RIPE NCC Country Reports

Christian Teuschel | 2017-10-24 | RIPE 75

Country Reports?

- Tool to provide insights into the status and the development of countries and regions

  - Decision support for Internet stakeholders

  - Cater for technical and non-technical community

  - Extend value of RIPE NCC data

- Promote RIR member perspective to a global audience

OECD Digital Economy Outlook 2017

OECD

The State of the Internet

Country Reports?

- Member Survey

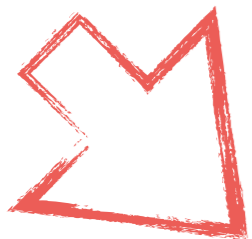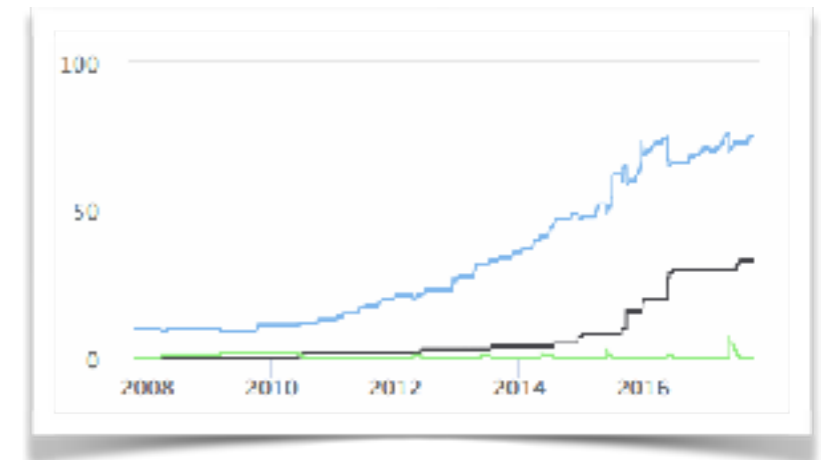| Answer Choices	Responses	
Historical comparative data	62.16%	1,610
Market analyses	28.61%	741
Country profiles	55.64%	1,441
Raw data	27.92%	723
New tools to help you to analyse and compare data	53.67%	1,390
Other (please specify)	1.12%	29
Total Respondents: 2,590		

- Increased demand for country analyses

RIPE NCC — Country View On Belarus

RIPE NCC — Measurement Data Country View SEE

Country Reports

- Generic Data Pipeline

  - From raw data quickly to visualisation

Country Reports Data

- ● 1st: RIPE NCC data

    - RIPE DB, RIS, etc.

- ● 2nd: Internet related data

    - Sources: World Bank, ITU, etc.

    - Internet penetration, fixed broadband subscribers, etc.

- ● 3rd: Other country-related data

    - Sources: World Bank, OECD, etc.

    - Population, GDP, GNI, etc.

Country Reports Concepts

- Steps to enable Country Reports?

    - By aggregation (on a country/region level)

    - By comparison (with other countries/regions)

    - By correlation (with other domains)

