

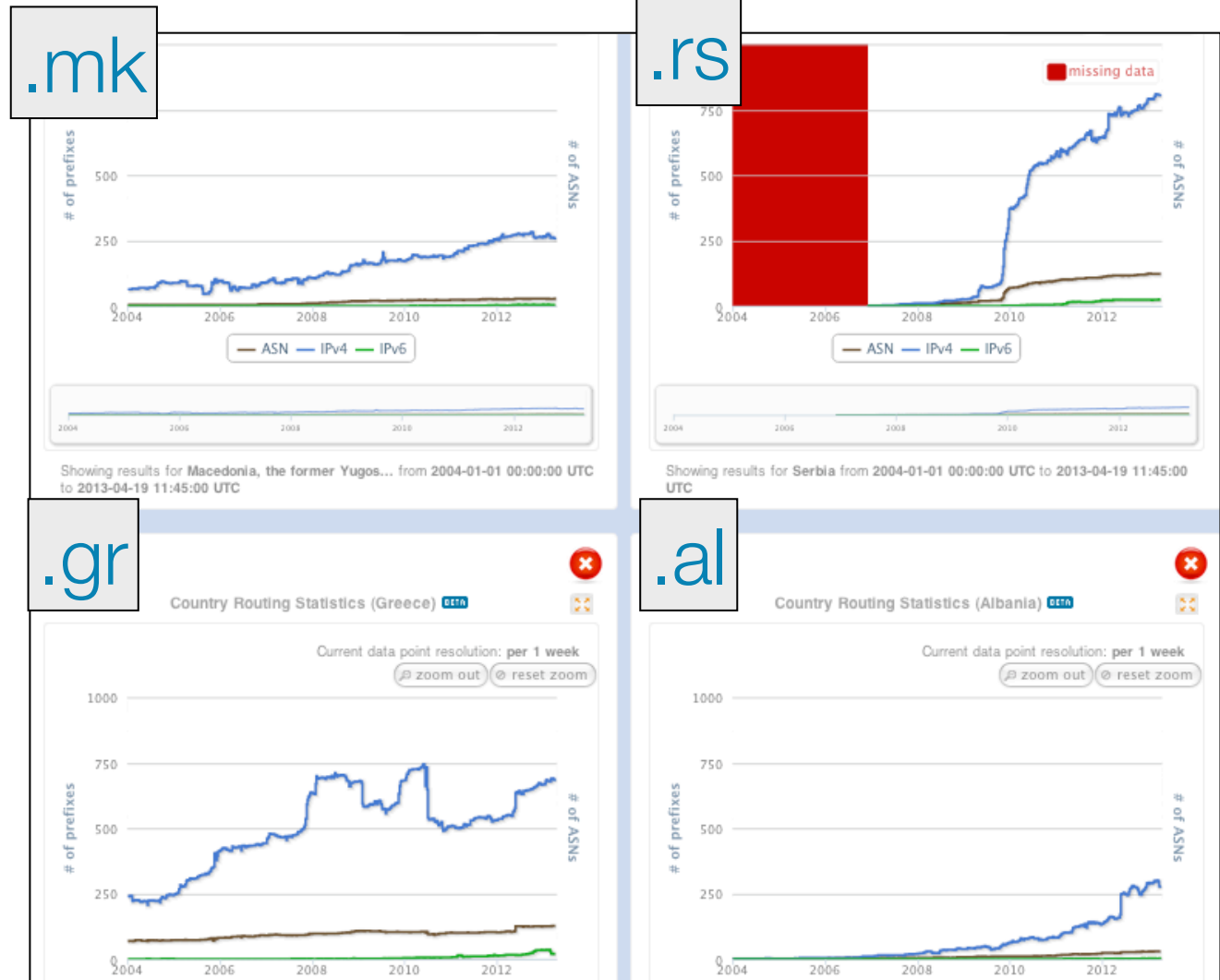
South-Eastern Europe as seen by RIPEstat

RIPEstat: The RIPE NCC's Toolbox for Finding
Internet Number Resource Information



Our Host and its Neighbors

- Country routing statistics
- Comparing:
 - **Macedonia**
 - **Serbia**
 - **Greece**
 - **Albania**
 - <https://stat.ripe.net/specials/country-comparison>



Comparing with other Ex-Yu Republics

- Country routing statistics
- Comparing:
 - **Macedonia**
 - **Bosnia&Herzegovina**
 - **Croatia and**
 - **Slovenia**
- <https://stat.ripe.net/specials/country-comparison>

