SomNOG 2

Conference : 22nd - 23rd Nov. 2017

Research on Internet Usage and its Implications

Agenda

- Examples of conflicting data and stats
- What are these numbers based on
- The reason for the conflicting data
- Open Data – a solution to the misrepresenting research findings
- The Policy Implications

Some of what others are saying about our Internet industry

192,775
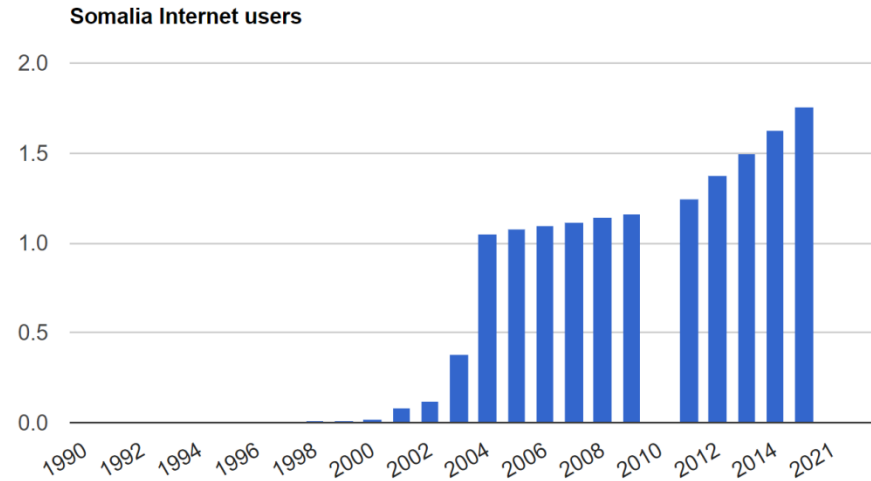
Internet Users in Somalia (2016*)

Share of Somalia Population: **1.7 %** (penetration)

Total Population : **11,079,013**

Share of World Internet Users: **0 %**

Internet Users in the World: **3,424,971,237**

InternetLiveStats

Somalia Internet users

InternetLiveStats

	Population (2017 Est.)	Internet Users 31-Dec-2000	Internet Users 30-June-2017	Penetration (% Population)	Internet Growth % 2000 - 2017	Facebook subscribers 30-Jun-2017
Sierra Leone	6,732,899	5,000	792,462	11.8 %	15,749.2 %	310,000
Somalia	11,391,962	200	900,000	7.9 %	449,900.0 %	900,000
South Africa	55,436,360	2,400,000	29,935,634	54.0 %	1,147.3 %	16,000,000

Internet World Stats

Data set	Rank	Value	Year	Drill Down	Source
Internet users	164	119,461	2011		Worldbank
Fixed broadband Internet subscribers	116	82,000	2015		Worldbank
Fixed broadband Internet subscribers, per 100 people	155	0.74	2015		Worldbank
Internet host computers	195	186	2012	-	CIA World Factbook
Secure Internet servers	199	3	2016		Worldbank
Secure Internet servers, per 1 million people	209	0.21	2016		Worldbank

General data

Data set	Rank	Value	Year	Drill Down	Source
Population, total	80	11,122,711	2015		UN Data
Area (sq. km)	42	637,660.0	2016		Worldbank
Gross domestic product in exchange rates (US $)	154	6,217,000,000	2016		Worldbank
Gross domestic product per capita (US $)	201	434	2016		Worldbank

Source: Factfish.com (http://www.factfish.com/statistic-country/somalia/internet%20users)

