RIPE NCC Update

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External Relations

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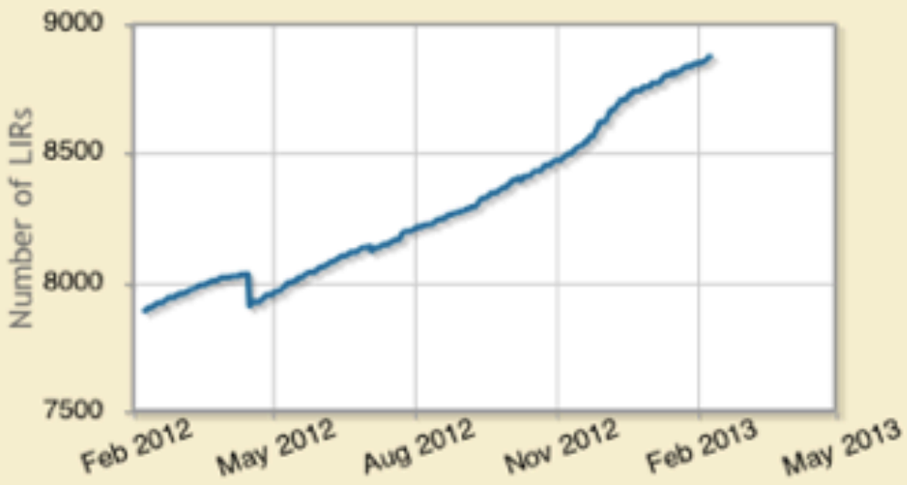
Total Number of LIRs



Current number of Local Internet Registries (LIRs) in the RIPE NCC service region. (Note that in April, LIRs with outstanding invoices get closed, hence the drop.)

8873

Tags: lirs

View the full graph

LIRs With and Without IPv6

Number of Local Internet Registries (LIRs) in the RIPE NCC service region that have an IPv6 allocation (blue line) and that don't (yet) have an IPv6 allocation (red line).

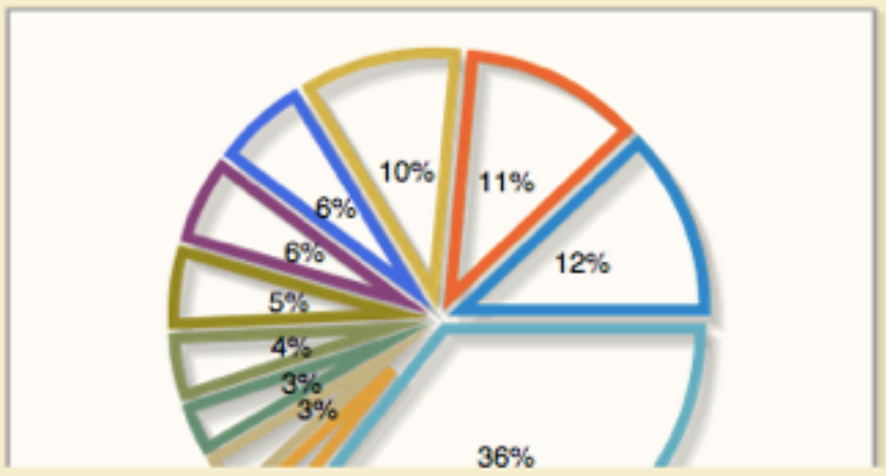
With IPv6 | Without IPv6

5127 | 3746

Tags: lirs ipv6

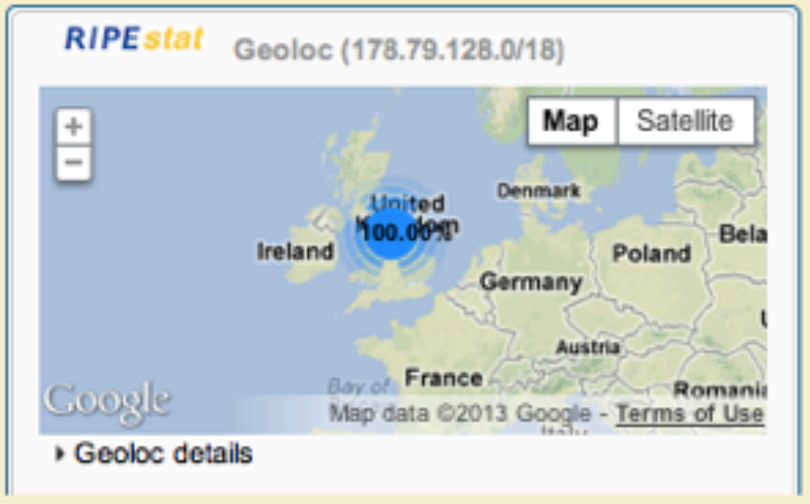
View the full graph

RIPE NCC Membership by Country - Top Ten



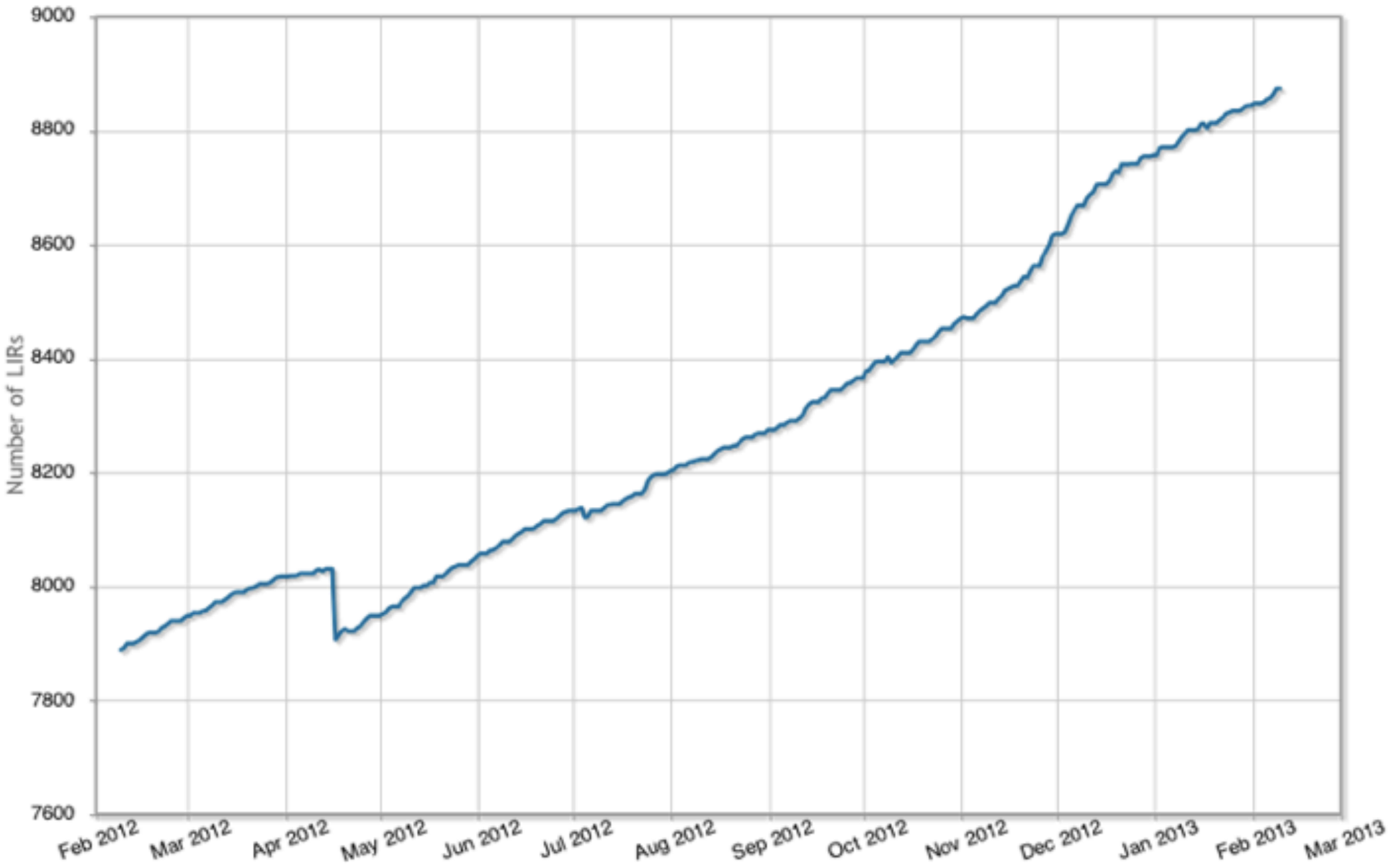
This graph shows the distribution of the RIPE NCC membership by country. It is updated each month. The RIPE NCC service region covers 76 countries in total.

RIPEstat



RIPEstat provides information and statistics on specific IP prefixes and ASNs. This particular image shows the RIPEstat geolocation widget, which displays any available information about the geographical distribution of the address space for a given IP prefix or ASN.

