

# IRF World Road Statistics

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## Data Source Summary

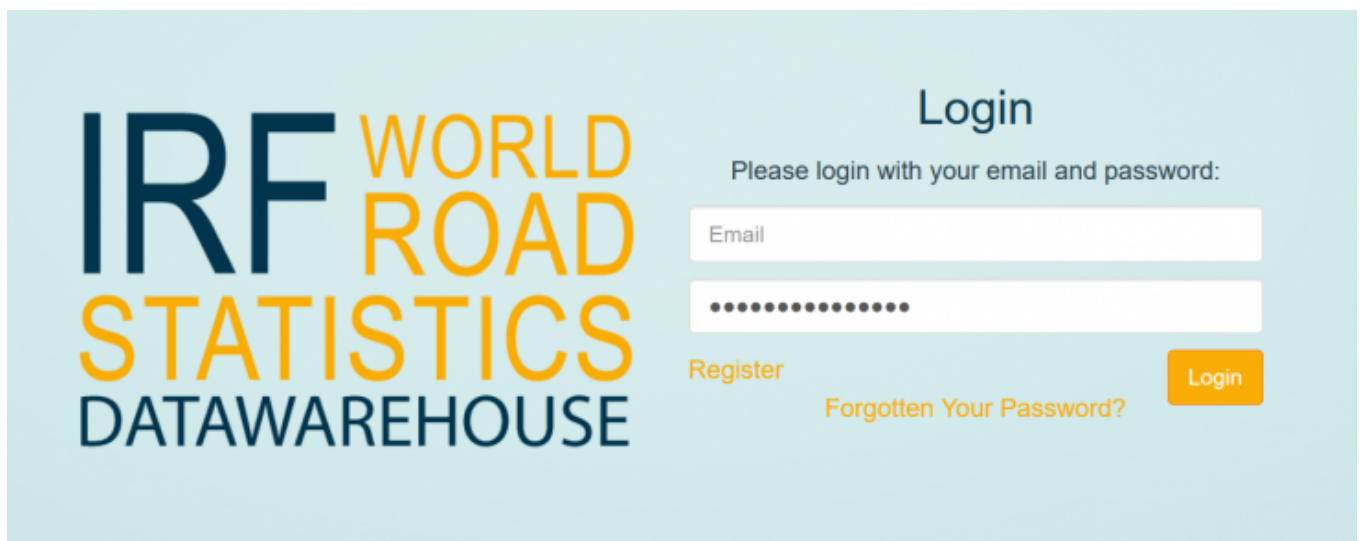
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The International Road Federation (IRF) maintains a database known as World Road Statistics (WRS), comprising over 200 series for over 200 countries. The database is a tremendous resource for infrastructure data, specifically transportation network data. WRS contains information on total road length, but also contains filters to view paved vs. unpaved roads, the kinds of traffic (commercial vs. private), the vehicles using the roadway, accidents and the consequences of them, and more.

To IFs, the IRF provides an important window into the transportation infrastructure of a country. A robust, paved road network makes it easier for a country's exporters to access ports, and for its citizens to find jobs if they are scarce locally. IFs uses three preprocessors from this data source: RoadsPavedKm, the total length of paved roads in a country measured in kilometers; RoadsTotalNetwork, the total length of roads paved or unpaved; and RoadsPaved%, the proportion of the total network which is paved.