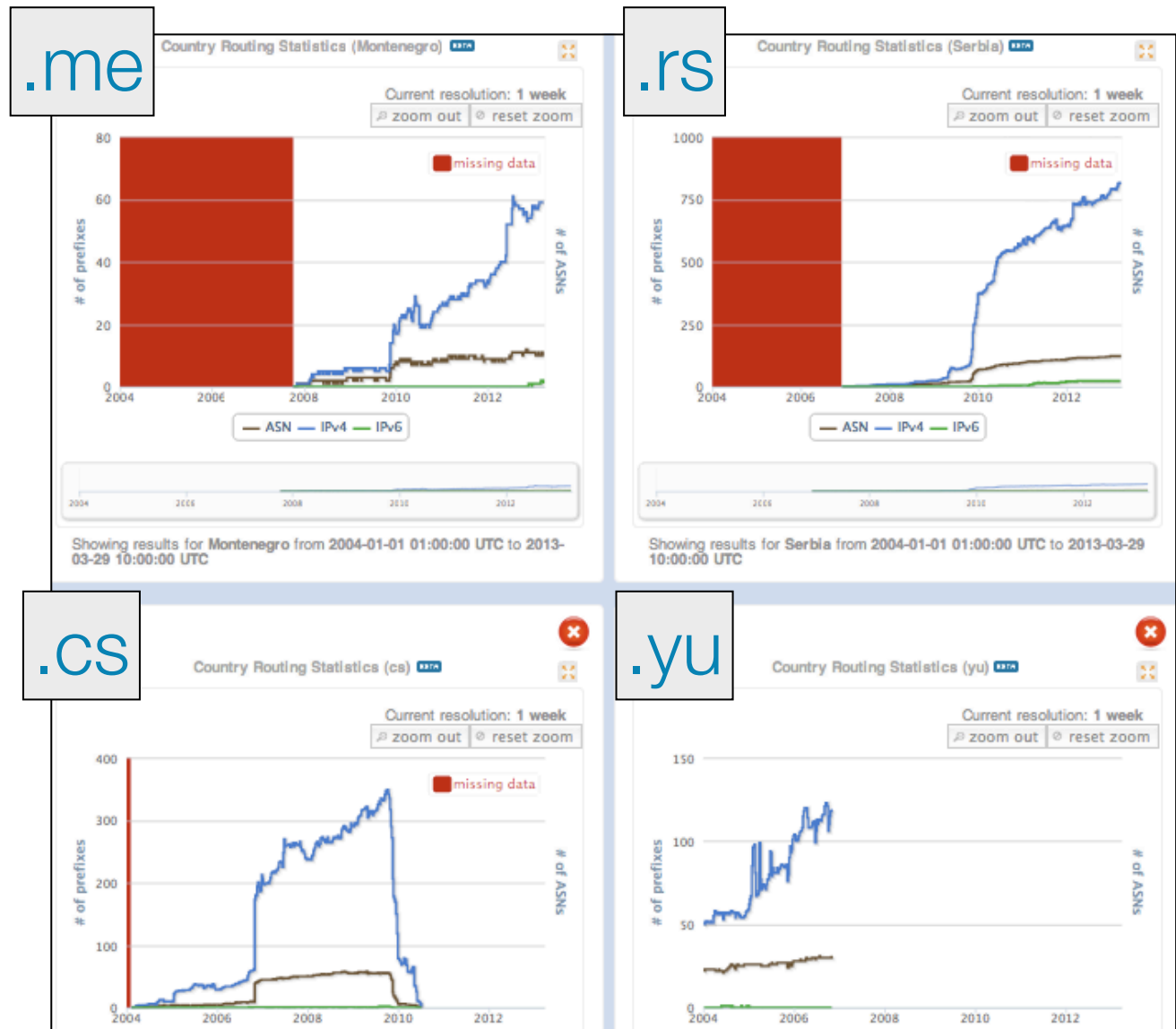


Vesna Manojlovic, 22-23 April 2013



New and Old Countries, Different ccTLD

- Country routing statistics
- Comparing:
 - **Montenegro**
 - **Serbia**
 - **Serbia&Montenegro** and
 - **Yugoslavia**