Total Number of LIRs



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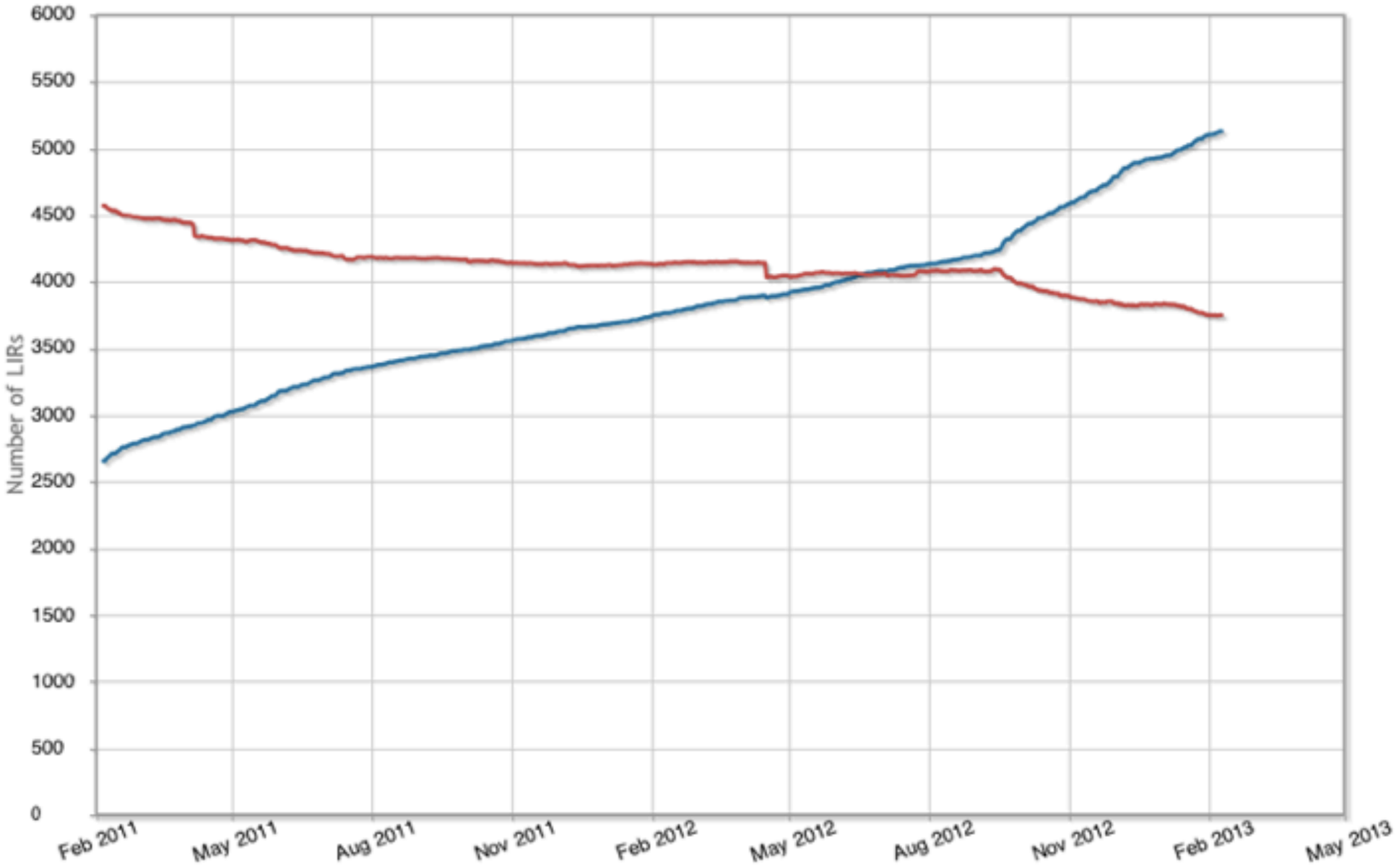
View more statistics

LIRs With and Without IPv6



Number of Local Internet Registries (LIRs) in the RIPE NCC service region that have an IPv6 allocation (blue line) and that don't (yet) have an IPv6 allocation (red line).

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View more statistics

IPv6 RIPEness information

How IPv6 ready are you?

IPv6 RIPEness is a rating system which awards stars to RIPE NCC members depending on indicators of IPv6 preparedness. Stars are awarded for:

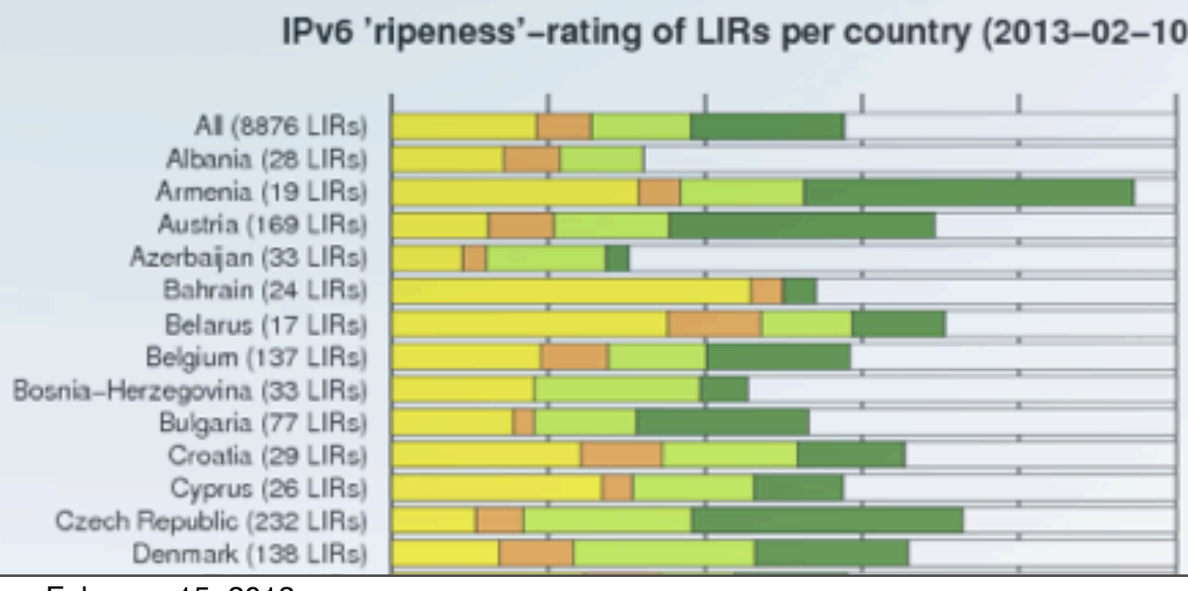
- Having an IPv6 address space allocation or assignment from the RIPE NCC
- Visibility in the Routing Information Service (RIS)
- Having a route6 object in the RIPE Database
- Having a reverse DNS delegation set up

IPv6 RIPEness ratings are refreshed daily (typically a bit before 10AM CET), with data from 2 days before. If your organisation has completed the steps for achieving all 4 IPv6 RIPEness stars and does not appear on the list after 2 working days, please contact us at ncc@ripe.net.

For more information on the RIPE NCC's IPv6 RIPEness project, see http://labs.ripe.net/topics/ipv6ripeness

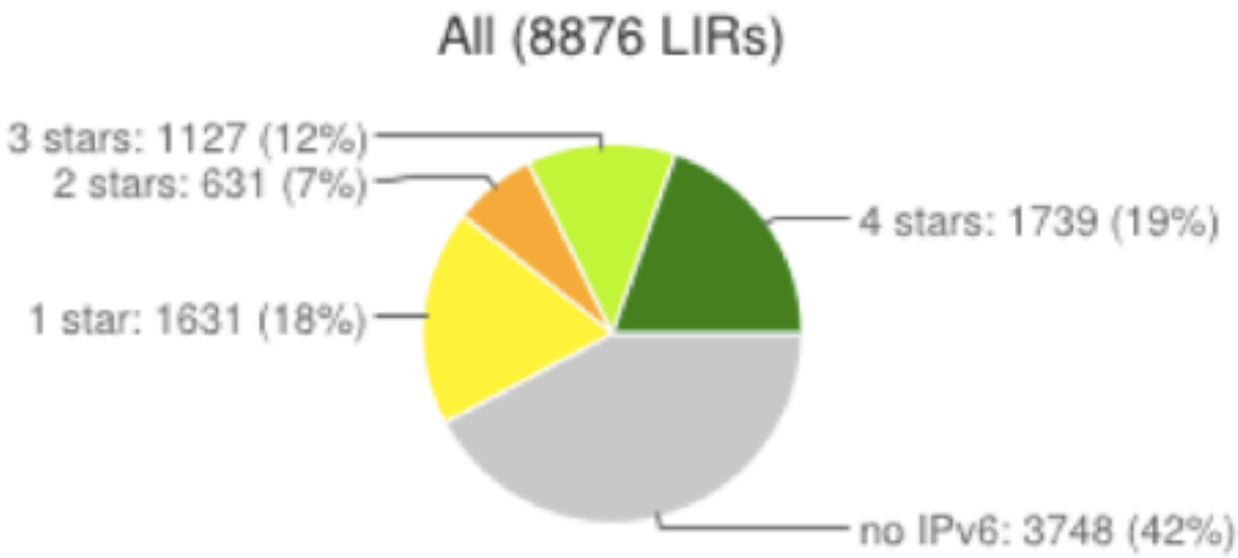
Check out the RIPEness data below:

LIRs with 4star RIPEness
RIPEness per country pie-charts
The chart below shows what percentage of LIRs in a specific country have achieved what IPv6 RIPEness rating:

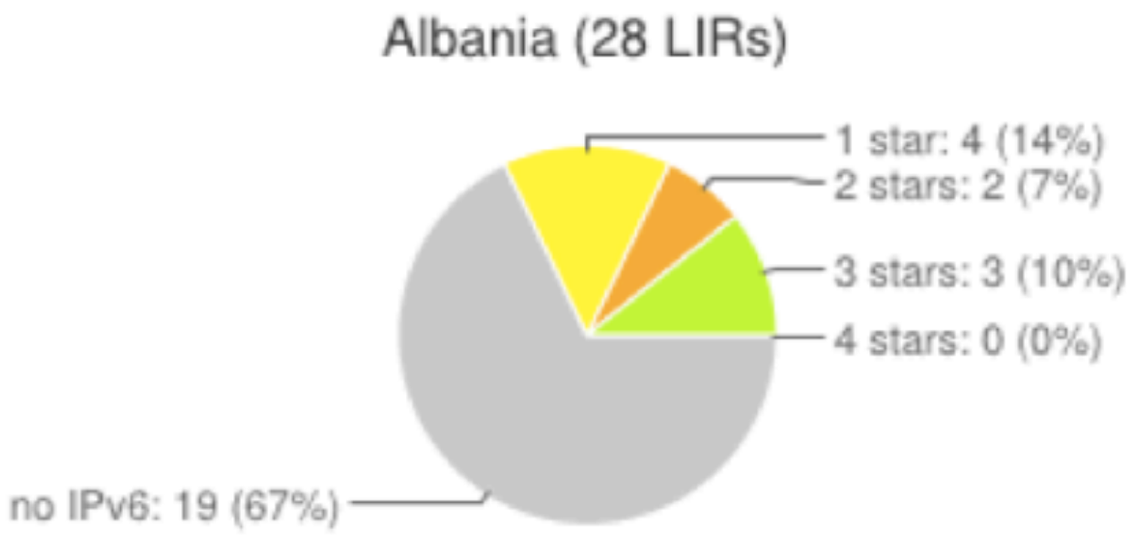


IPv6 RIPEness country pie charts (2013-02-10)