### Pulling Instructions:

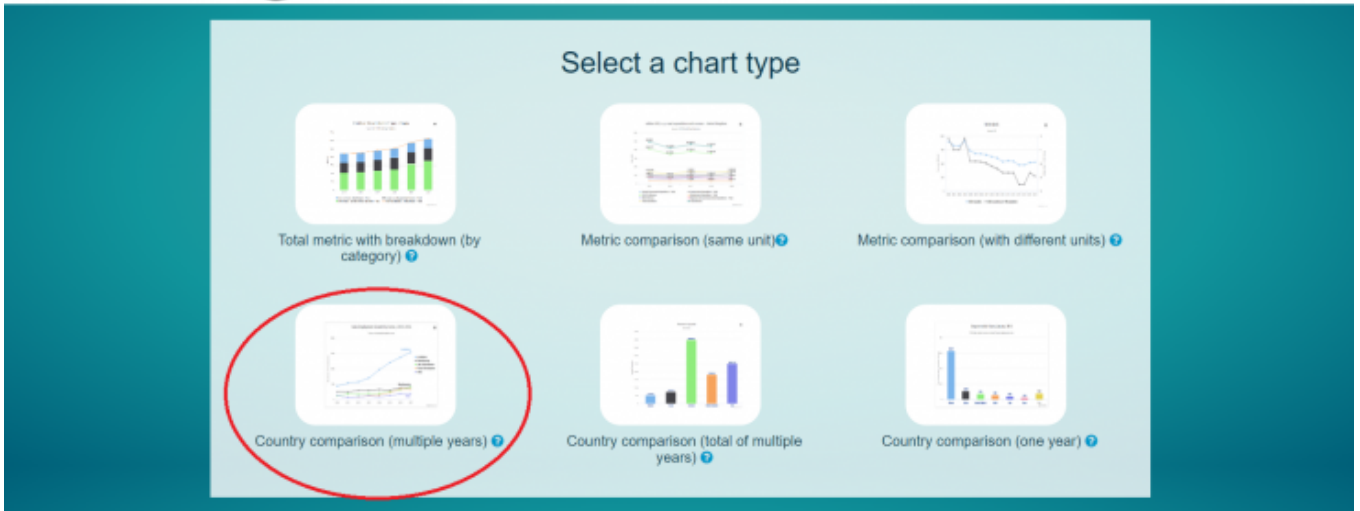
Step 1) Navigate to <https://datawarehouse.worldroadstatistics.org/users/login>. If necessary, register. The registration process is short, and provides immediate access to the data warehouse



The screenshot shows the login page for the IRF World Road Statistics Data Warehouse. On the left is the logo with 'IRF' in blue and 'WORLD ROAD STATISTICS DATAWAREHOUSE' in orange and blue. On the right, the title 'Login' is centered. Below it, the instruction 'Please login with your email and password:' is followed by two input fields: 'Email' and a password field with masked characters. At the bottom of the form area, there are three elements: a 'Register' link, a 'Forgot Your Password?' link, and an orange 'Login' button.

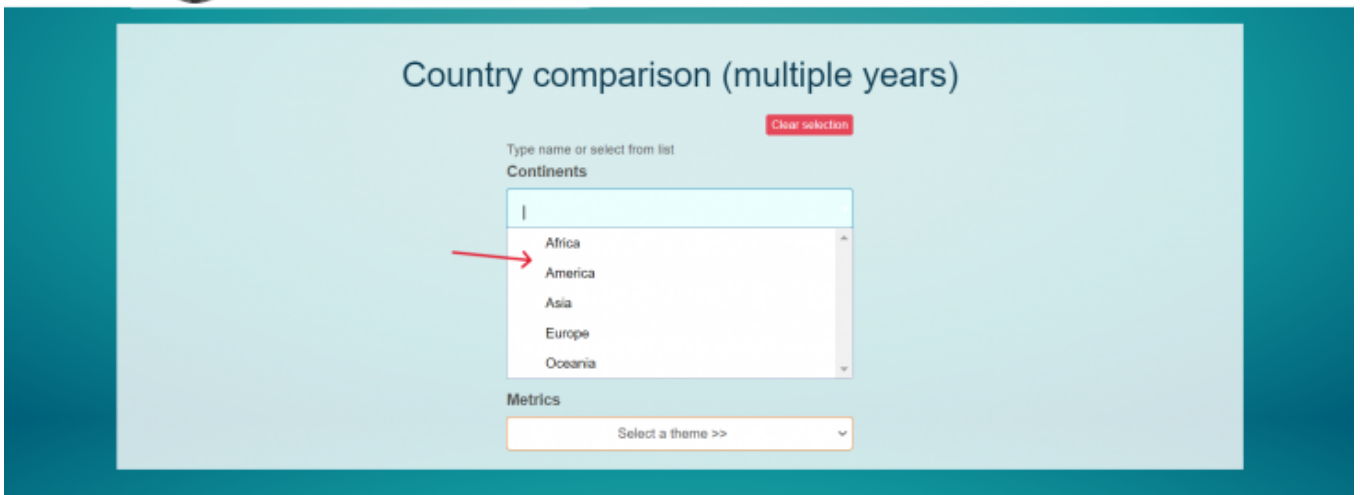
IRF World Road Statistics Login Page

Step 2) Select "Country Comparison - Multiple Years" under Chart Type.



Select Country Comparison (Multiple Years)

Step 3) Manually select each continent in the selection box.



