RIPE NCC
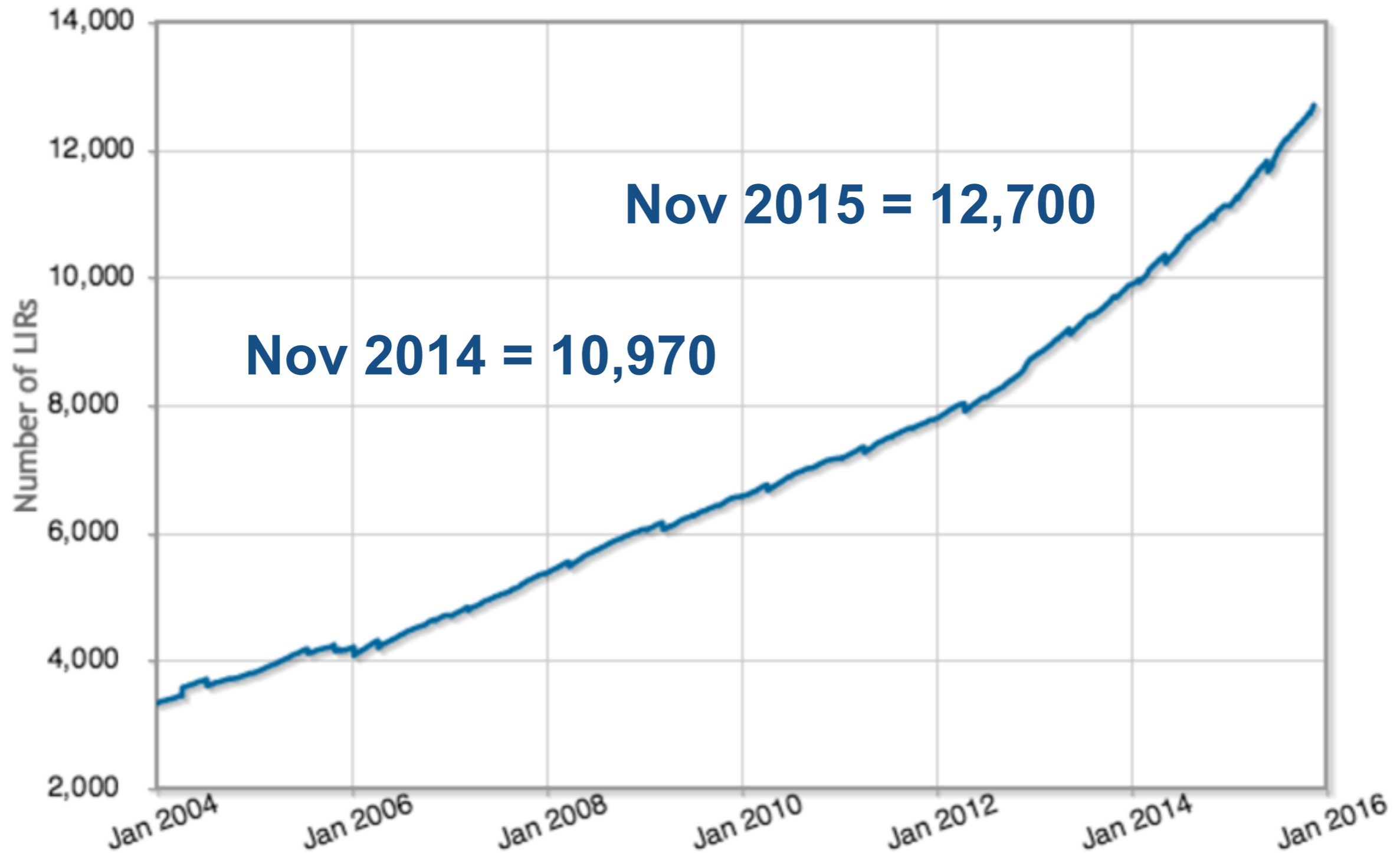
RIPE NETWORK COORDINATION CENTRE