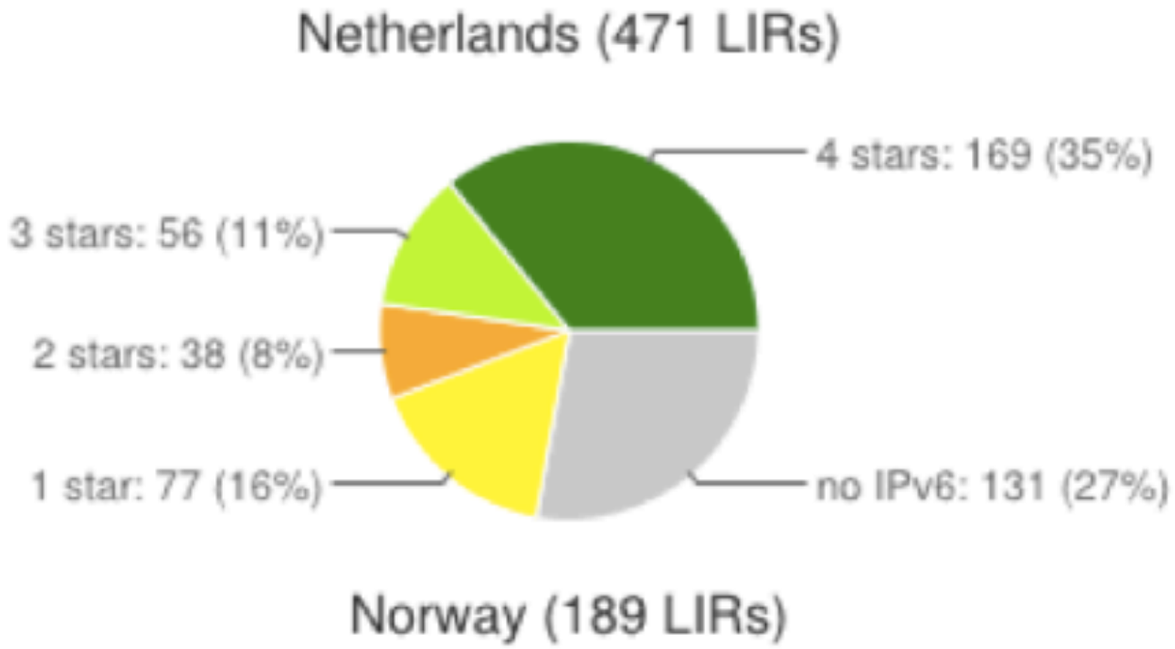
All

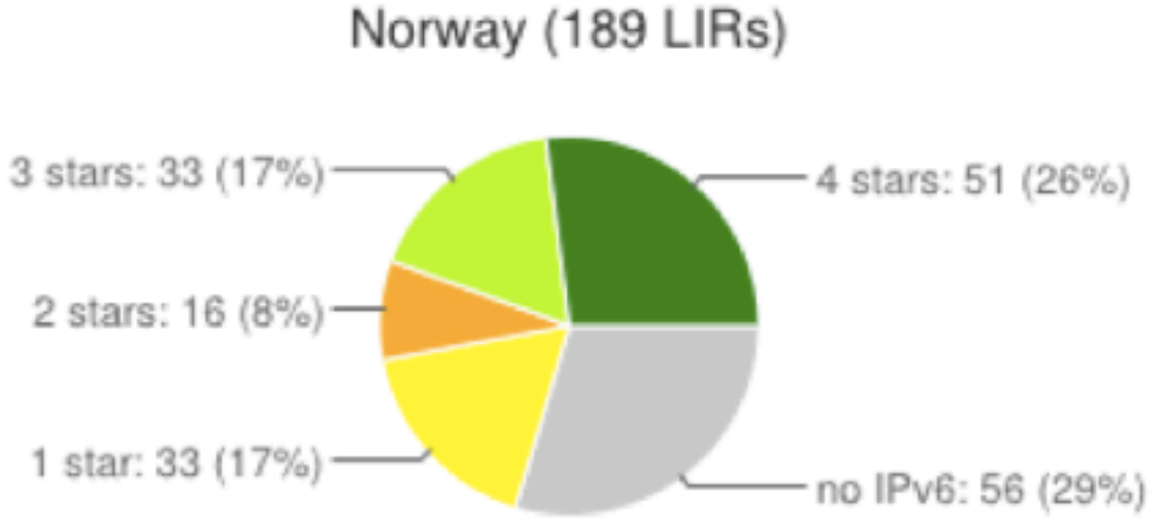


A

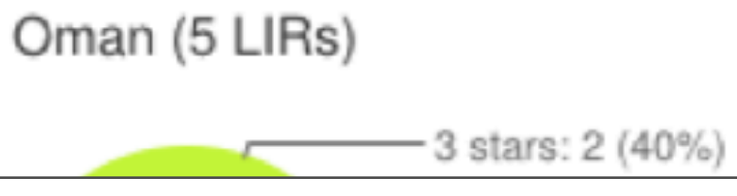


N


Netherlands (471 LIRs)
4 stars: 169 (35%)
3 stars: 56 (11%)
2 stars: 38 (8%)
1 star: 77 (16%)
no IPv6: 131 (27%)

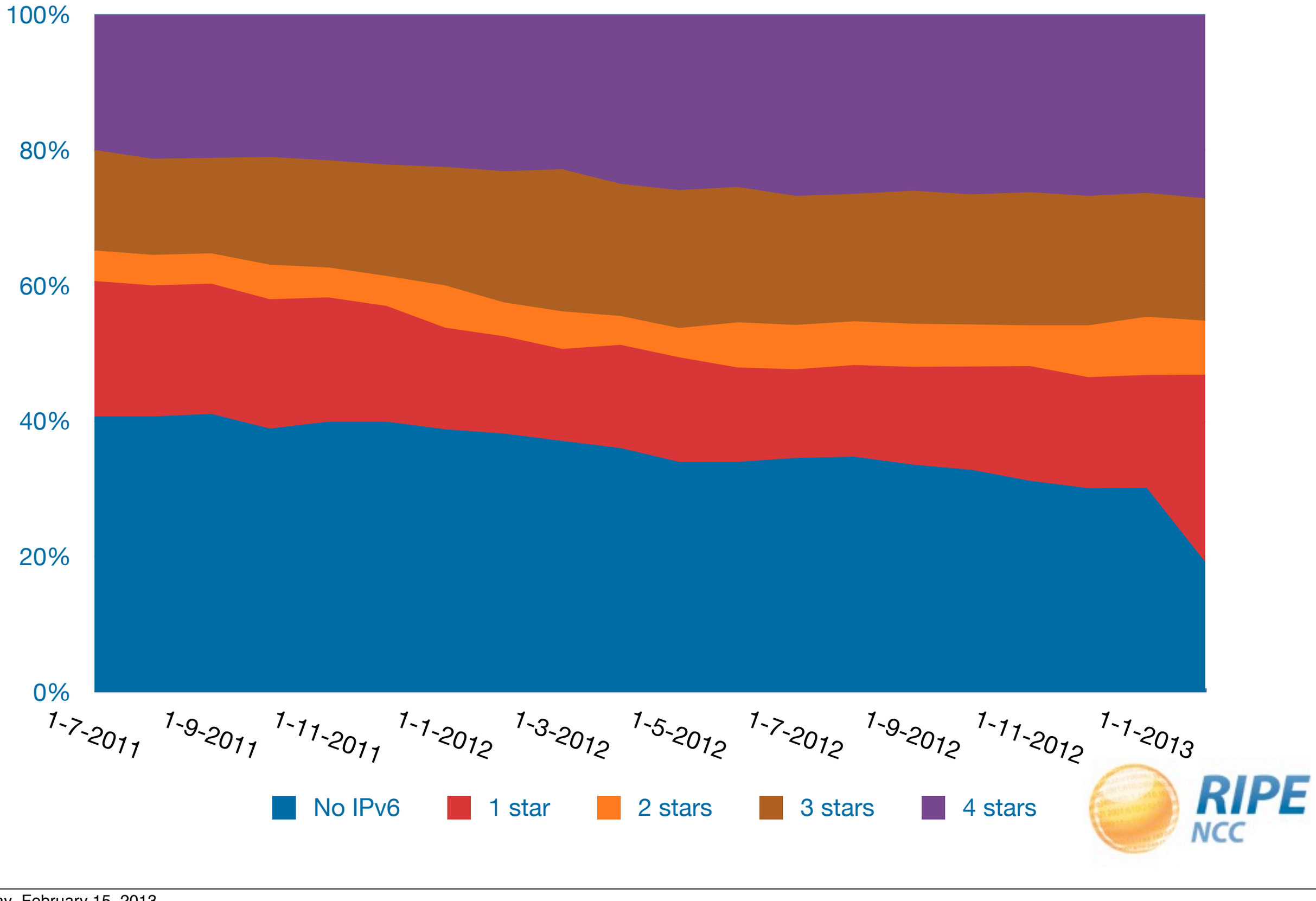

Norway (189 LIRs)
3 stars: 33 (17%)
4 stars: 51 (26%)
2 stars: 16 (8%)
1 star: 33 (17%)
no IPv6: 56 (29%)