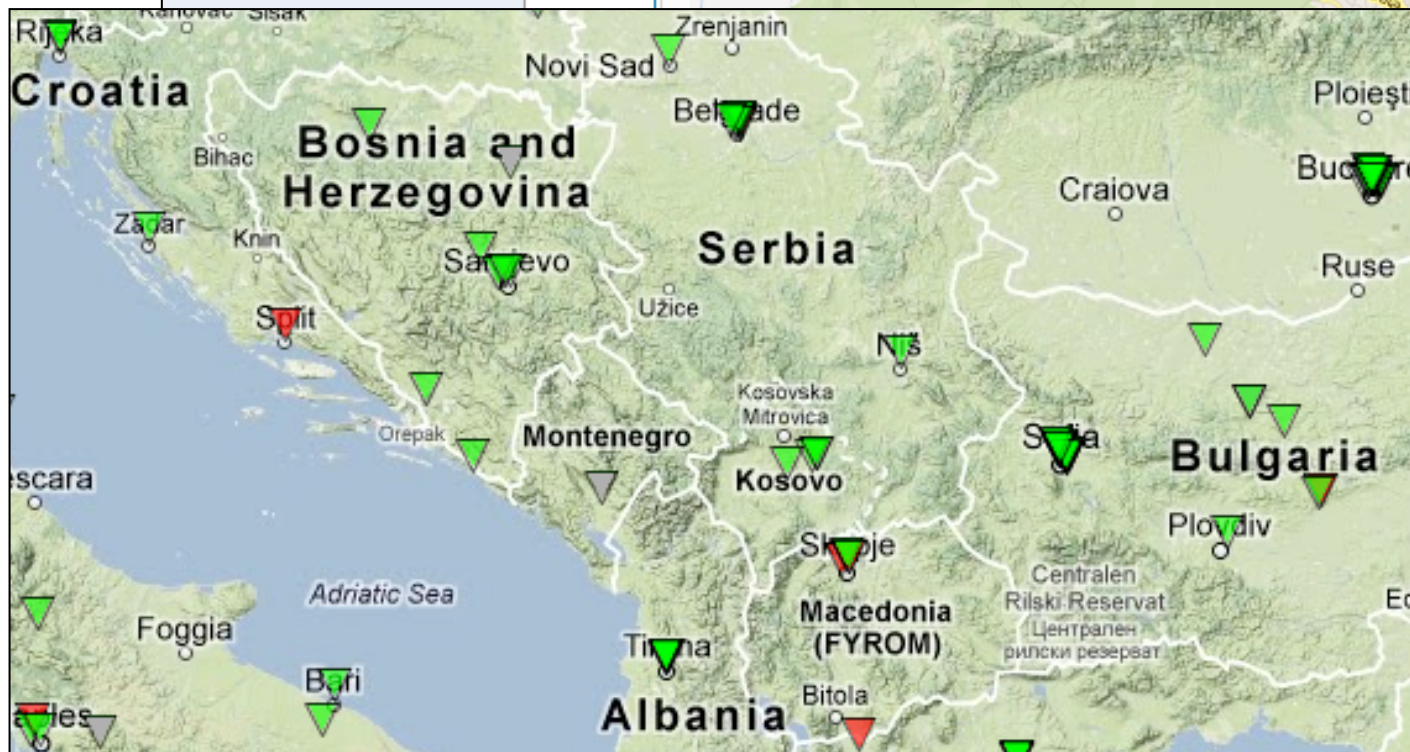
RIPE Atlas probes near Skopje, & Region

Routing	(1)
Database	(1)
Activity	(1)

RIPE Atlas Probes (mk)

Found 7 RIPE Atlas probes in this network.

Switch to table view
▲ Never Connected ▼ Connected ▼ Disconnected
Map Satellite



RIPEstat



- RIPE NCC’s **“one-stop shop”** for Internet number resources information
 - Network troubleshooting
 - Data analysis
 - Scientific research
- **Web-based** main interface, displaying different types of data in individual **widgets**