RIPE NCC Data   Internet Related Data

Country Related Data

Country Reports Concepts

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Country Reports Concepts

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Country Reports Concepts
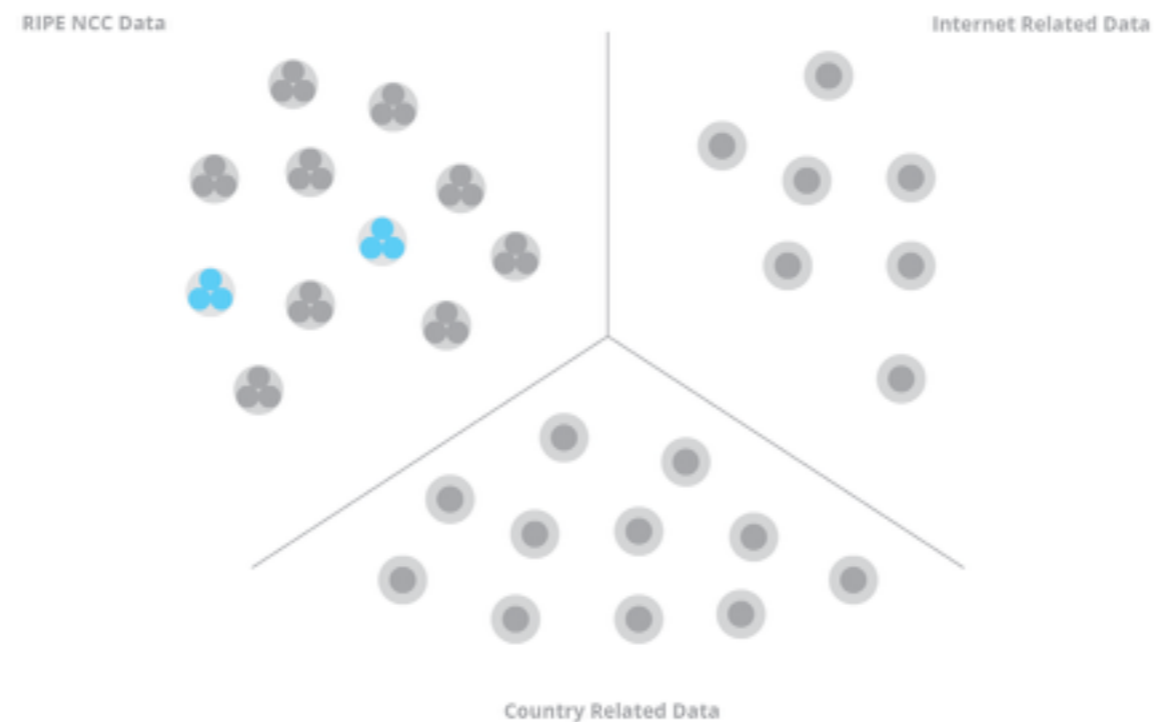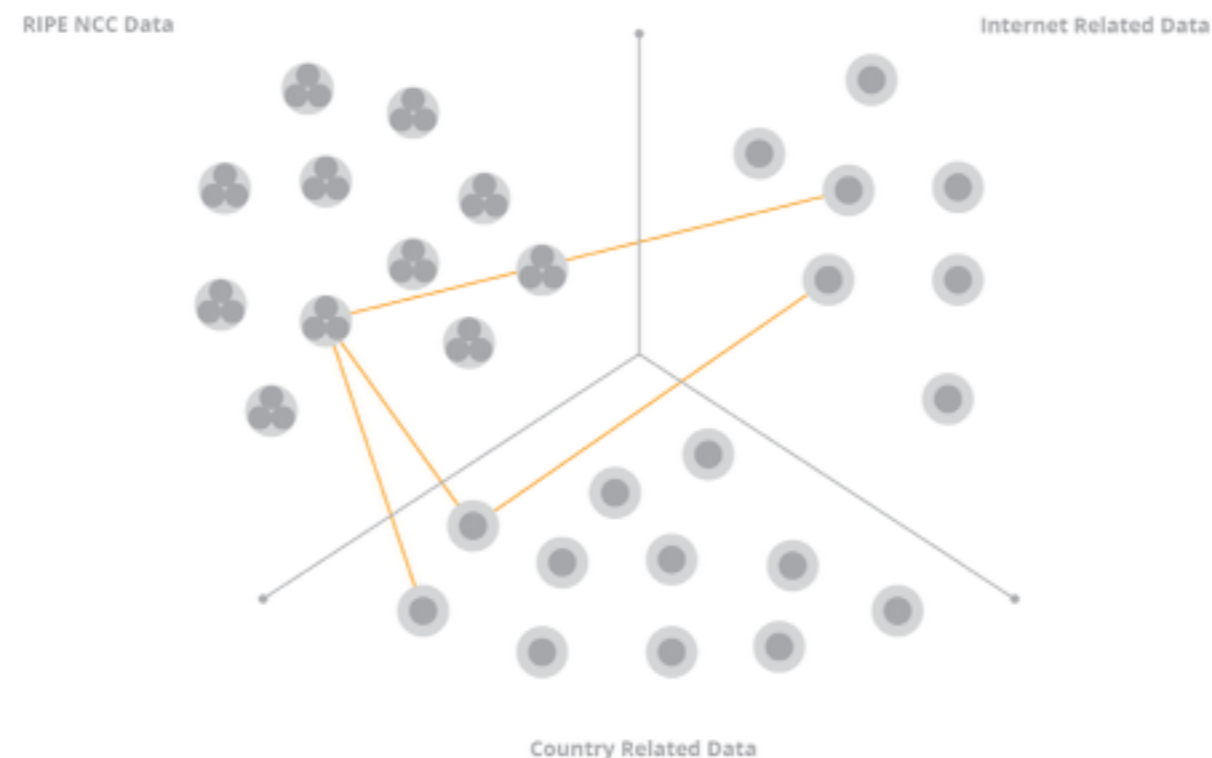
- Steps to enable Country Reports?