O

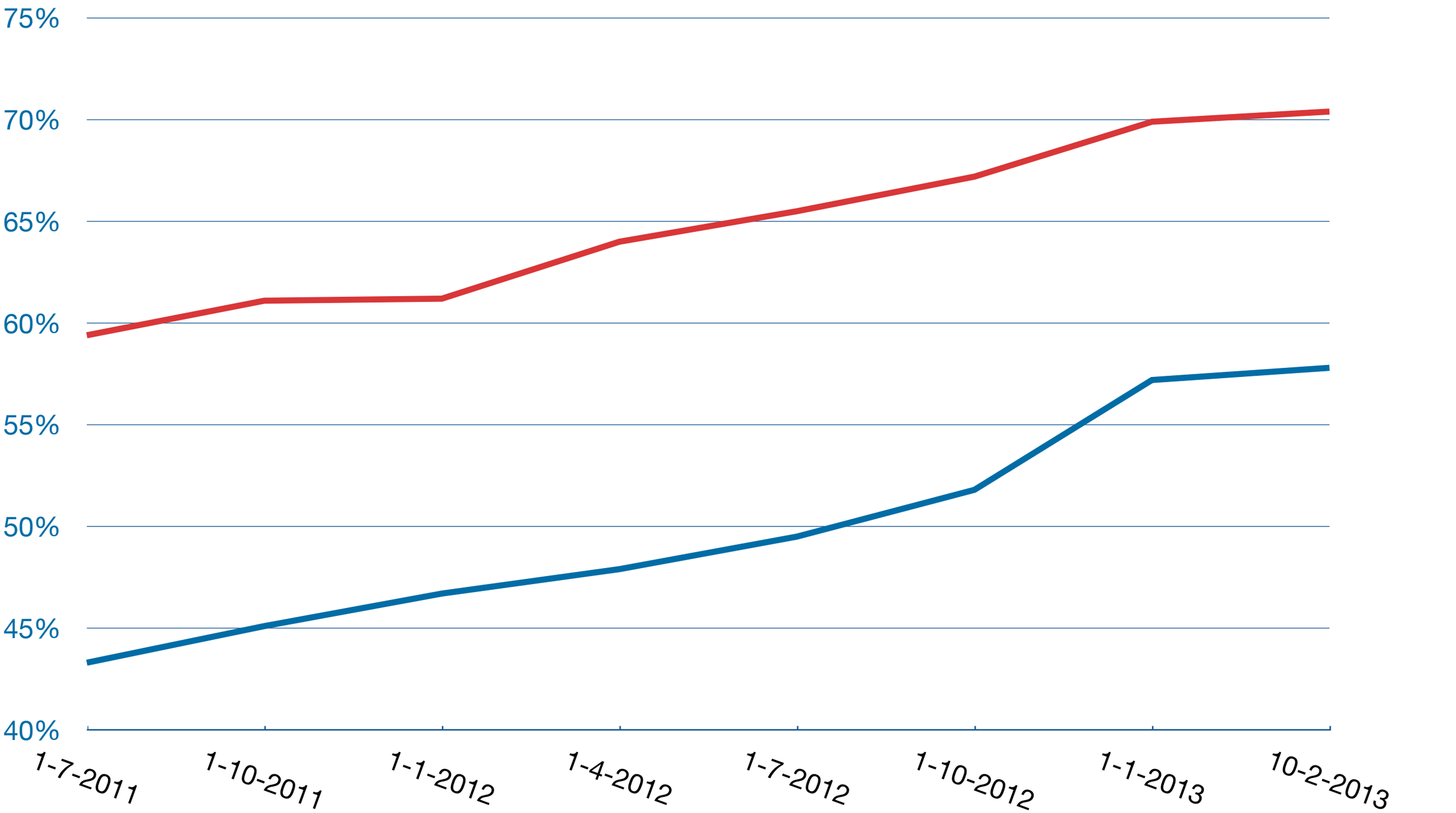

Oman (5 LIRs)
3 stars: 2 (40%)

IPv6 RIPEness Over Time

(Norway)



Percentage of LIRs with IPv6



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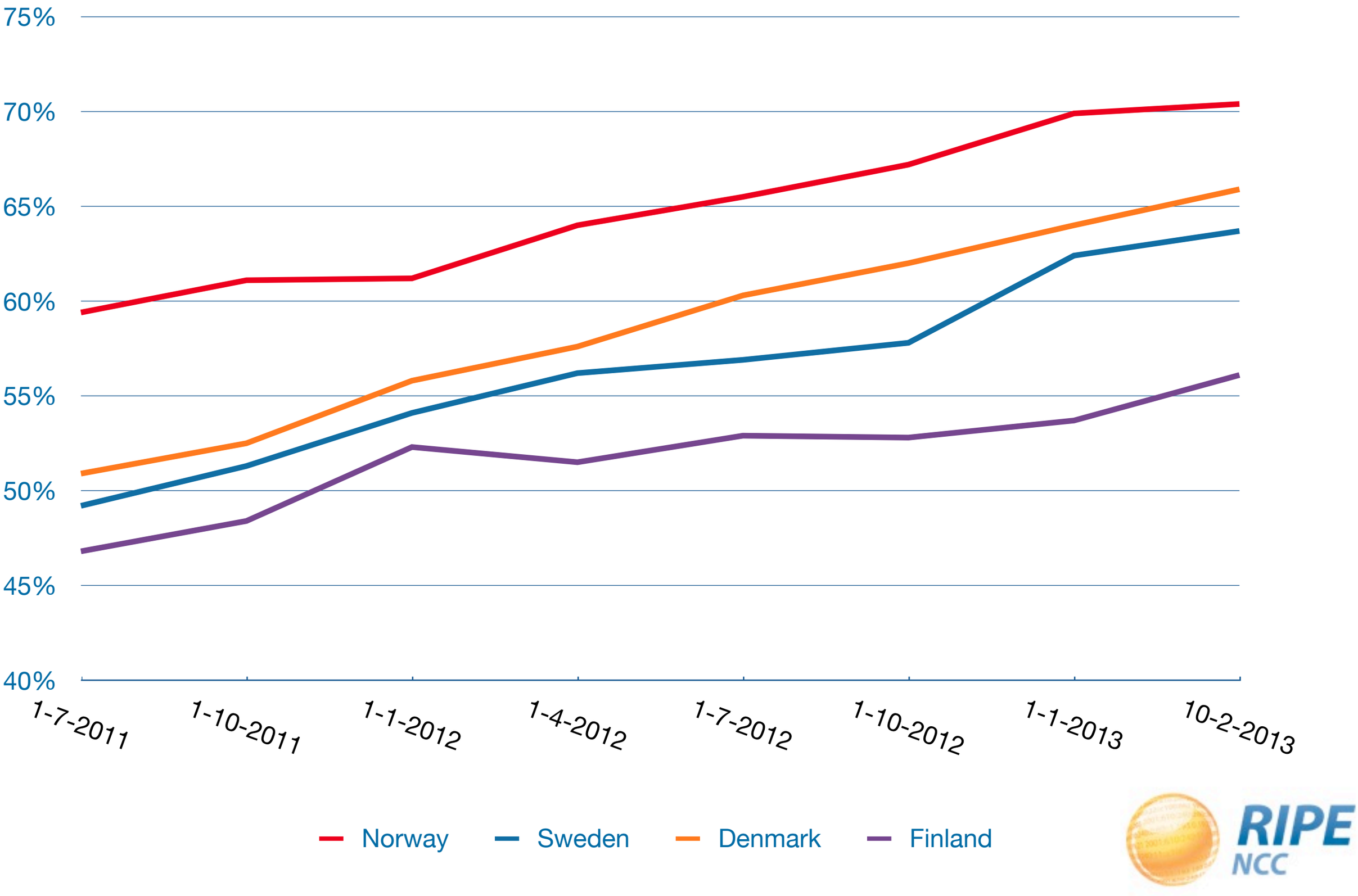

