

IRF World Road Statistics

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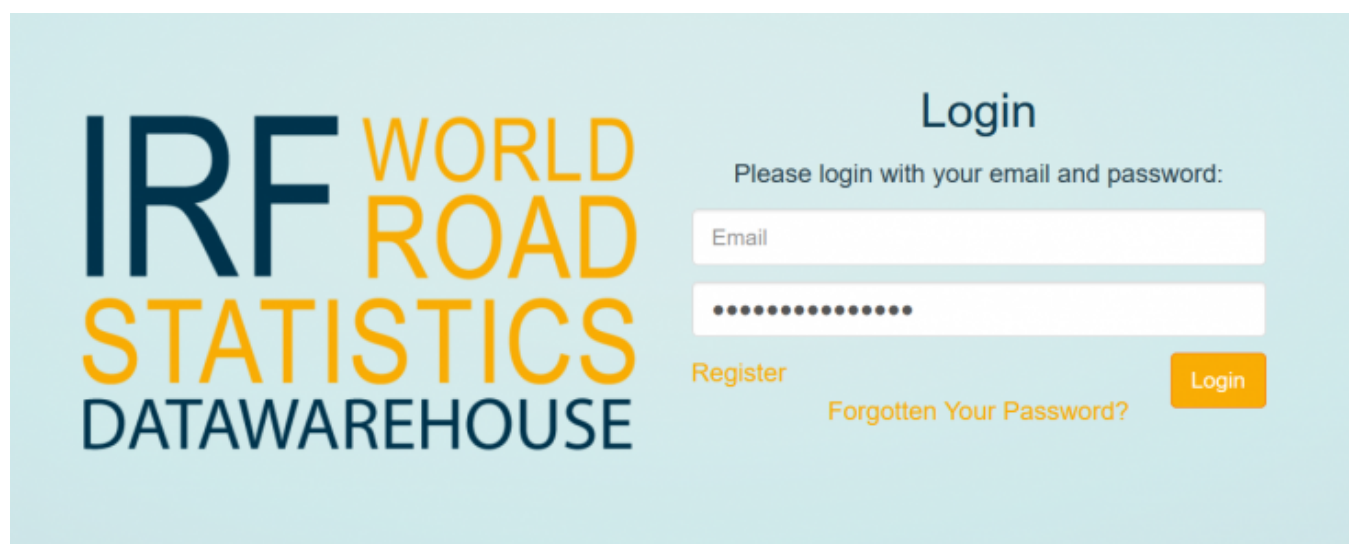
Data Source Summary

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:

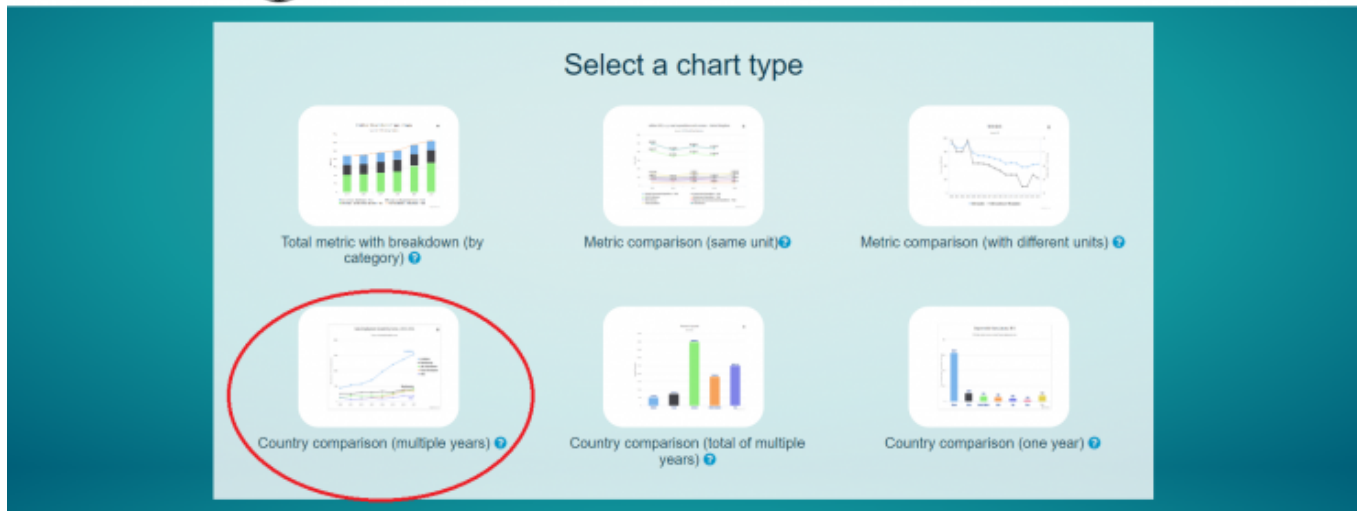
Step 1) Navigate to <https://datawarehouse.worldroadstatistics.org/users/login>. If necessary, register. The registration process is short, and provides immediate access to the data warehouse



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, under the heading 'Login', is the instruction 'Please login with your email and password:'. Below this are two input fields: 'Email' and a password field with masked characters. To the left of the password field is a 'Register' link. To the right of the password field is a 'Forgotten Your Password?' link and an orange 'Login' button.