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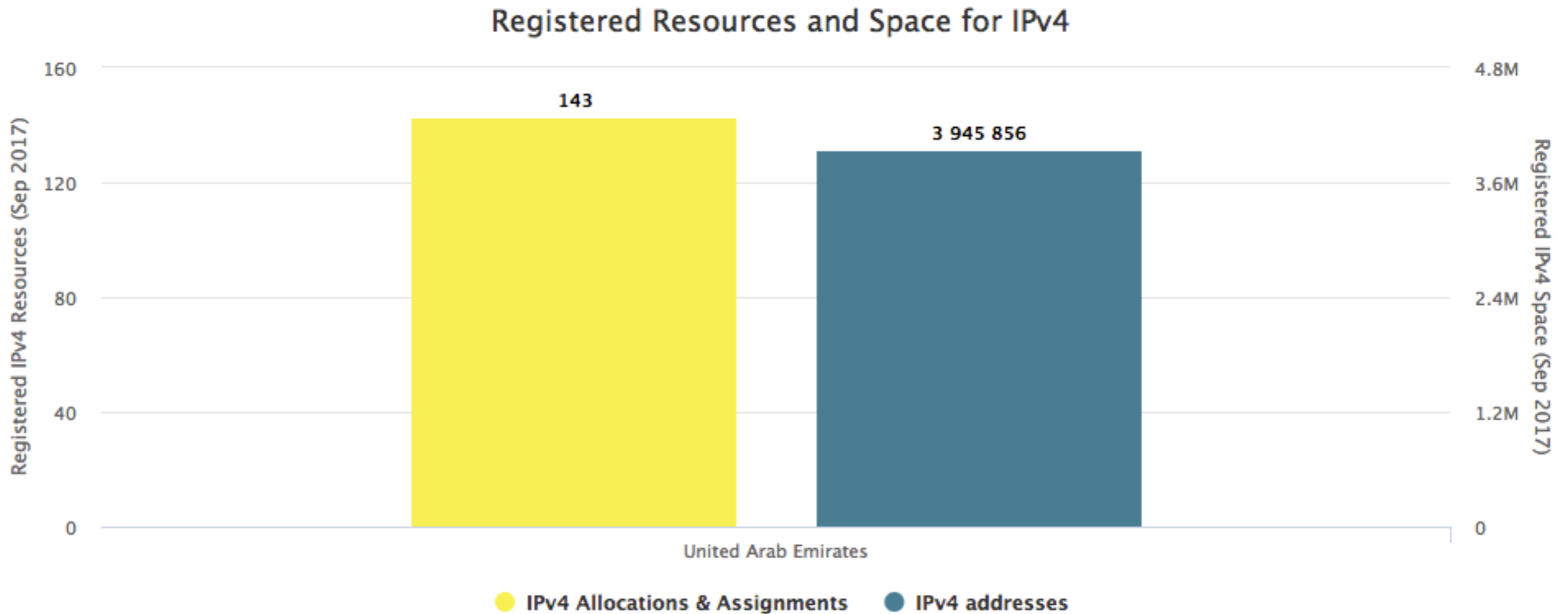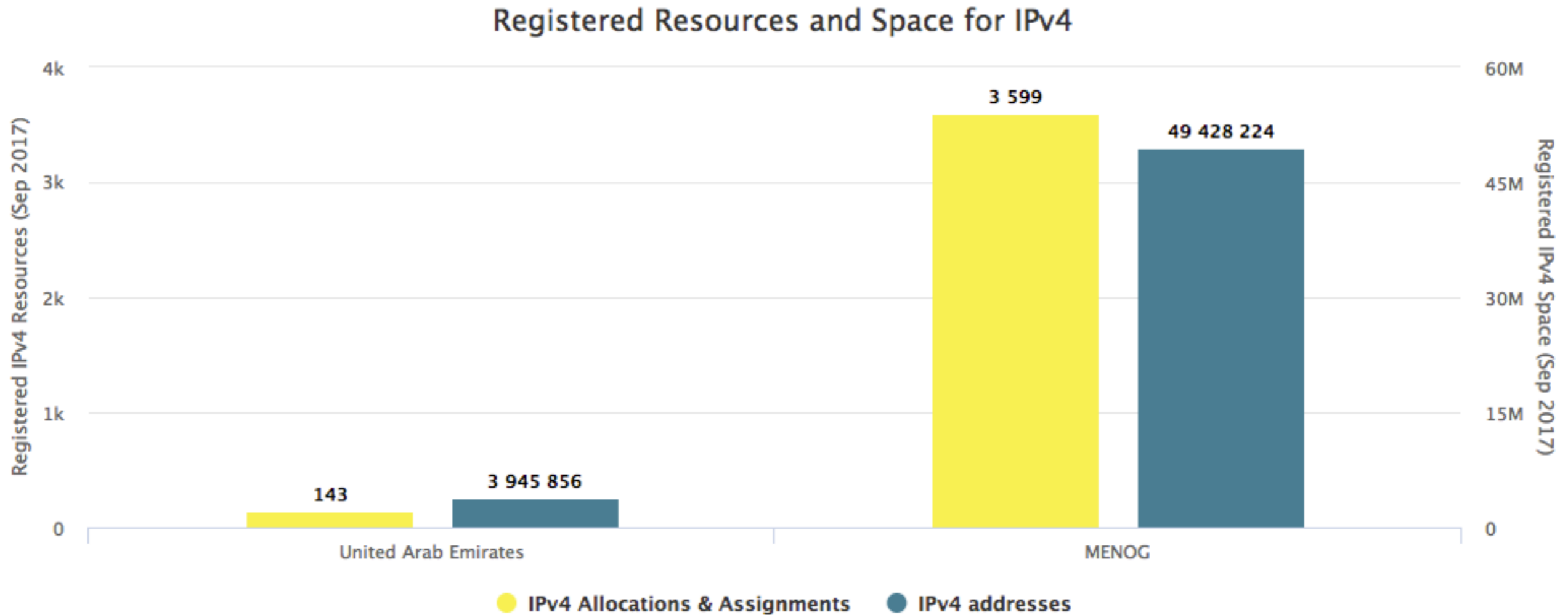 - **By correlation** (with other domains)