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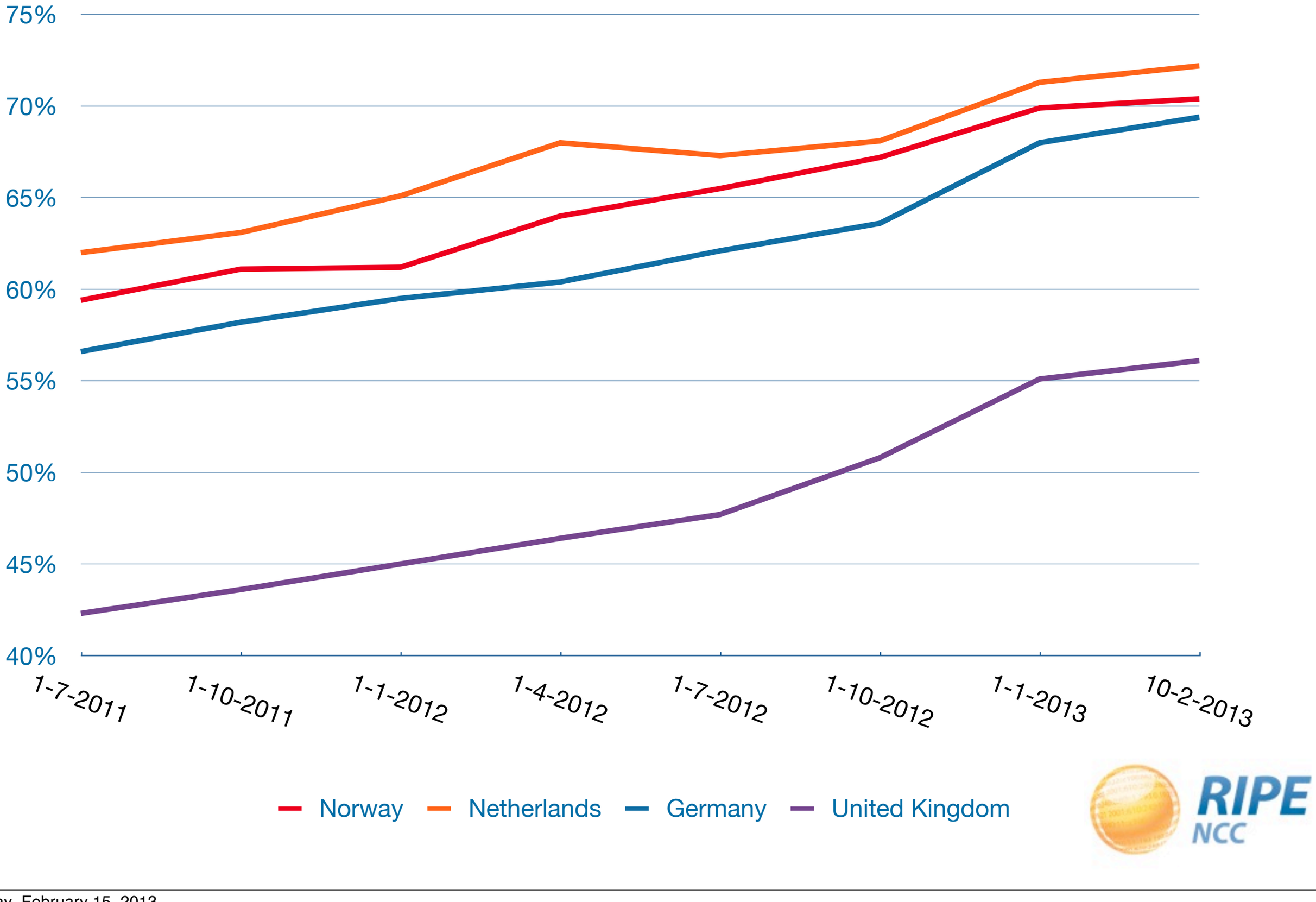
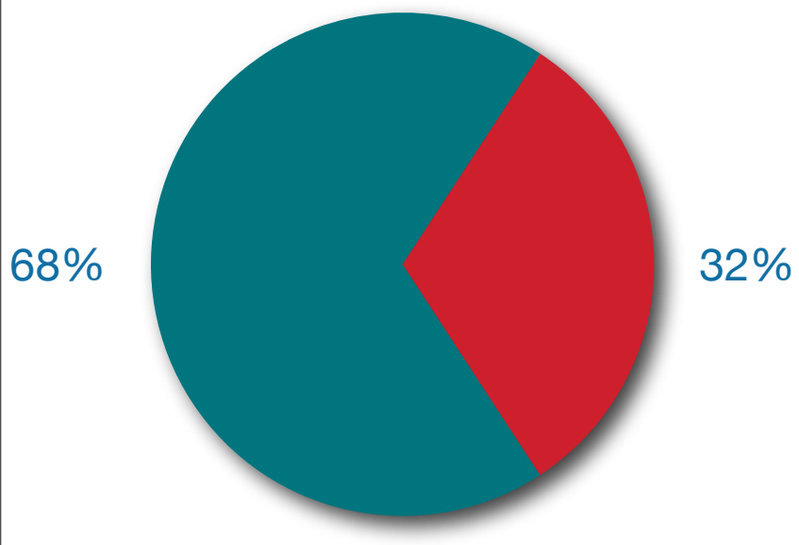
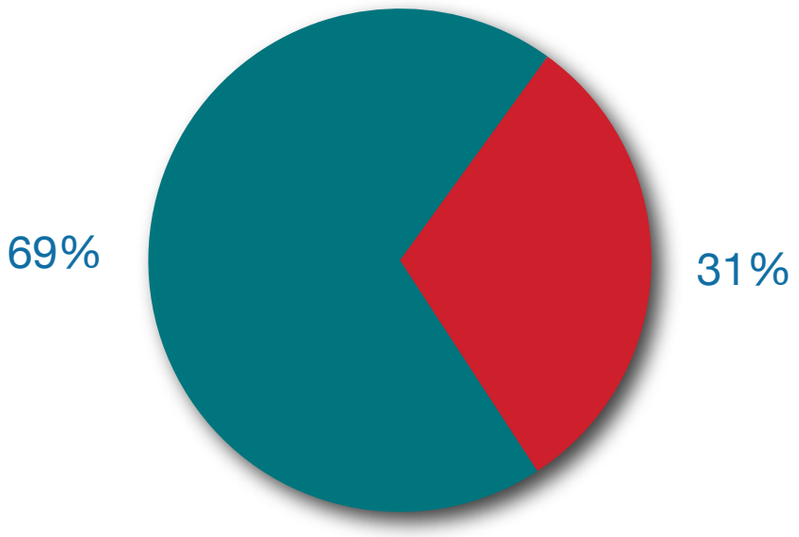


Breakdown IPv6 RIPEness

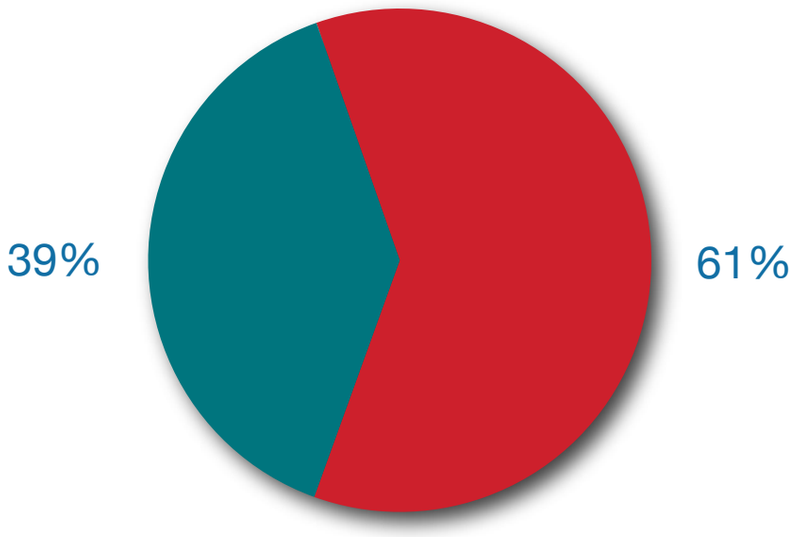
(Norway)



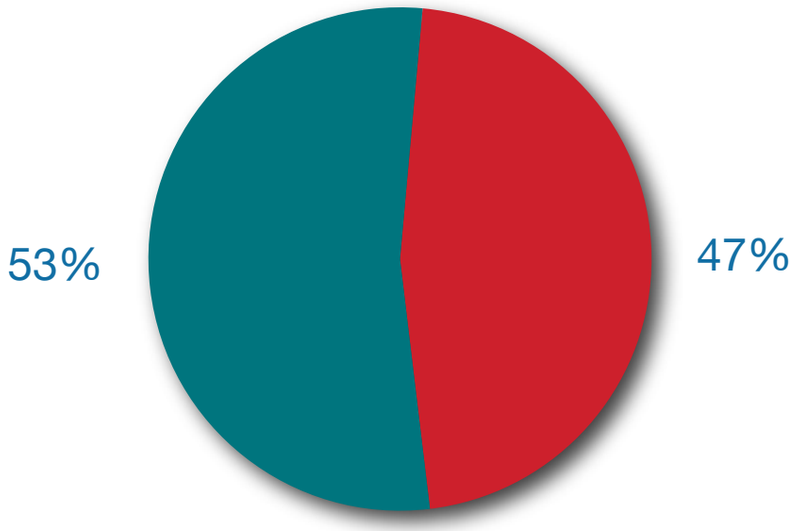
Route Visible



Route Object



Reverse DNS



2 stars with visible route

Yes No

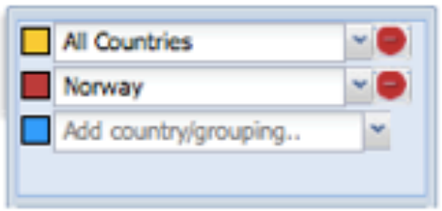
RIPE NCC

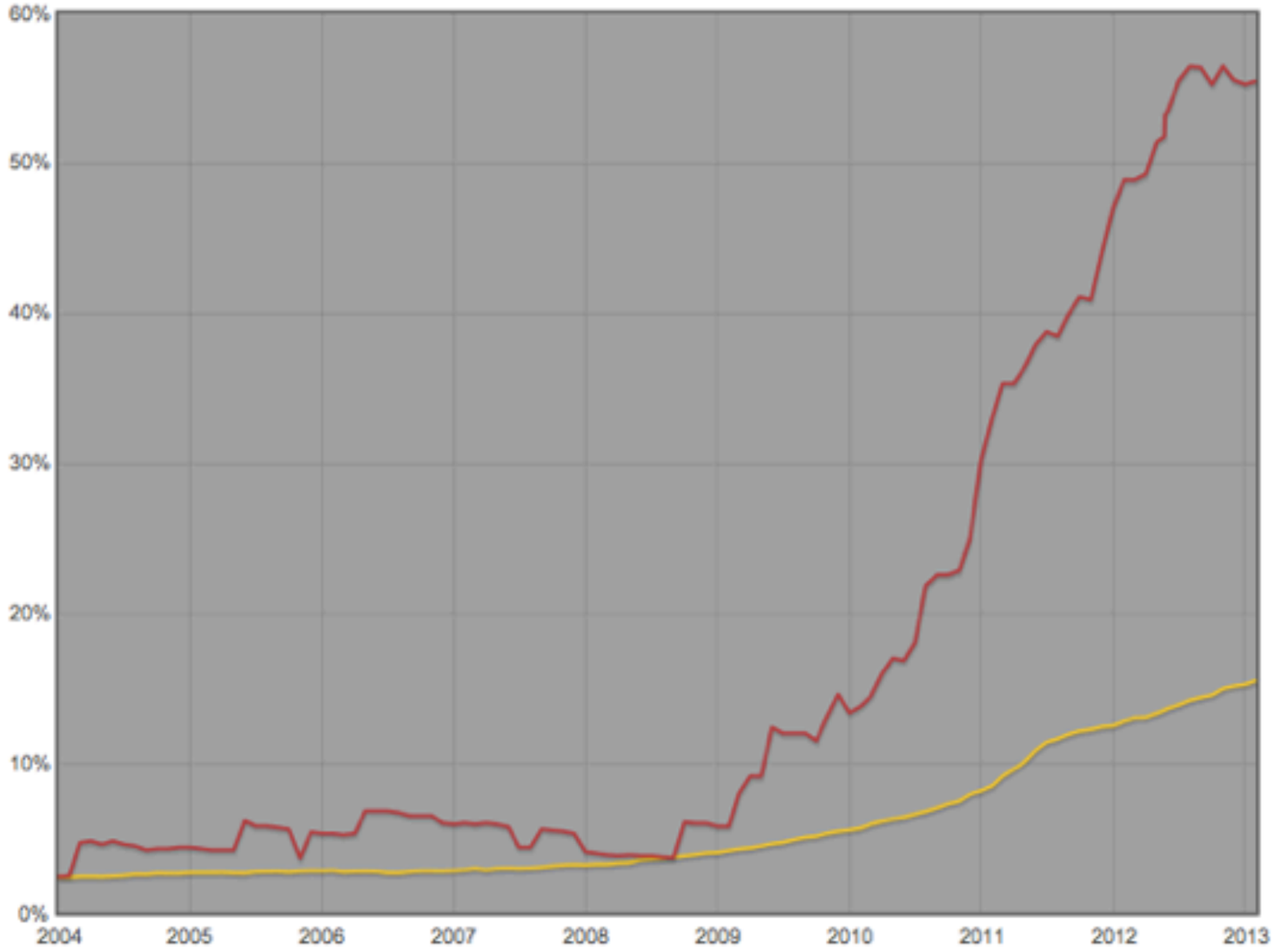
RIPE NCC

IPv6 Enabled Networks

permalink: **http://v6asns.ripe.net/v/6?s=_ALL;s=NO**

This graph shows the percentage of networks (ASes) that announce an IPv6 prefix for a specified list of countries or groups of countries