Select each continent manually

Step 4) In the countries box, select "all countries".



## Country comparison (multiple years)

Clear selection

Type name or select from list

Continents

Africa X America X Asia X Europe X  
Oceania X

Countries

All countries  
Afghanistan  
Albania  
Algeria  
American Samoa

Select "All countries"

Step 5) Under themes, select an option. Most IFs preprocessors will be under "Road Network". This example will continue with that selection.



## Country comparison (multiple years)

Clear selection

Type name or select from list

Continents

Selected >>  
Road Network  
Road Traffic  
Multimodal Traffic  
Vehicles In Use  
Road Accidents  
Production, Imports, First Registrations and Exports of Vehicles  
Road Expenditures and Revenues  
Fuel Prices  
CO2 Emissions  
Energy Consumption  
Country Profiles Geography  
Country Profiles Economy

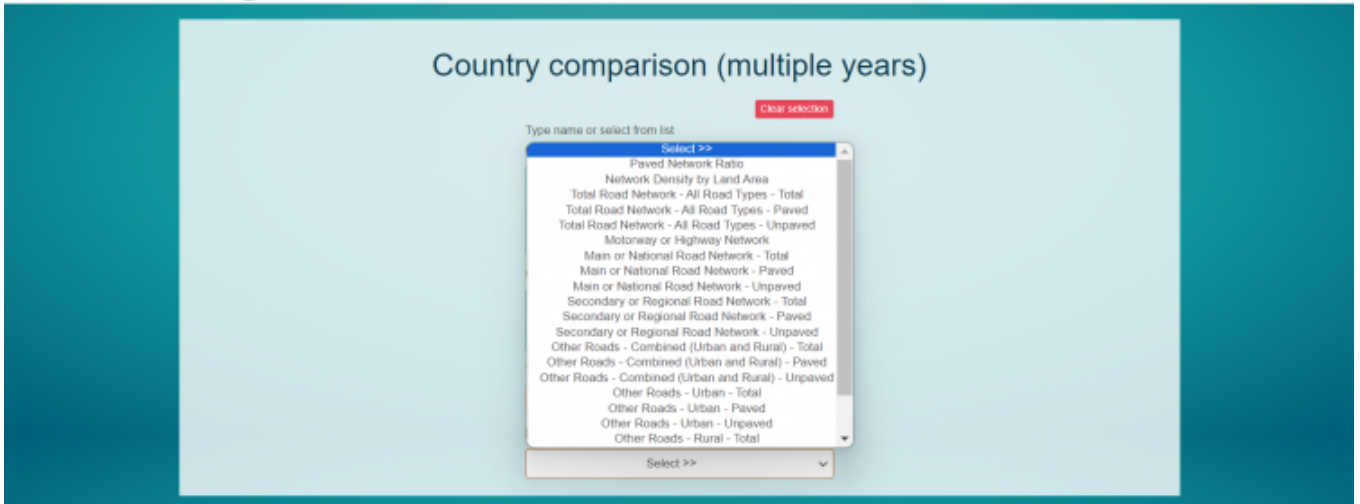
Select >>

Metrics

Select desired option under "Themes"

Step 6) Under "Metrics", select desired series.

- For the preprocessor RoadPavedKm, select "Total Road Network- All Road Types - Paved"
- For the preprocessor RoadsTotalNetwork, select "Total Road Network- All Road Types - Total"
- For the preprocessor RoadsPaved%, select "Paved Network Ratio"