RIPE NCC Data

Internet Related Data
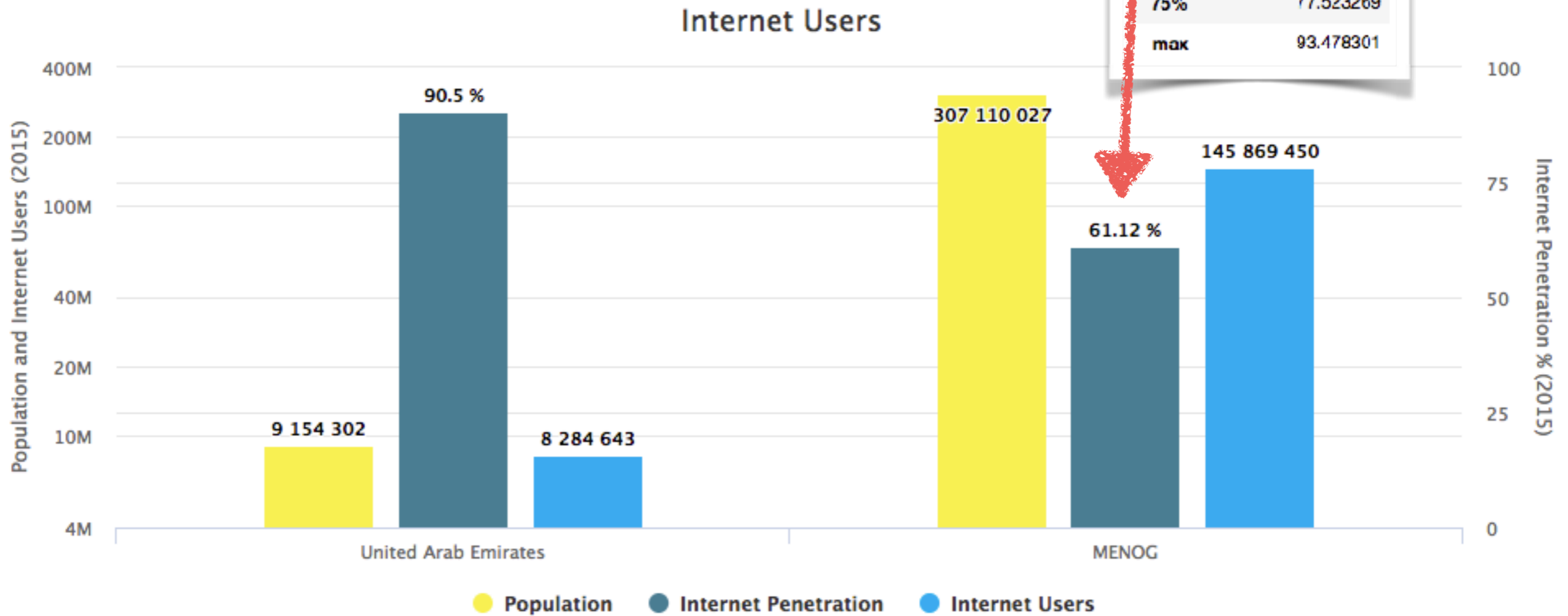
Country Related Data

UAE Analysis

Registered Resources and Space for IPv4

Aggregation

UAE Analysis

Registered Resources and Space for IPv4

Comparison

UAE Analysis

count	13.000000
mean	61.124307
std	25.859534
min	17.220000
25%	45.334976
50%	66.133811
75%	77.523269
max	93.478301

