
Nxxxxx	Zyyyyy	100000000	185000000000
Dvvvvvvv	Ghhhhh	68000000	670000000000
Cnnnnnnnn	Kkkkkkk	89000000	175000000000
Zxxxxxx	Hvcvcvc	55000000	125000000000
Dvvvvvvv	Ghhhhh	68000000	670000000000
Zxxxxxx	Kkkkkkk	89000000	175000000000

Search for a country specific details, includes map, images and further details on population and economic growth by GDP.

Q Drop down by country ^v,

Africa Map



CONTACT DETAILS

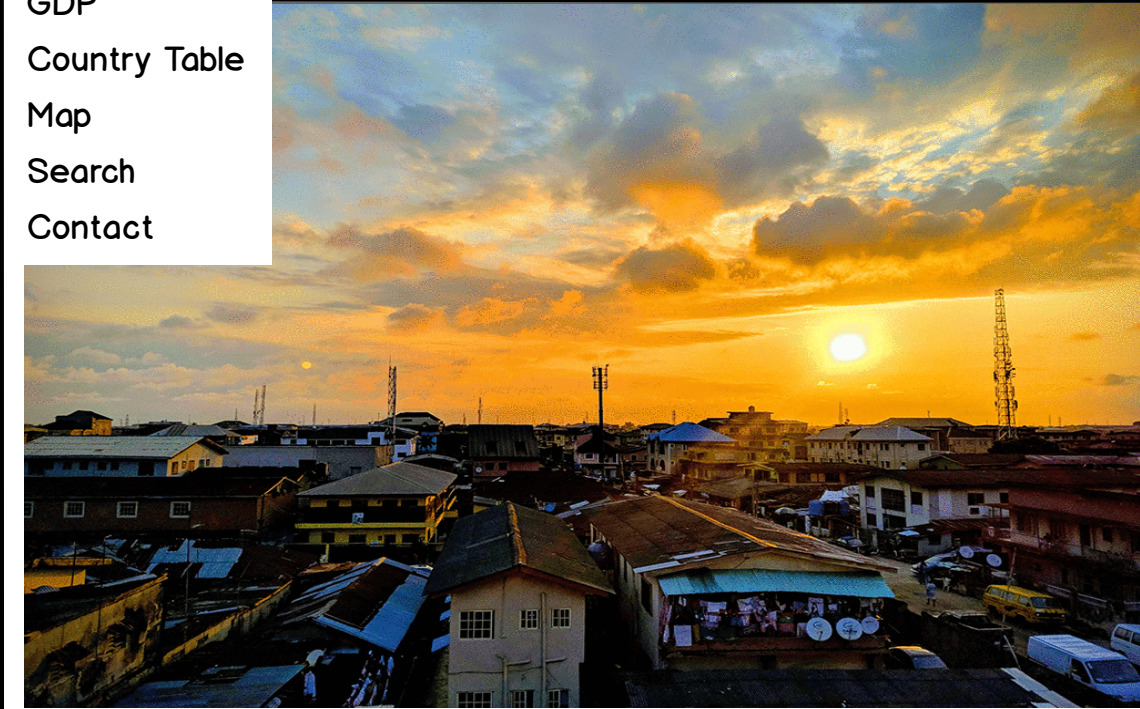
We often make changes, additions, updates on the site. If you'd like to be notified of any changes or updates, supply your details below and we will SMS/email whenever changes take place.