IPv6 in SEE Region

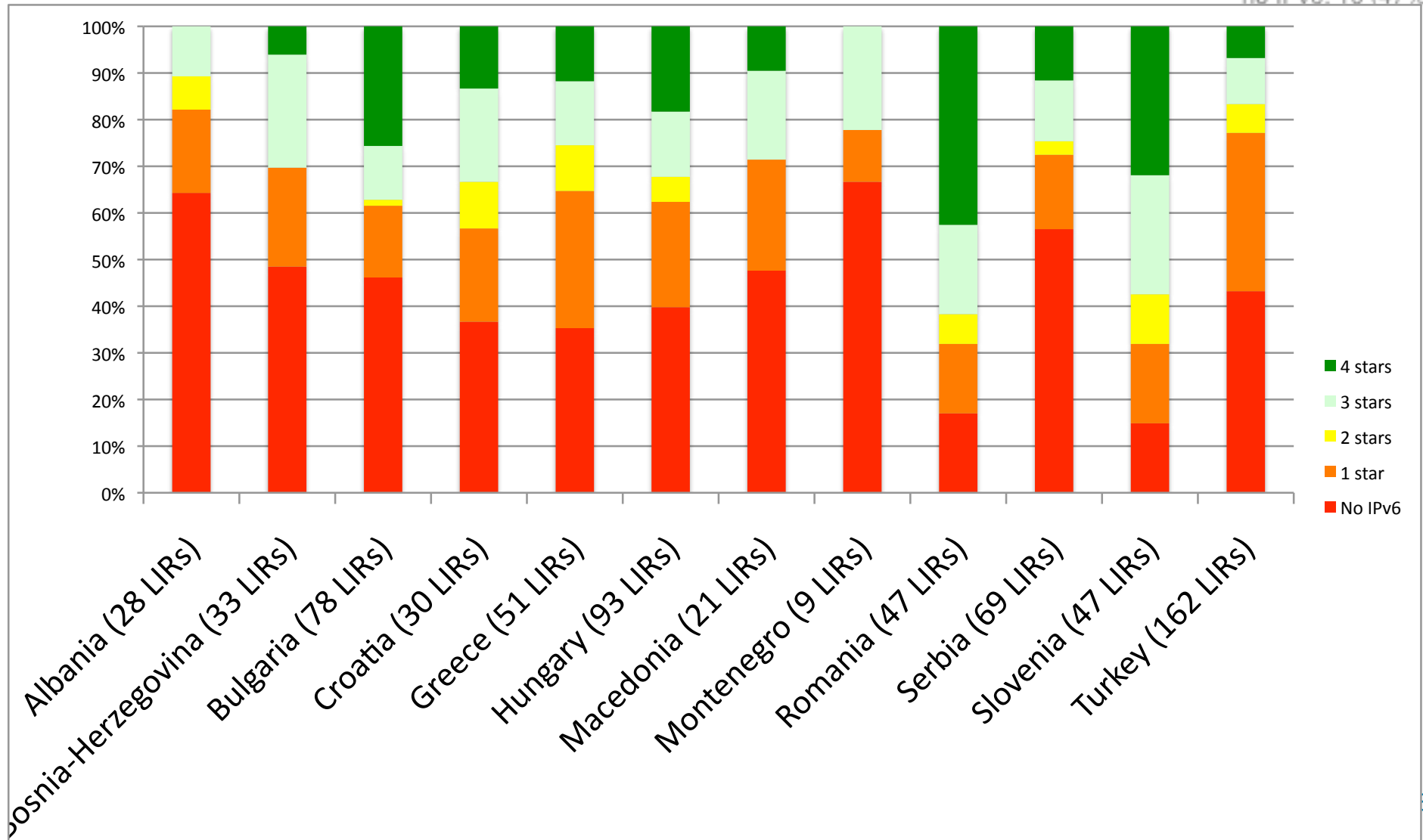
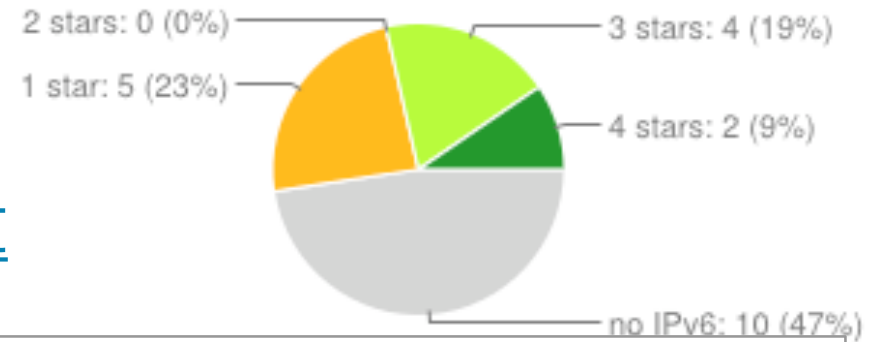
IPv6 RIPEness &
IPv6-enabled AS Numbers