Internet Users

- **9 154 302** (United Arab Emirates, Population)
- **90.5 %** (United Arab Emirates, Internet Penetration)
- **8 284 643** (United Arab Emirates, Internet Users)
- **307 110 027** (MENOG, Population)
- **61.12 %** (MENOG, Internet Penetration)
- **145 869 450** (MENOG, Internet Users)

Population and Internet Users (2015): 400M, 200M, 100M, 40M, 20M, 10M, 4M

Internet Penetration % (2015): 100, 75, 50, 25, 0

United Arab Emirates · MENOG

● Population ● Internet Penetration ● Internet Users

Comparison

Source: http://worldbank.org

UAE Analysis

Internet Users/IPv4 Address and Population Growth
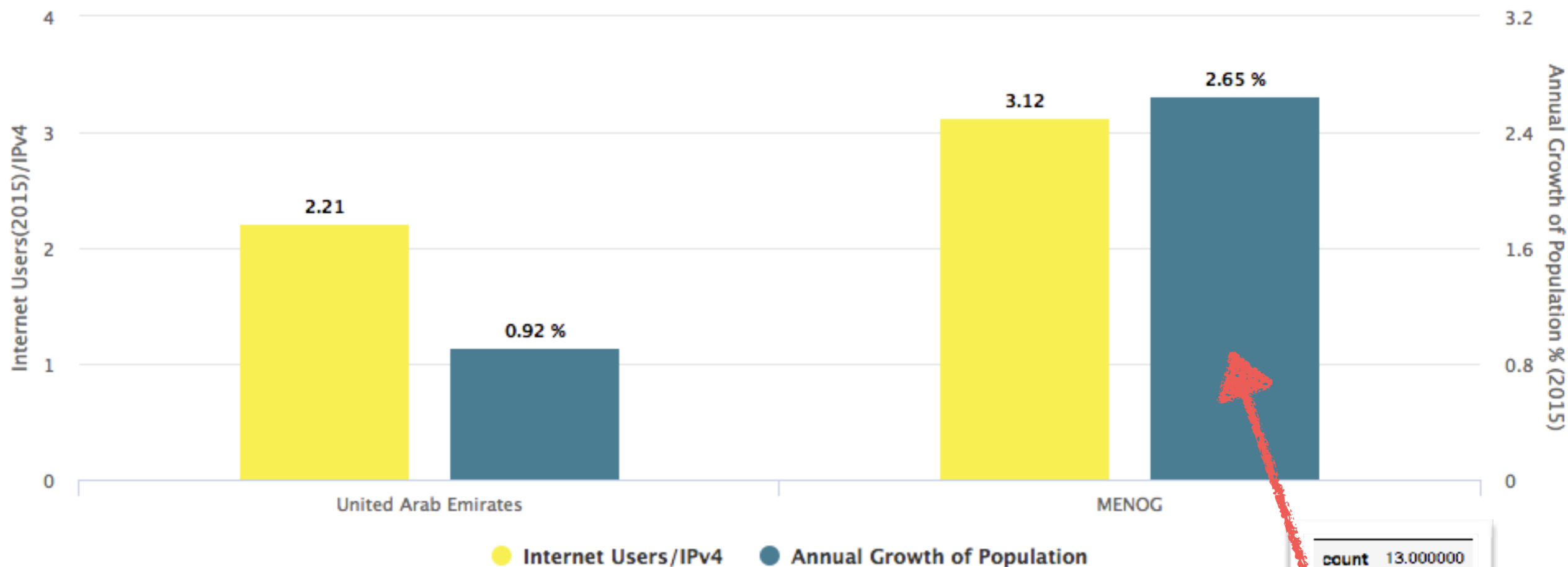
Correlation

count	13.000000
mean	2.652772
std	2.085442
min	-2.467847
25%	1.598009
50%	2.618665
75%	3.974069
max	5.856170