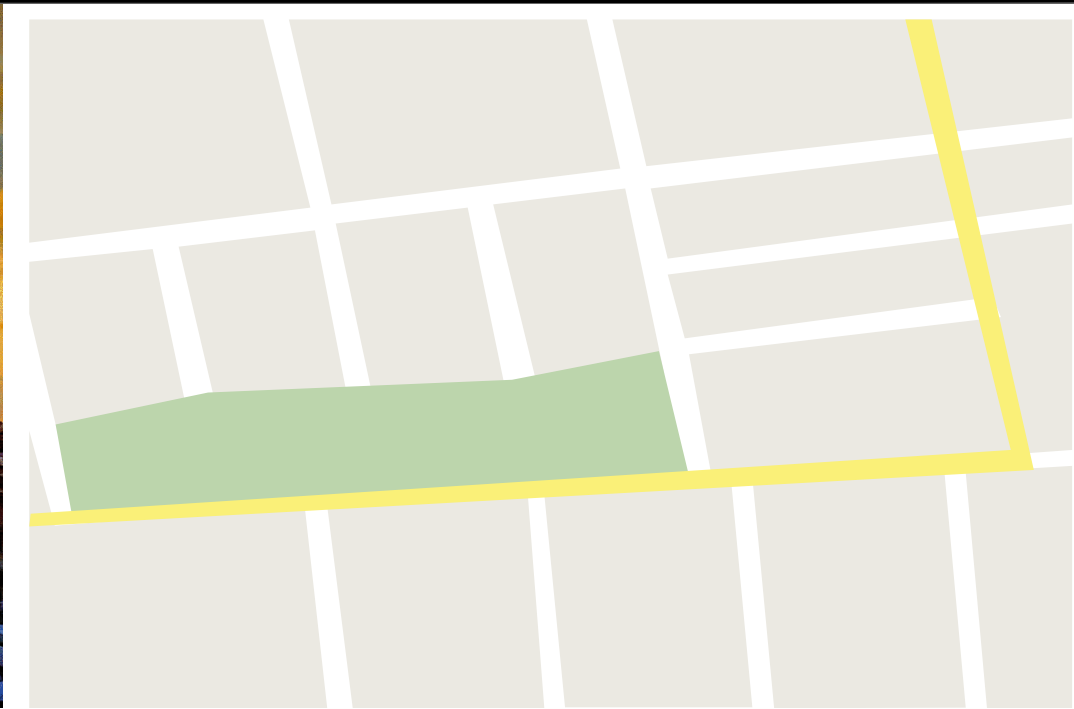
First Name

Second Name

Email Address

Contact No. +XX (0) xxx xxxxx

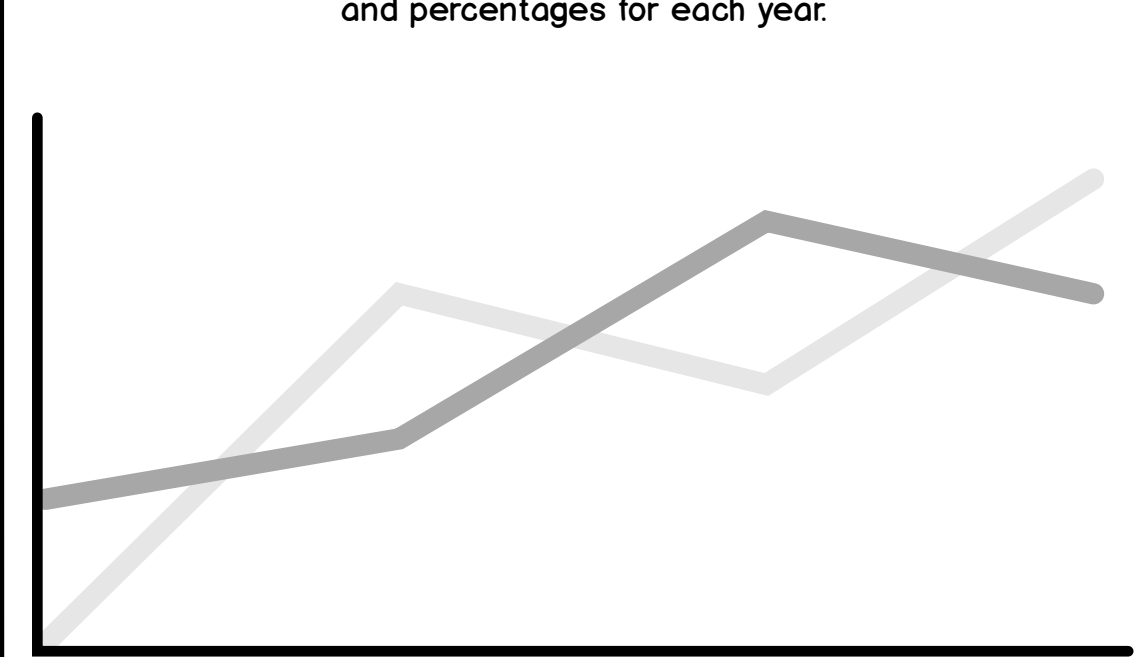




Year	Population	GDP
2018	100000000	385000000000
2017	68000000	250000000000
2016	89000000	175000000000
2015	55000000	125000000000
2014	100000000	185000000000

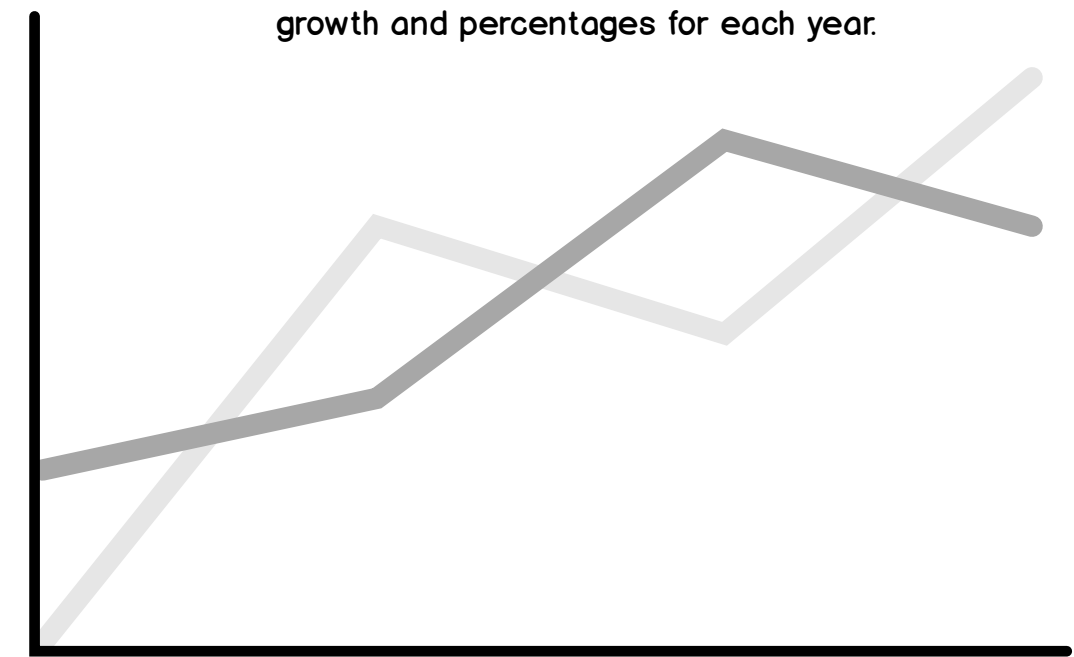
### Population

Table of growth for 2014 to 2018. Graph of that growth and percentages for each year.



### Economic Growth (GDP)

Table of growth for 2014 to 2018. Graph of that growth and percentages for each year.



Search for a country specific details, includes map, images and further details on population and economic growth by GDP.

Drop down by country ^v

CONTACT DETAILS

We often make changes, additions, updates on the site. If any changes or updates, supply your details below and w changes take place.

First Name

Second Name

Email Address

Contact No. +XX (0) xxx xxxxx

09:52 AM



# Africa



Some eternal text about the site intentions, sources of information and what it shows. It will describe a wider scope intent to provide a similar structure of information for other 'continents' and their respective country information and data.

## Information

General information about number pf countries, size in terms of land mass, population, economy relative to the rest of the world.

## Population

2014 - 2018

Table of growth for 2014 to 2018. Graph of that growth and percentages for each year.