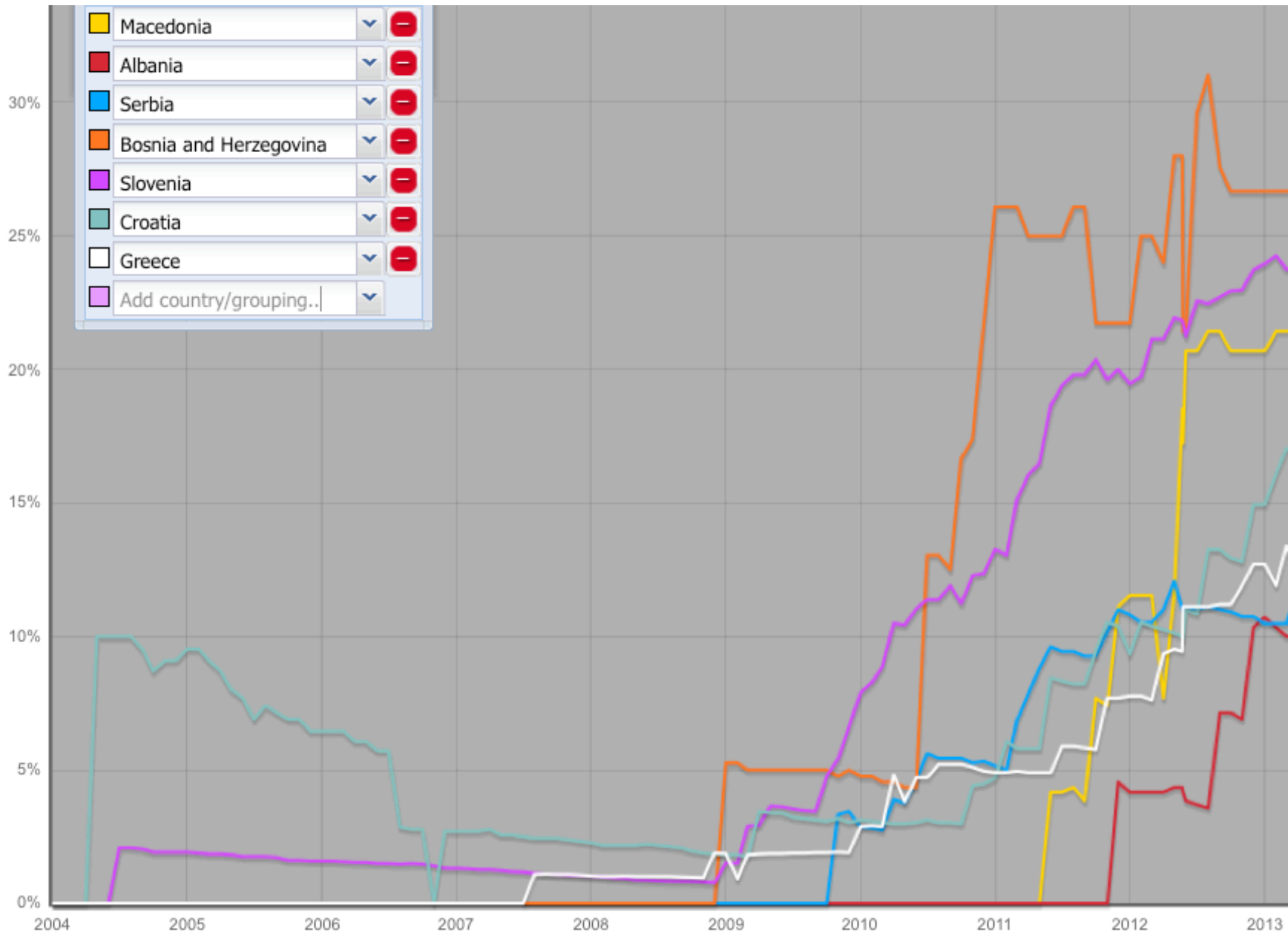
IPv6 RIPv6ness

- <http://ipv6ripeness.ripe.net>

Macedonia (21 LIRs)



IPv6 routing: v6ASNs.ripe.net



Other RIPEstat Features

RIPEstat: The RIPE NCC's Toolbox for Finding Internet Number Resource Information



RIPEstat

- Easily navigable **interface** for RIPE Database
- Also includes **external data sets**, such as APNIC data and blacklist entries
- Presents **registration, routing and DNS data, geolocation information, abuse contacts and more**
- Being developed in cooperation with the **Internet community**

Enter an IP range, AS Number, country code or hostname

Tabbed layout groups widgets into useful categories

Gives “At a Glance” overview to start

The screenshot shows the RIPEstat interface for the IP range 2001:67c:2e8::/48. At the top, there is a search bar with the text "Enter an IP address/prefix, ASN, country code or hostname" and a "Sign in" button. Below the search bar, the user's network is identified as "AS3333, 2001:67c:2e8::/48" and an example is given: "e.g.: IPv4 prefix/range, IPv6, ASN". The main content area is divided into several widgets:

- At a Glance (4)**: A sidebar menu with categories: Routing (5/7), DNS (1/2), Anti Abuse (1), Database (8/9), Geographic (2), and Activity (2).
- Resource Overview (2001:67c:2e8::/48)**: Shows that the prefix is announced by **3333 RIPE-NCC-AS - Reseaux IP Europeens Network Coordination Centre (RIPE NCC)**. It includes a "source data" link and "embed code", "permalink", and "info" options.
- Registry Browser (2001:67c:2e8::/48)**: Displays a table of registry information for the prefix. The table is as follows:

Last updated on 2012-03-12 at 08:53:46 UTC.	
inet6num:	2001:67c:2e8::/48
netname	RIPE-NCC-NET
descr	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)
org	ORG-RIEN1-RIPE
country	NL
admin-c	JDR-RIPE
admin-c	BRD-RIPE
tech-c	OPS4-RIPE
status	ASSIGNED PI
mnt-by	RIPE-NCC-END-MNT
mnt-lower	RIPE-NCC-END-MNT
mnt-by	RIPE-NCC-MNT
mnt-routes	RIPE-NCC-MNT
mnt-domains	RIPE-NCC-MNT
- Geoloc (2001:67c:2e8::/48)**: Shows a map of Europe and Africa. It includes a "Map" button and "Satellite" view. Below the map, it states "Address space without geographic information: 100.00%". It also includes "source data", "embed code", "permalink", and "info" options.
- Routing Status (2001:67c:2e8::/48)**: Shows that the prefix is **99% visible (by 90 of 91 RIS full peers)**. It includes a "Compare" button and "earlier" link. It also includes "source data", "embed code", "permalink", and "info" options.

Registry Browser

Relationships between different objects in the RIPE Database

Interactive browsing through dependencies

Registry Browser (AS3333)

Reload this widget by entering a resource here

89 changes since 2002-08-13.
Last updated on 2012-04-17 at 10:12:15 UTC.

aut-num: AS3333 [Show more](#)

as-name RIPE-NCC-AS
descr Reseaux IP Europeens Network Coordination Centre (RIPE NCC)
org ORG-RIEN1-RIPE
mnt-by RIPE-NCC-END-MNT
mnt-by RIPE-NCC-MNT