Methodology

For every date we sampled, we took a BGP table dump from the Routing Information Service (RIS) and counted the percentage of ASes that announced an IPv6 prefix, relative to the total number of ASes in this routing table. We mapped the ASes to country using the RIR stats files. To assess the accuracy of that mapping we compared it to geolocating all announced IPv4 space for an AS. Geolocation was done with the MaxMind geolocation database. We found that in 89% of ASes all IPv4 address space geolocated to the same country as RIR stats. An extra 5% of ASes geolocated to multiple countries, but the largest fraction of address space geolocated to the same country as RIR stats. Some countries do not show up in this graph, either because there are no ASes in the RIR stats for that country, or the ASes listed for the country are not announcing any address space.

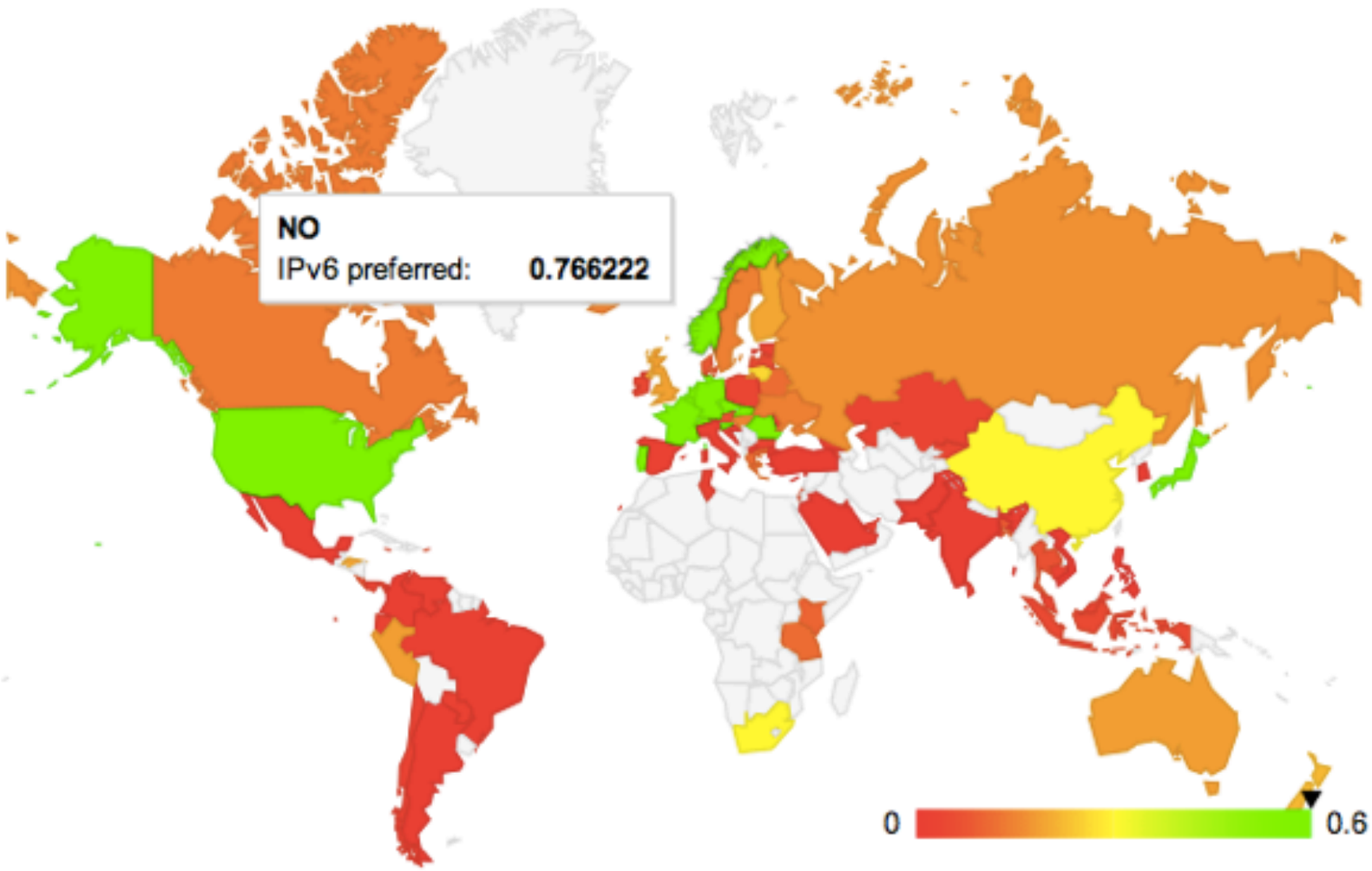
APNIC

Labs.APNIC.NET

World IPv6 Launch - 6 June 2012

As part of the World IPv6 Launch program we report on the levels of IPv6 deployment measured by client end-to-end capability. This is reported by economy, AS, and by regional and organizational breakdowns. This can be found at labs.apnic.net/ipv6-measurement.

Click on an Economy to jump to its graphs

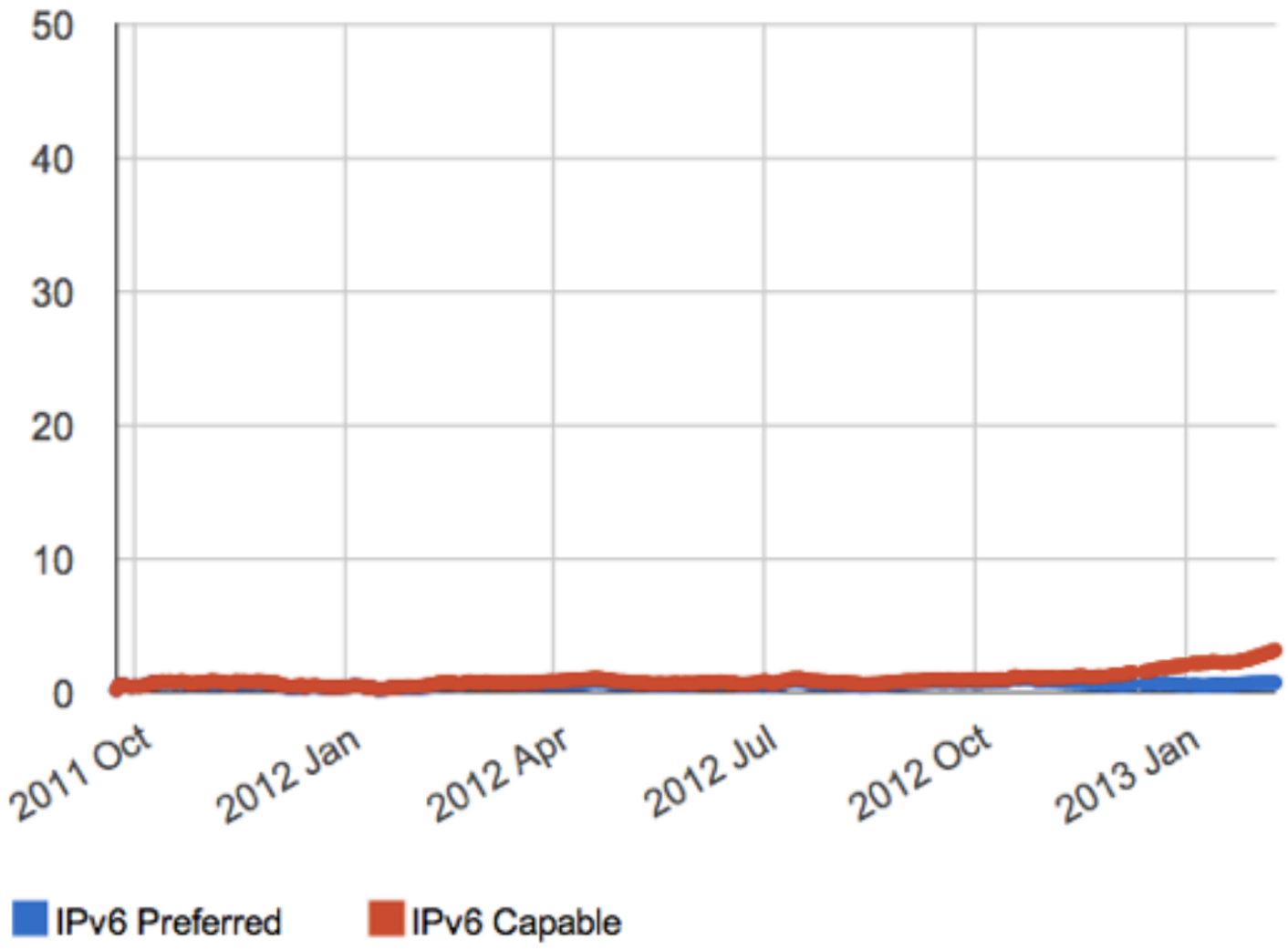


IPv6 measurements for Norway

back

Map | Preference 30 day average | Capability 30 day average | Preference 7 day average | Capability 7 day average | Select an Economy | Sample Count

IPv6 Preference 30 day moving average with Capability



Welcome to RIPE Atlas!