UAE Analysis

Country Reports
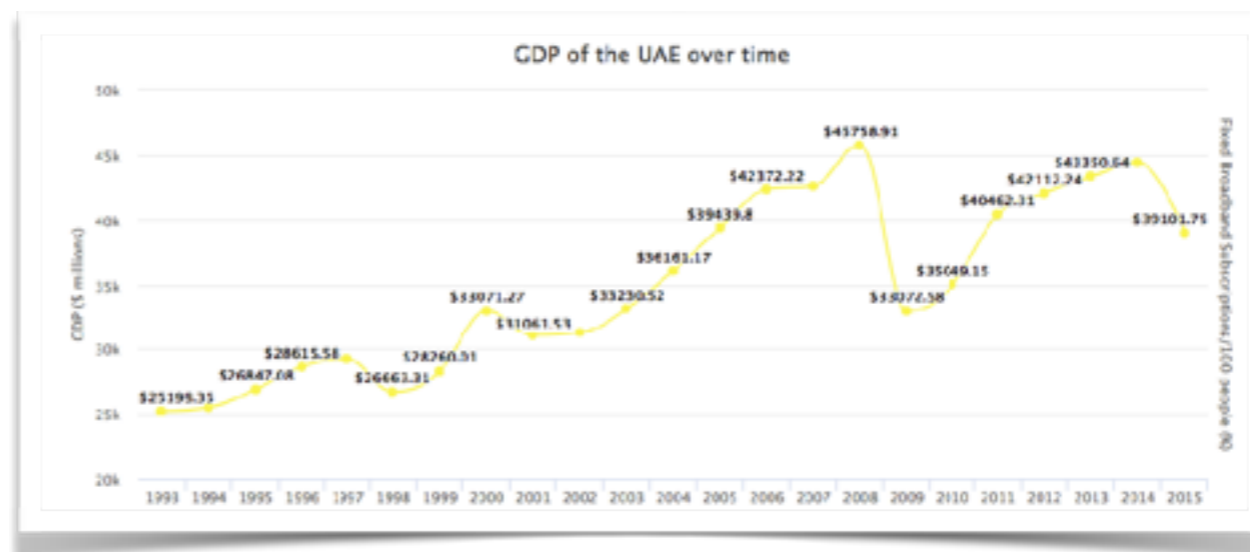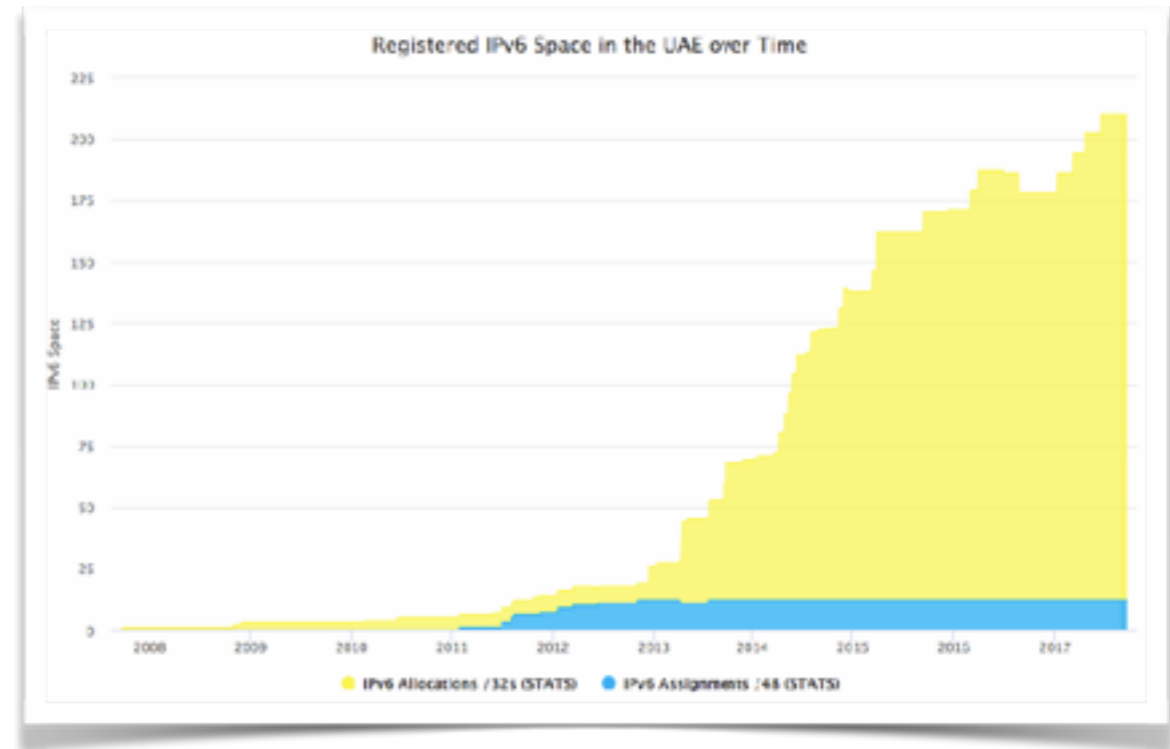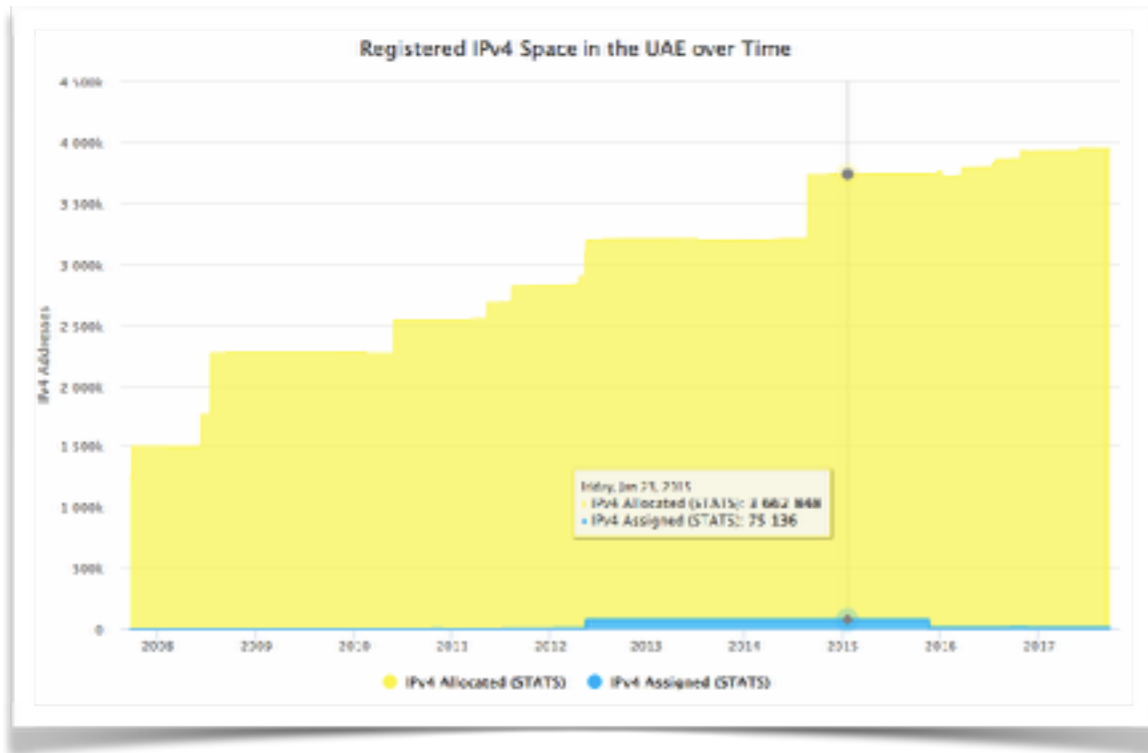
https://stat.ripe.net/country-reports