↑ ↓

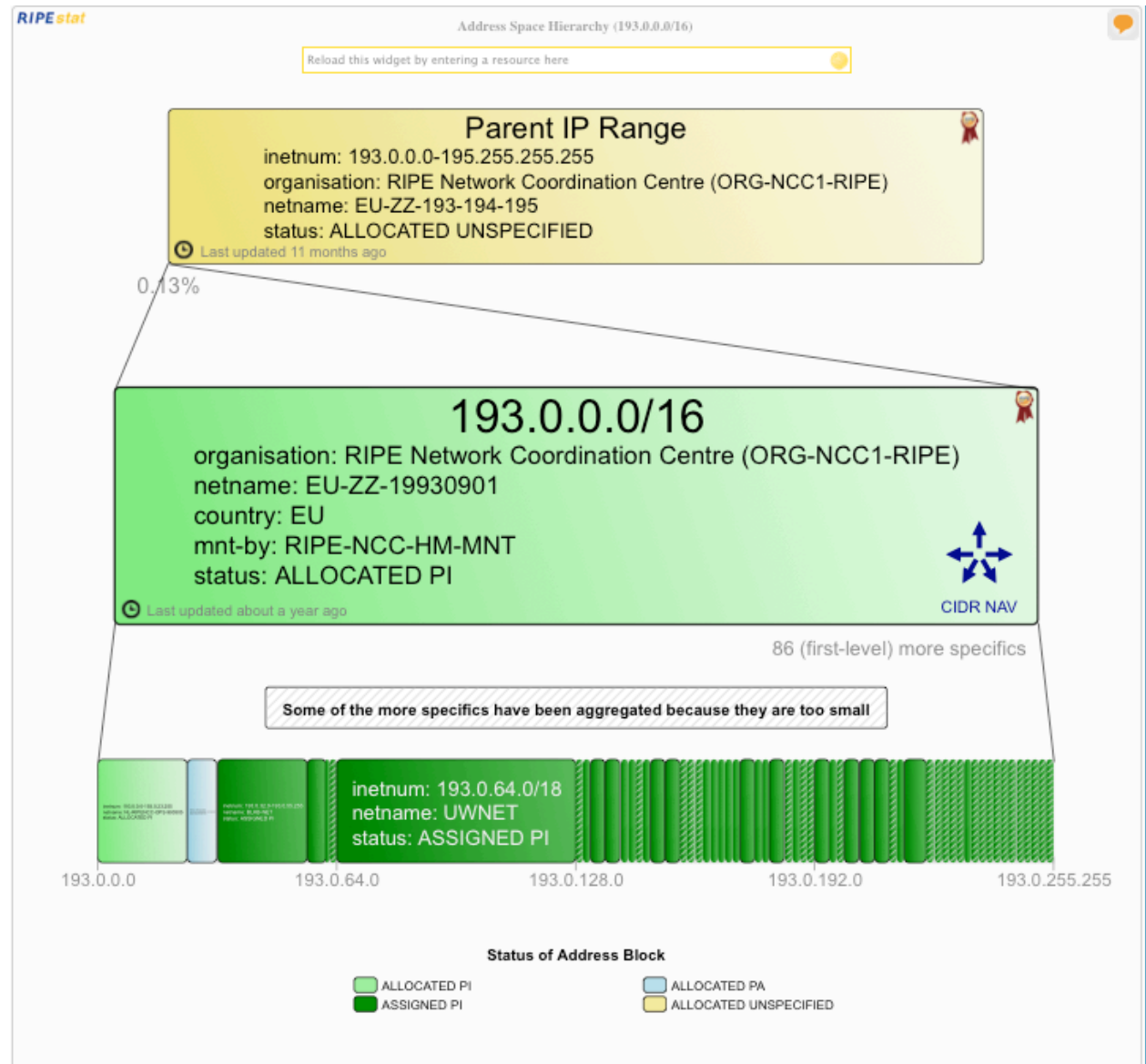
- route: 193.0.0.0/21** [origin] [Show more](#)
- route: 193.0.10.0/23** [origin] [Show more](#)
- route: 193.0.12.0/23** [origin] [Show more](#)
- route: 193.0.18.0/23** [origin] [Show more](#)
- route: 193.0.20.0/23** [origin] [Show more](#)
- route: 193.0.22.0/23** [origin] [Show more](#)
- route6: 2001:67c:2e8::/48** [origin] [Show more](#)
- organisation: ORG-RIEN1-RIPE** [org] [Show more](#)
- person: Jochem de Ruig** [admin-c] [Show more](#)
- person: Brian Riddle** [admin-c] [Show more](#)
- role: RIPE NCC Operations** [tech-c] [Show more](#)
- mntner: RIPE-NCC-END-MNT** [mnt-by] [Show more](#)
- mntner: RIPE-NCC-MNT** [mnt-by] [Show more](#)