Who is building the biggest Internet measurement network ever made? **You Are! Apply for your RIPE Atlas probe now!**

It is called RIPE Atlas and will produce a collection of live Internet maps with unprecedented detail. Our goal is to deploy thousands of active probes primarily in the RIPE NCC service region and measure the Internet infrastructure in real time. As a sponsor or host you will not only help to achieve this ambitious goal, but will also have the possibility of conducting your own measurements using this network of probes.

In order to learn more about RIPE Atlas, you can check out the RIPE Labs articles or the FAQs.

If you would like to take part in this effort, please apply for a RIPE Atlas probe. Before you can receive your RIPE Atlas probe you need to have RIPE NCC Access account.

Active probe locations

The following maps shows the current extent of the RIPE Atlas network. Because of privacy reasons all locations are approximations only. The information is refreshed hourly.

Node that is up | Node that is down

Check your IPv6 network reachability with traceroutes using RIPE Atlas

In order to add your measurement to the queue, enter the IPv6 target here (host name or IPv6 address): Measure this!

For best measurement results, please make sure your target is not behind any firewall that filters out UDP traceroutes!

Current status of measurements:

	Yours	Total
Waiting	0	0
Running	0	0
Done	1	792

Your latest 10 measurements:

Target	Status	Added time	Scheduled time	Finished time
horst.marcoh.net	Done	2012-08-01 12:46:19 UTC	2012-08-08 13:30:01 UTC	2012-08-08 14:20:01 UTC

You can check out the first results once you measurement has started in your own list of measurements.

Please, keep in mind that you might have to wait some time until you get your results depending on how big the queue is.

Technical details:

- Measurements are executed in a first come - first served basis. Currently we are allowing 50 parallel measurements for all users (In the future we are aiming to remove this limitation)
- Each user can have **3** measurements waiting in the queue to be served.
- Under normal circunstances, that you don't have to wait for other users to be served, it might take **~10** minutes until your measurement starts.
- Your measurement will last **45** minutes and you will get **~3** results from every IPv6 capable vantage point (RIPE Atlas probes).

For more details please visit the Labs articles [1], [2].

If you like this measurement, and do not have a probe yourself, you can apply for one here.

If you would like to do more and different kind of measurements, you can become a sponsor. This way you can get multiple probes, distribute them to your customers or

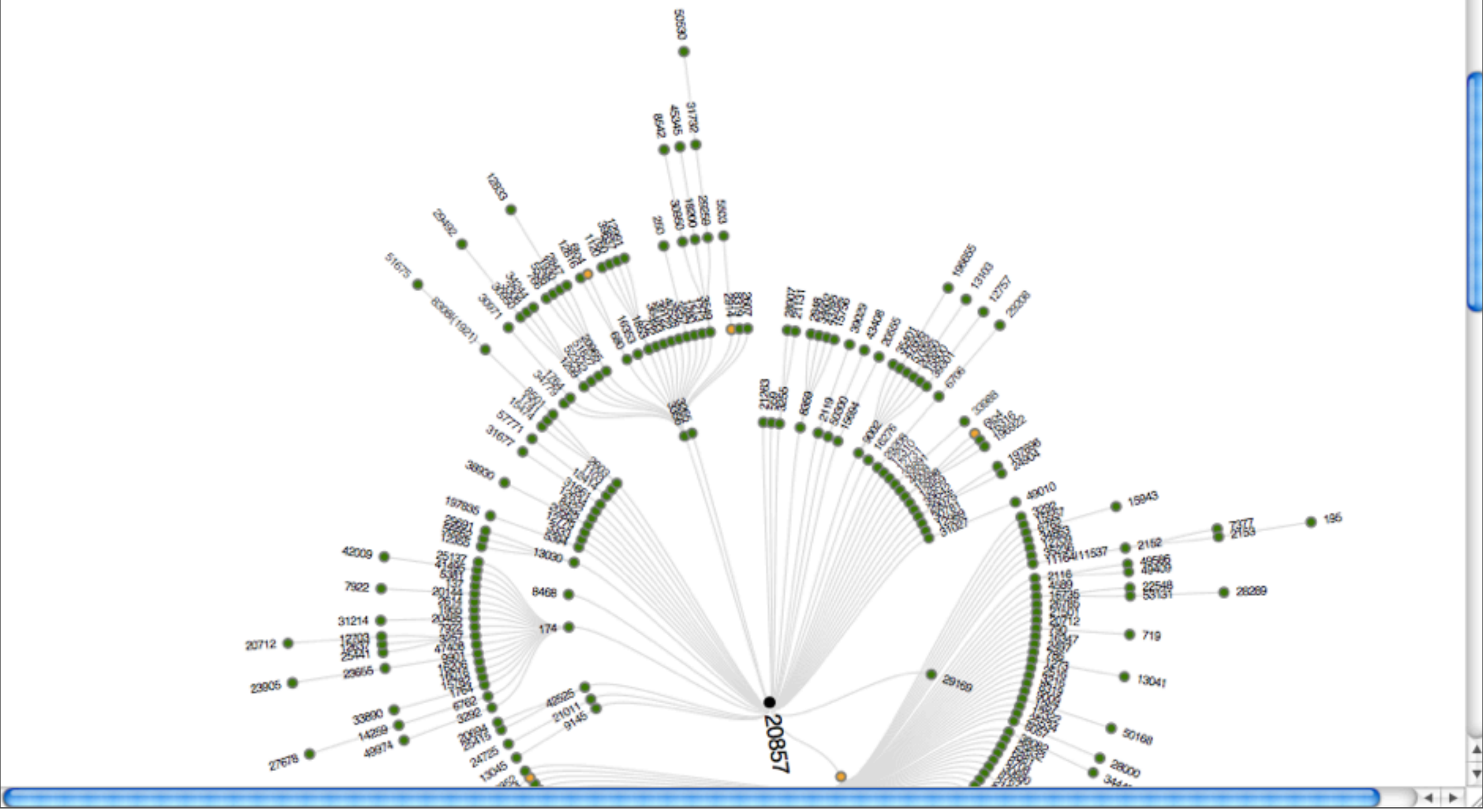
http://albatross.ripe.net/cgi-bin/demo-area/v6reach.cgi?msm_...de3ff82378c63b12f64420a5339a540331efe9c49418c15f;no_embed=1

http://albatross.ripe.net/cgi-bin/demo-area/v6reach.cgi?msm_id=1003533;nonce=e7ecbad6c

Reader

Google

AS-level map of traceroutes reaching the destination



Questions?

IPv4

1,000 /22s Allocated from Last /8

Ingrid Wijte — Feb 01, 2013 12:45 PM
Contributors: Rene Wilhelm

1,000 /22s Allocated from Last /8

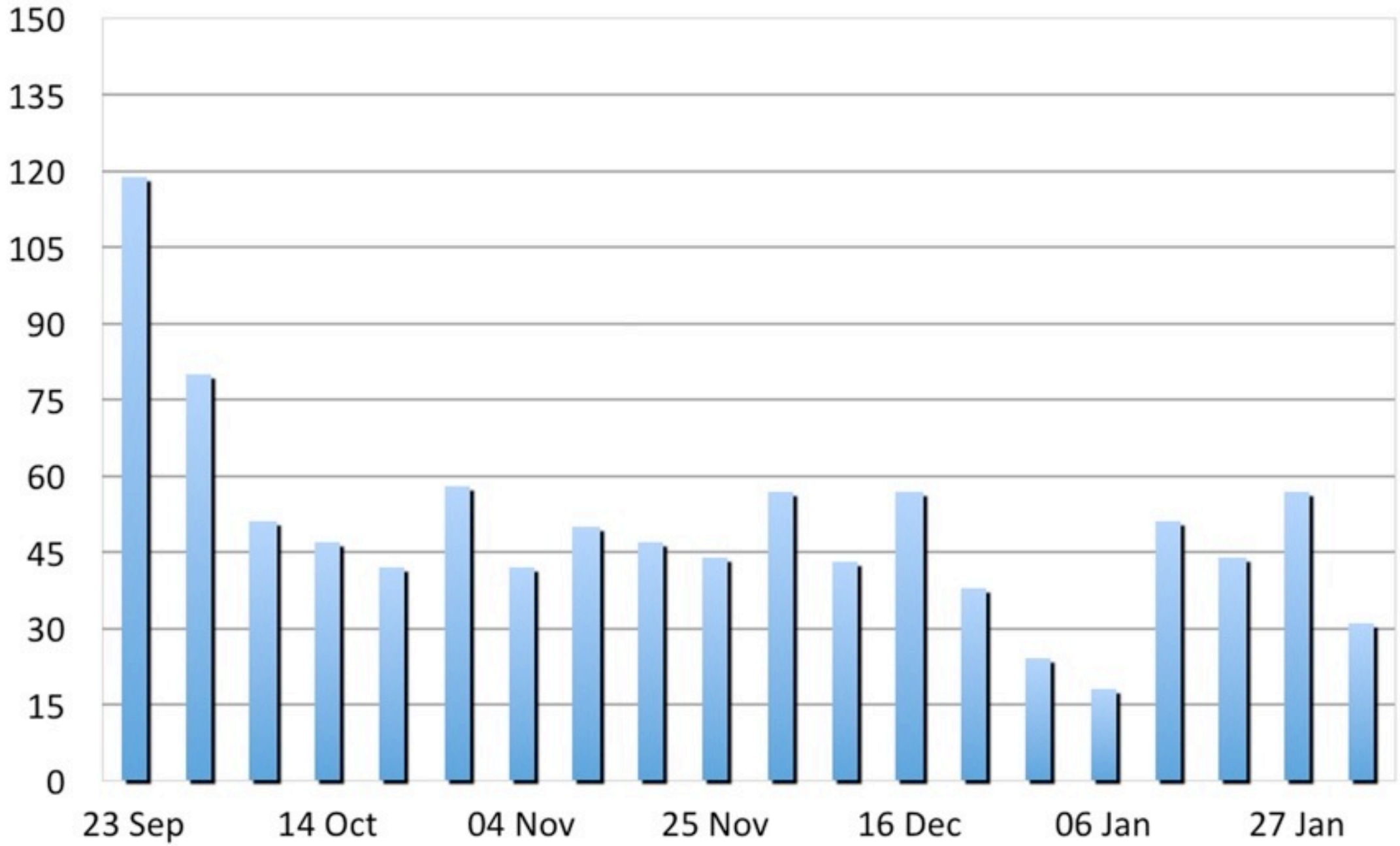
On 14 September 2012, the RIPE NCC started allocating from the last /8 of IPv4 addresses we received from IANA. This week we allocated the 1,000th /22!