Country Reports beta

Choose a Country or a Region	Choose a Topic ▼	Go

Twitter Feed

#RIPEstat   ℹ

🔁 Samer Retweeted   🐦

Christian Teuschel @cteuschel
The hunger for #OpenData on #RIPEstat continues to grow: 48.5 million requests per day in Oct 2017 vs. 38.7 million in Jul 2017!

RIPE NCC
RIPEstat

RIPE Labs Feed

BGP Meets Cat
Jun 26, 2017

Sand in the Gears
Jun 08, 2017

Focus on Switzerland - RIPE NCC Statistics and Data
May 30, 2017

Focus on Greece - RIPE NCC Statistics and Data
May 26, 2017

Focus on Hungary - RIPE NCC Statistics and Data
May 05, 2017

RIPEstat Links

About RIPEstat
Get general information about RIPEstat

Documentation
Access the documentation for all RIPEstat APIs

Use Cases
Read about use cases for RIPEstat
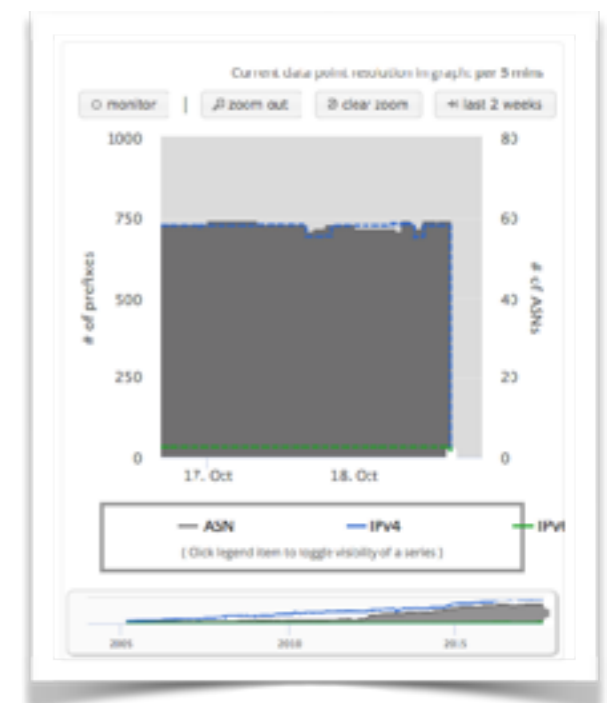
RIPEstat Training Course
Attend a training course for RIPEstat

📷 Report a bug

Country Reports

- Next steps

  - Integration of routing data

  - More topics and addition of explanatory views

  - More analytical features (e.g. recommenders, clustering, etc.)