Showing results for AS3333 as of 2013-03-26 15:54:33 UTC

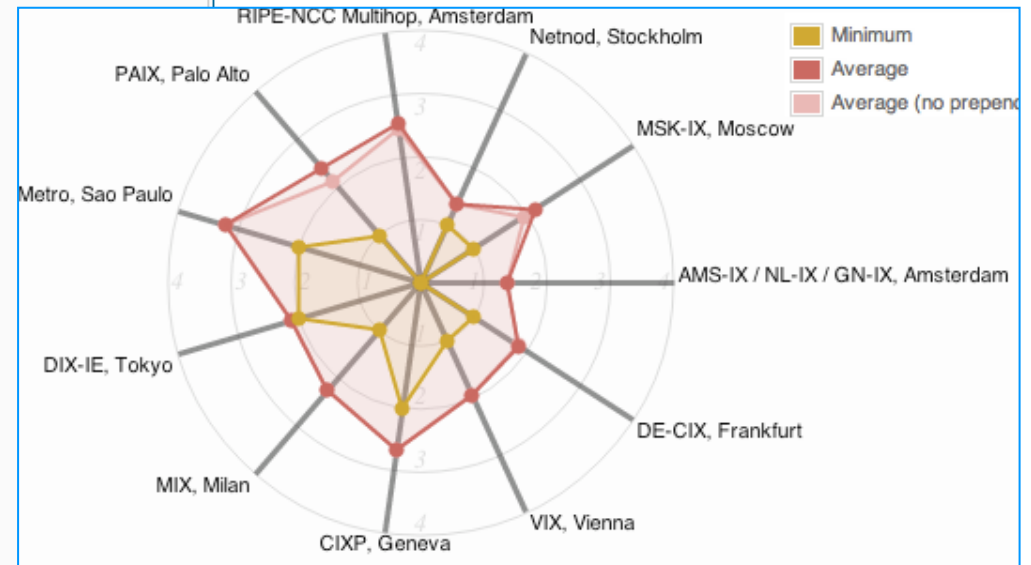
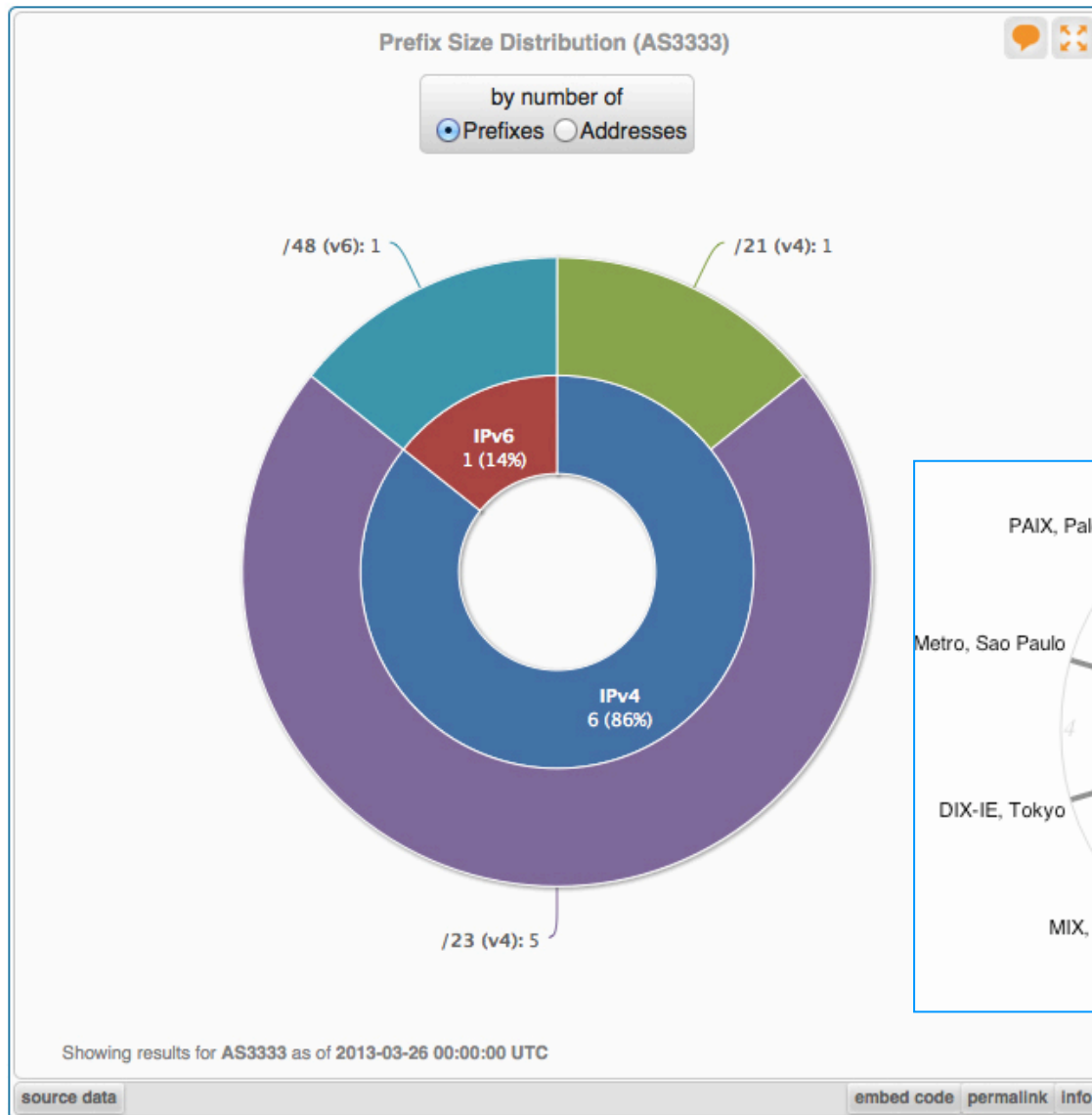
source data embed code permalink info

Address Space Hierarchy

Address space registrations in context of addressing hierarchy



Prefix Size Distribution & AS-path Length



Questions?

<https://stat.ripe.net>