As pointed out in the most recent article RIPE NCC Membership - 2012 Statistics, the number of IPv4 allocations issued since September has remained stable. In Figure 1 below you can see the number of IPv4 /22 allocations per week since September 2012. The numbers were a little lower in the second half of December but have increased again in January 2013.

tag cloud

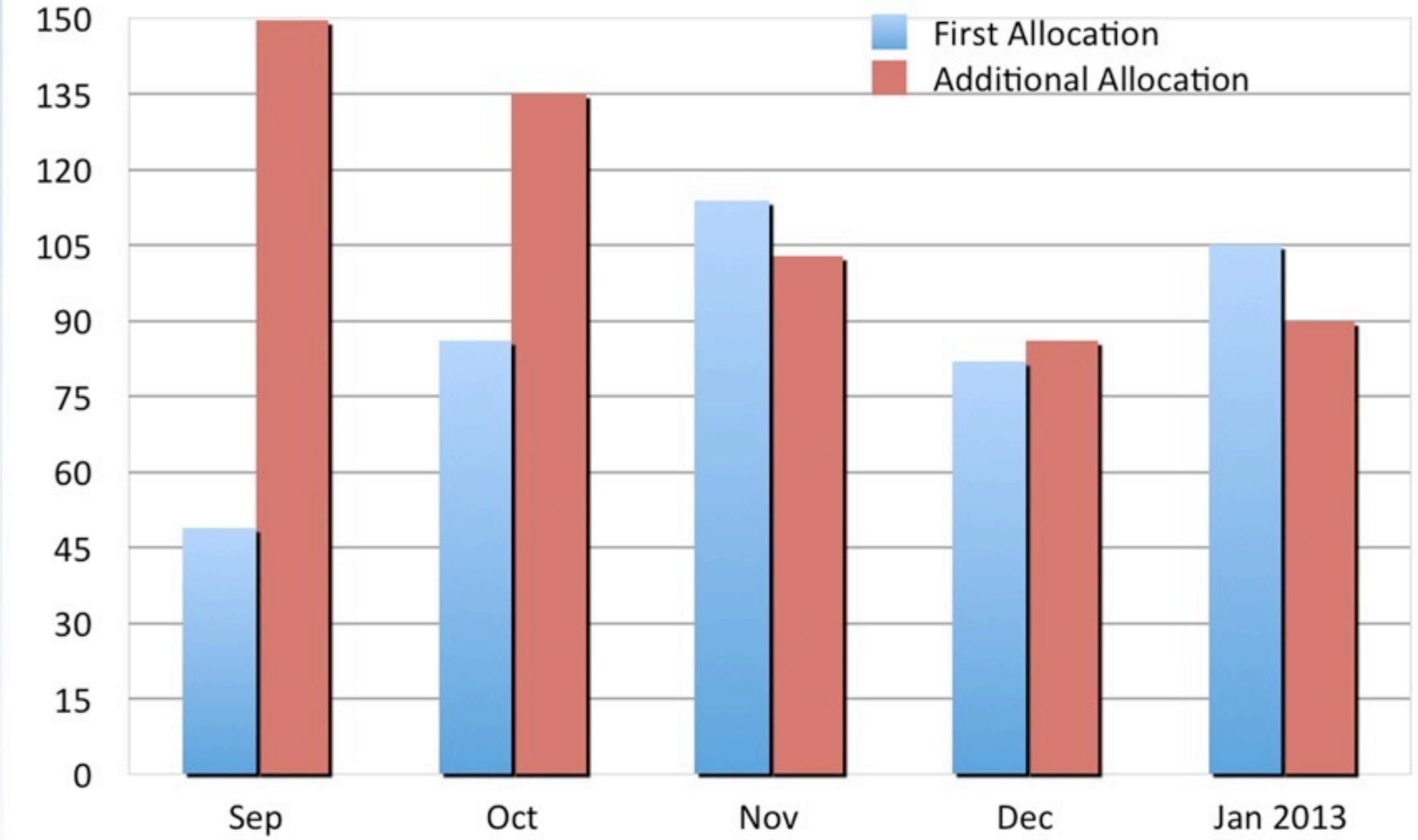
membership ripe atlas allocation api ases atlas certification country cpe database datarepository dns dnssec geolocation ipv4 ipv6 ipv6day ipv6launch ixp k-root

Weekly Number of IPv4 /22 Allocations



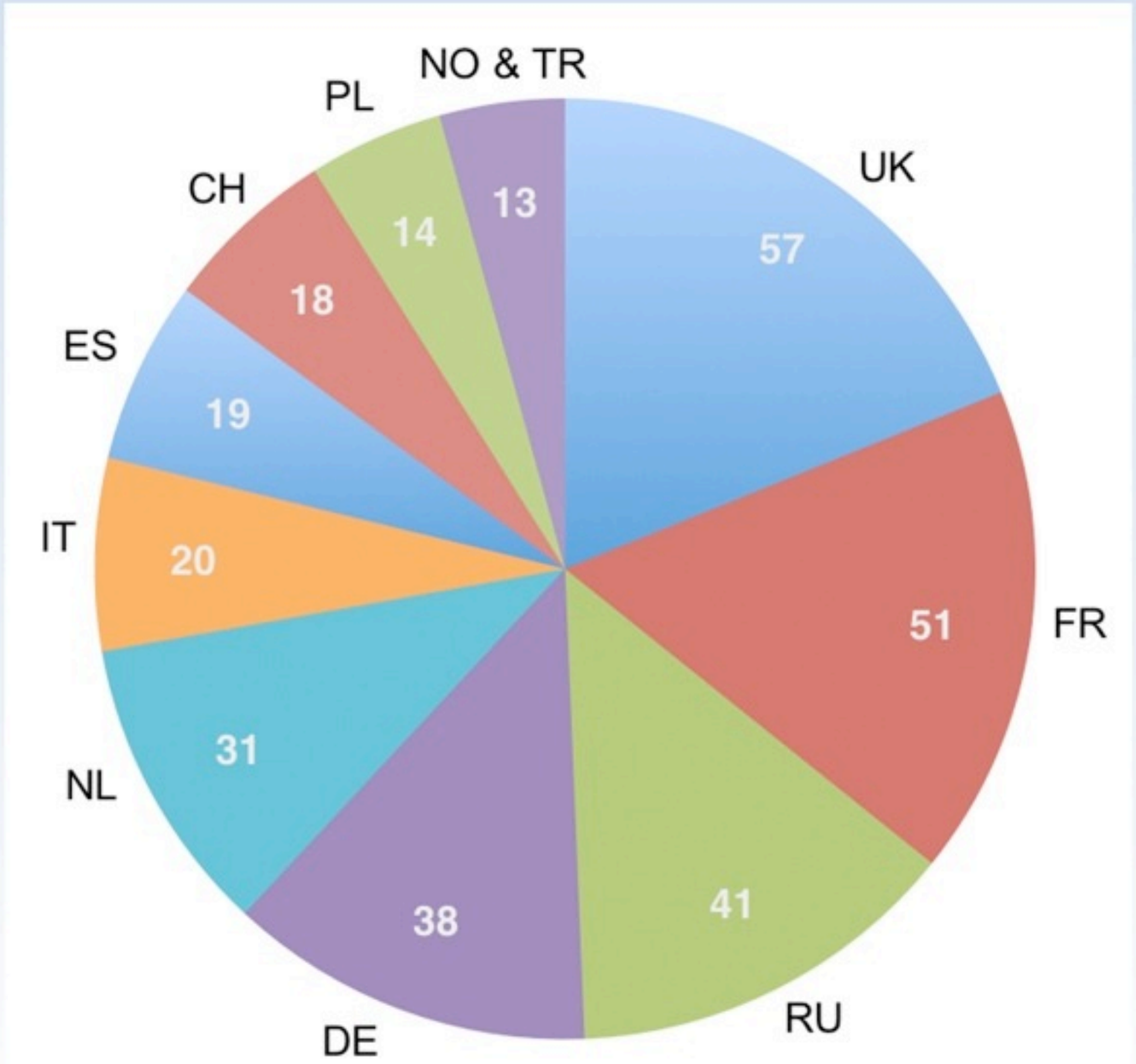
RIPE Labs

/22 as First vs. Additional Allocations



RIPE Labs

Top Ten Countries Receiving /22 as First Allocation

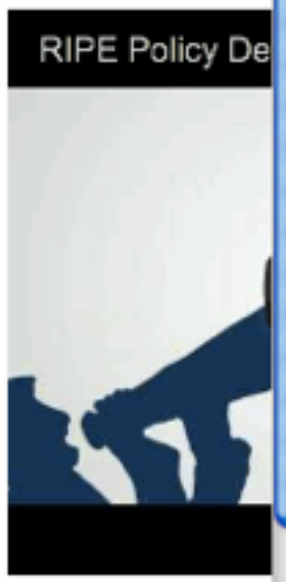


RIPE Labs

2012-02 Policy for Inter-RIR transfers of IPv4 address space		I.A **24 Dec 2012** Awaiting Decision from Working Group Chair		
2012-03 Intra-RIR transfer policy proposal		I.A **24 Dec 2012** Awaiting Decision from Working Group Chair		
2012-04 PI Assignments from the last /8		I.A **08 Oct 2012** Awaiting Decision from Working Group Chair		
2012-05 Transparency in Address Block Transfers			I.A **07 Jan 2013** Awaiting Decision from Working Group Chairs	
2012-06 Revert "Run Out Fairly" after IPv4 depletion			I.A **11 Jan 2013** Awaiting Decision from Working Group Chairs	

RIPE Working
RIR Compara
Overview (link

RIPE PDP Vi



Questions?

Dublin 13-17 May 2013

http://ripe66.ripe.net