Country Reports

https://stat.ripe.net/feedback

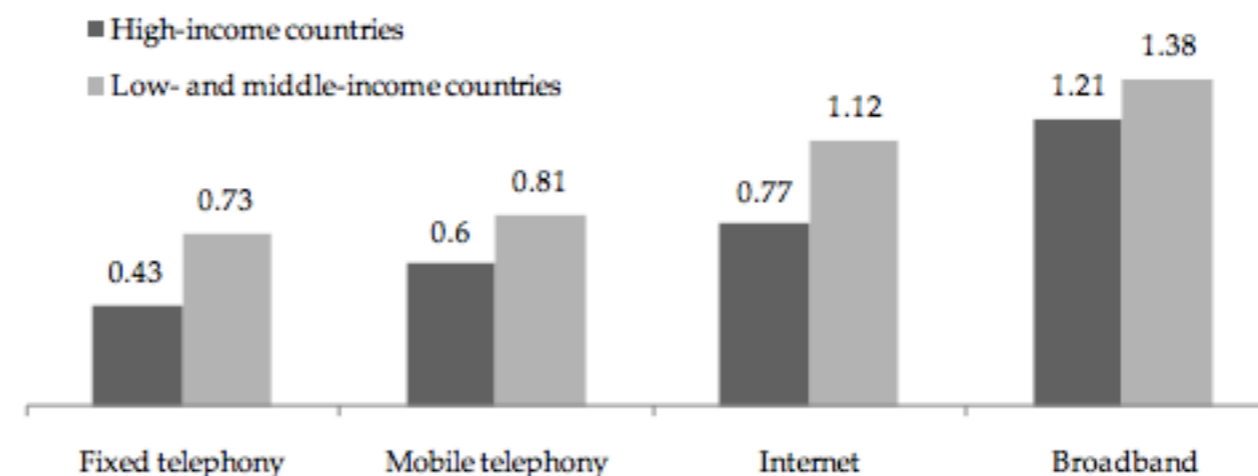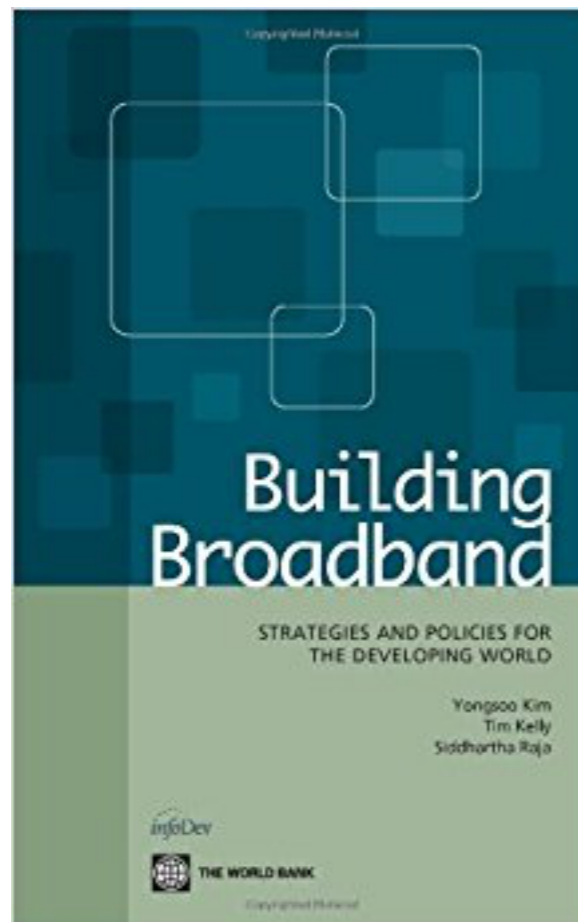Country Reports: "A tool to show status and direction."

Questions

christian.teuschel@ripe.net
@cteusche

Country Reports

- Report in 2010 by World Bank "Building Broadband : Strategies and Policies for the Developing World"

Figure 1: Growth impact of telecommunications
(GDP percentage point increase due to 10 percentage-point increase in penetration)

Country Reports

- Update of RIPE Labs Statistics

  - Interactive graphs

  - More recent data