And you have to pay
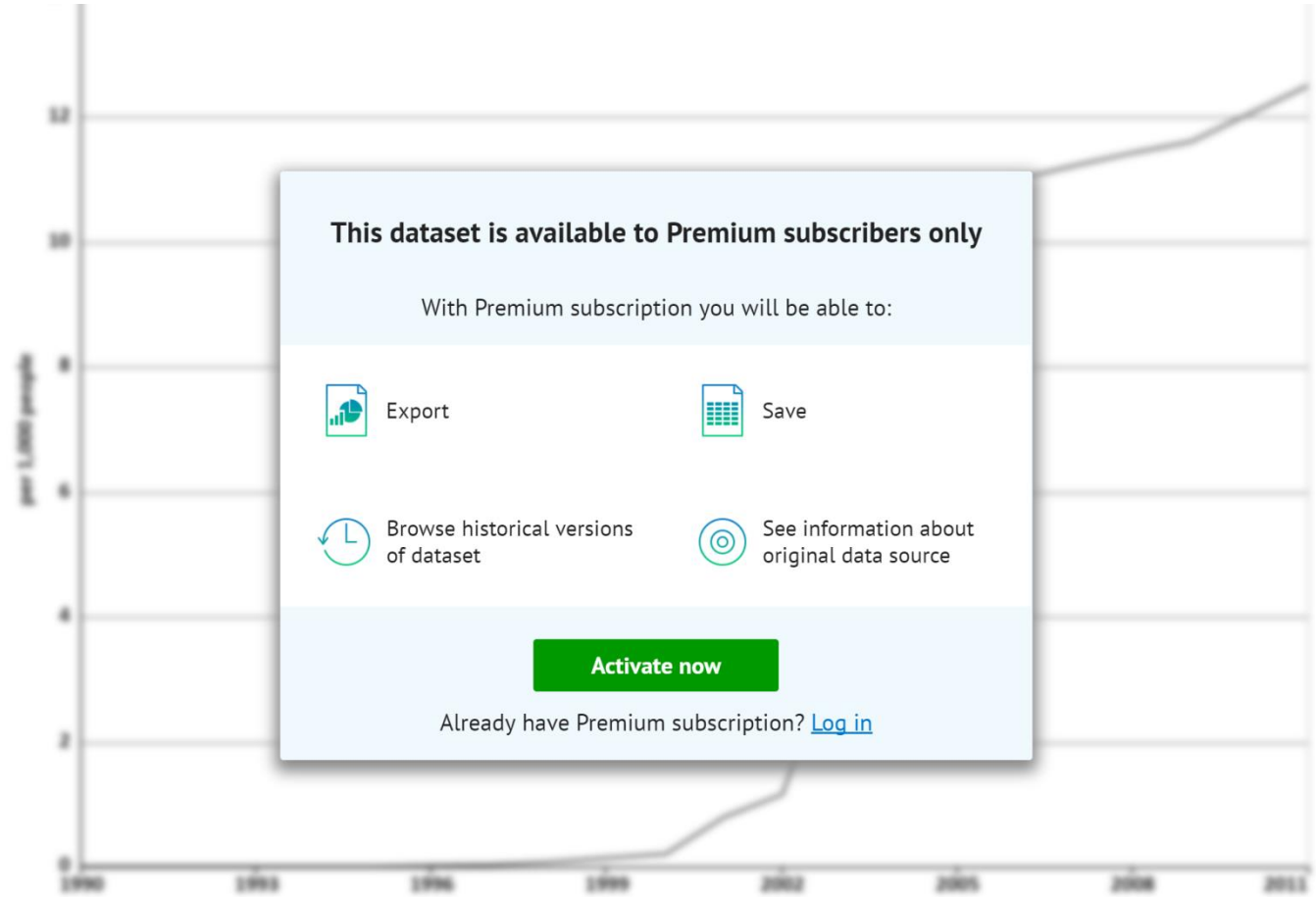
The Basis of the Numbers

- Definitely not from our local providers
- Based on measurements of our internet 'presence'
  - Addresses associated with Somalia (ccTLD, IP addresses)
  - Social media usage (facebook, etc.)

The Solution

The Challenges to Open Data

- Trust issues
- Competition without collaboration
- Lack of motivation

The Need for Reliable Data on Internet Usage

- Informing policy
  - Economic
  - Education
  - Security
  - Other social issues
- Developing new Internet-based products
- Fueling innovation

A Call for Collaboration

- Providers need to
  - publish or provide access to Internet usage data
  - Fund research that tells our own story
  - Advertise their own Internet prefixes and not those of their upstream providers

Why and What is Next?

- Providers need to understand their users
- This is enough motivation
- What is next?
  - Design and execute a research project on Internet usage and penetration in Somalia
  - Build a steering committee that is all inclusive
  - Develop a participatory funding model