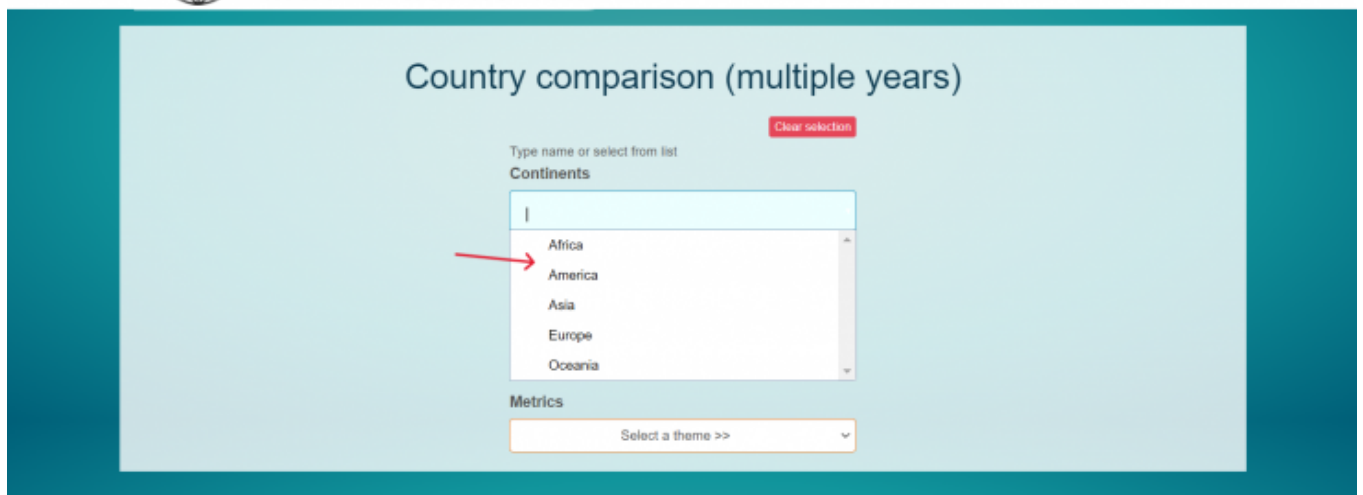
IRF World Road Statistics Login Page

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)

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)

Type name or select from list

Continents

Select >>
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"



Country comparison (multiple years)

Type name or select from list Clear selection

Select >>

Paved Network Ratio

Network Density by Land Area

Total Road Network - All Road Types - Total

Total Road Network - All Road Types - Paved

Total Road Network - All Road Types - Unpaved

Motorway or Highway Network

Main or National Road Network - Total

Main or National Road Network - Paved

Main or National Road Network - Unpaved

Secondary or Regional Road Network - Total

Secondary or Regional Road Network - Paved

Secondary or Regional Road Network - Unpaved

Other Roads - Combined (Urban and Rural) - Total

Other Roads - Combined (Urban and Rural) - Paved

Other Roads - Combined (Urban and Rural) - Unpaved

Other Roads - Urban - Total

Other Roads - Urban - Paved

Other Roads - Urban - Unpaved

Other Roads - Rural - Total

Select >>

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 comparison (multiple years)