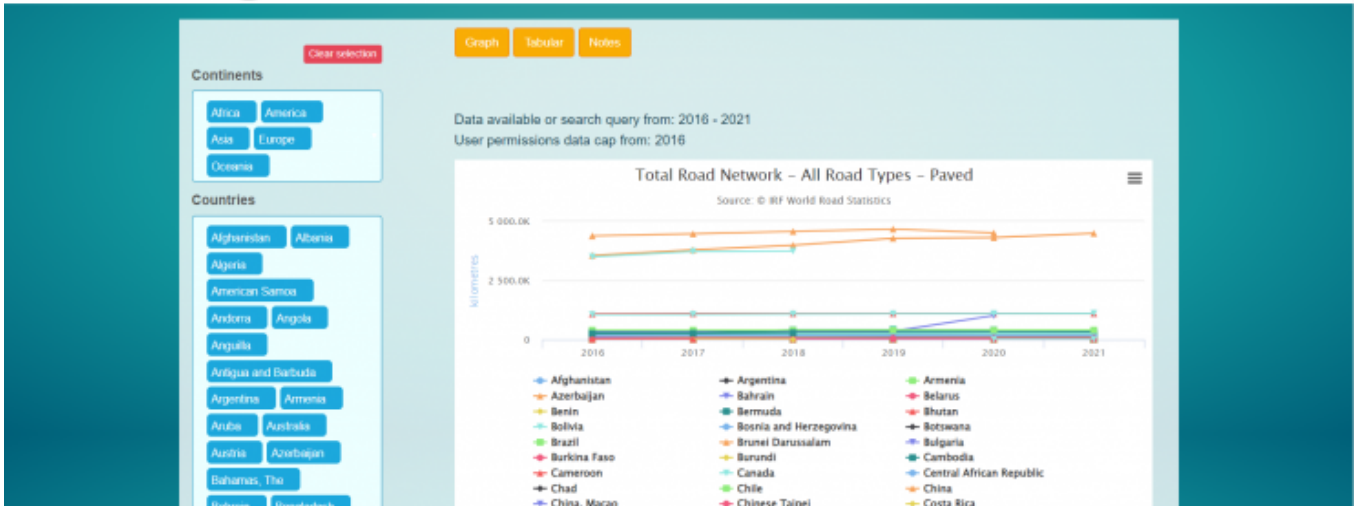
Select desired series under "Metrics"

Step 7) After those four selections are complete, the Country comparison page will look like this. Select "Show Graph".



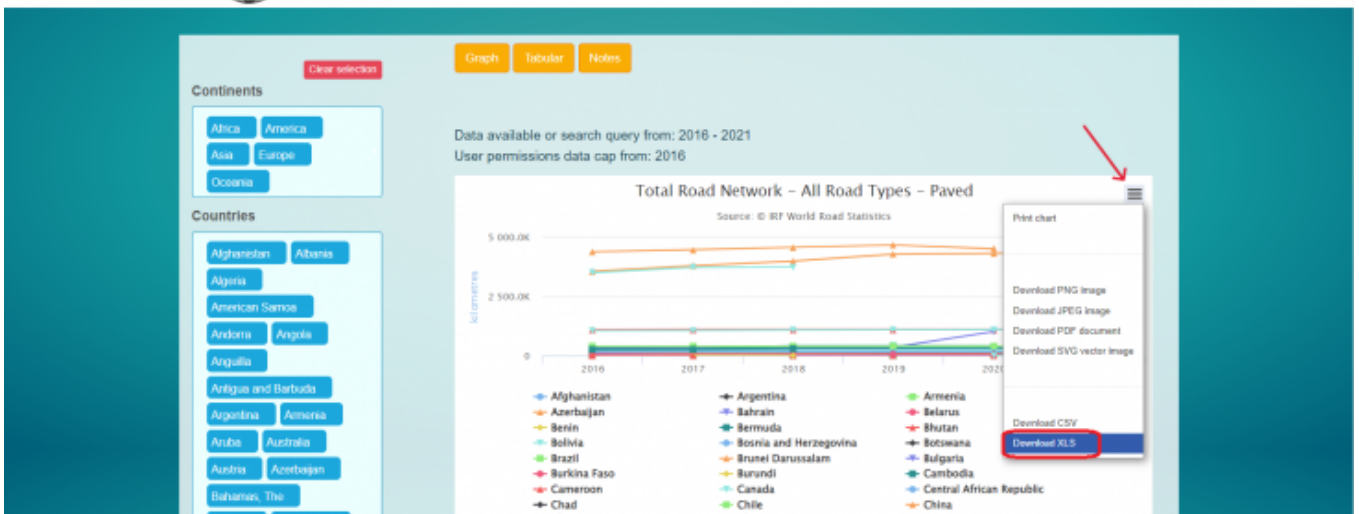
Country completion page after selection

Step 8) A new page will populate.



WRS Graph Page

Step 9) Click on the three bar menu in the upper right corner of the graph, then "download as CSV" or "download as XLS".



Download the data series

Step 10) An Excel sheet will download. The downloaded spreadsheet is in time series data. If necessary, pivot the Excel sheet to bring it into IFs import format. Now you can format the data to upload it into IFs. To import data into IFs, please follow the instructions found in the Importing Data (general instructions) page.

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