Type name or select from list Clear selection

Continents

Africa

America

Asia

Europe

Oceania

Countries

All countries

Themes

Road Network

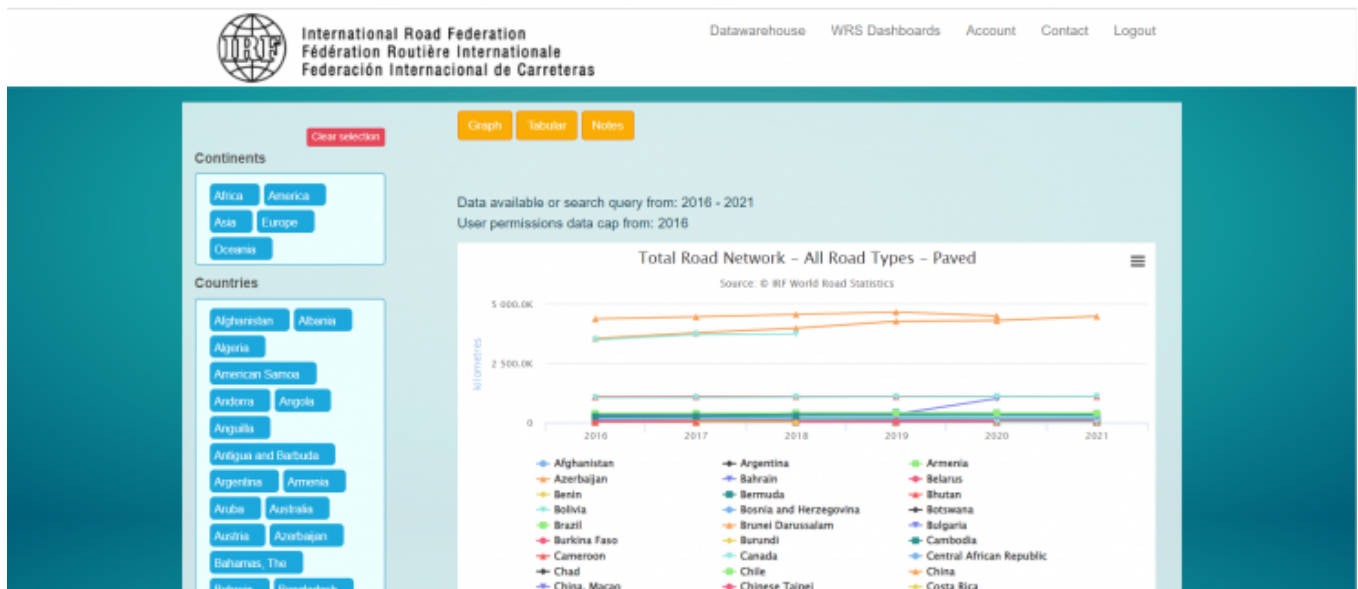
Metrics

Total Road Network - All Road Types - Paved

Show Graph

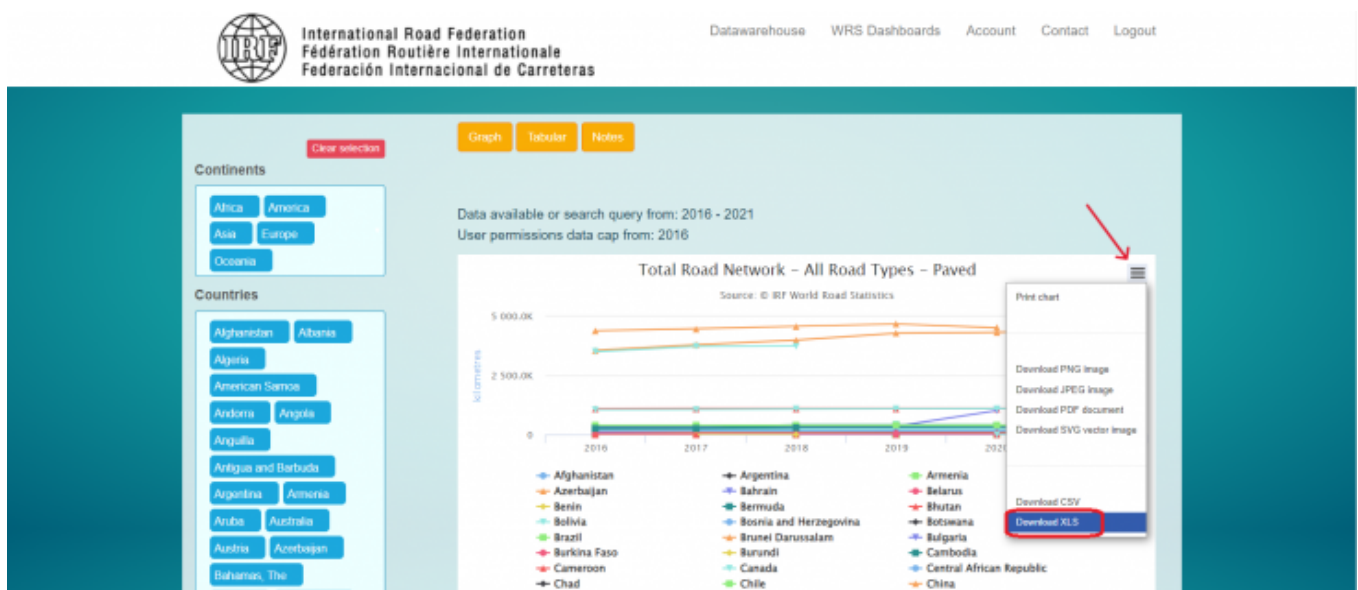
Country completion page after selection

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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