RIPE NCC UPDATE

Ingrid Wijte | 04 December 2015 | AfriNIC23

Membership Growth 2015

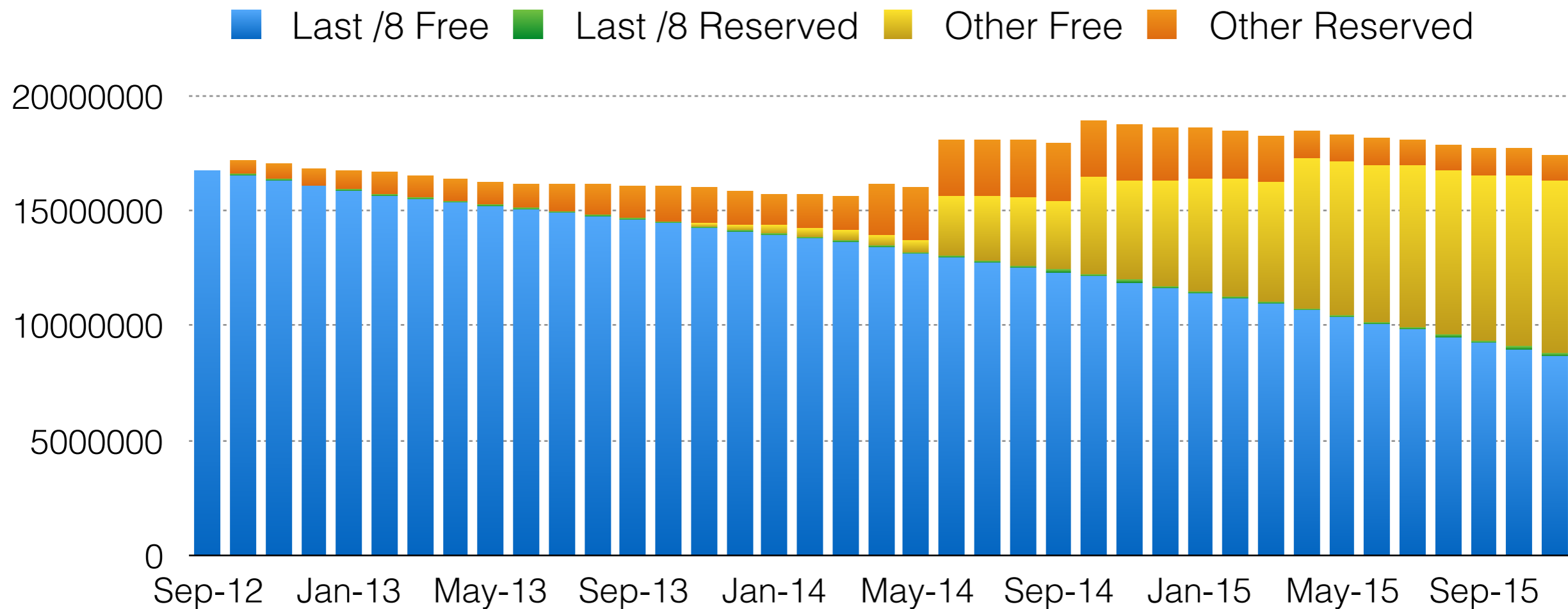**Nov 2015 = 12,700**

Nov 2014 = 10,970
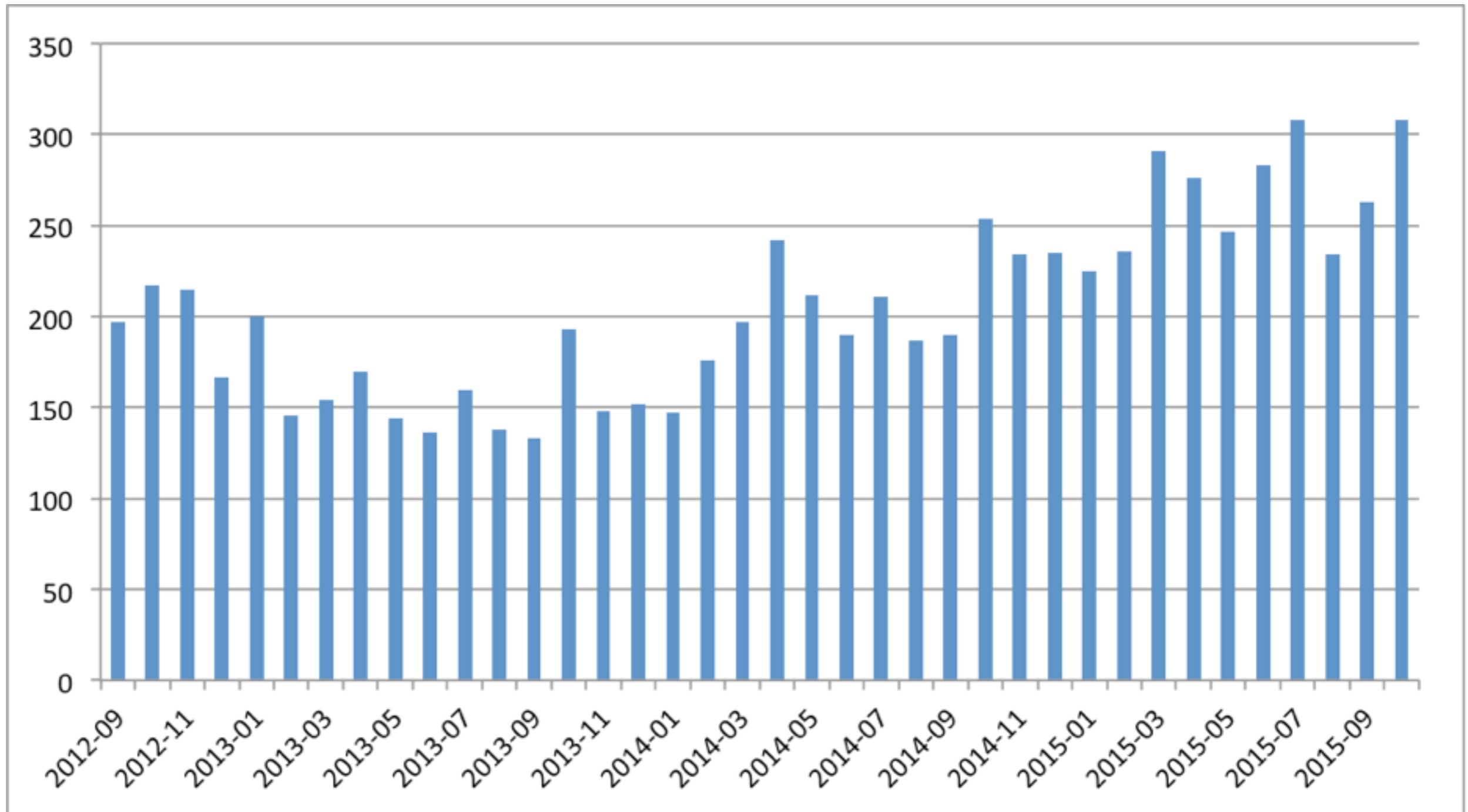
The Last /8

- We still have IPv4 addresses left — we have more than a /8 in the available pool

  - Every member can get 1,024 addresses (/22)

  - Block reserved for Internet Exchange Points, Temporary Assignments and Unforeseen circumstances

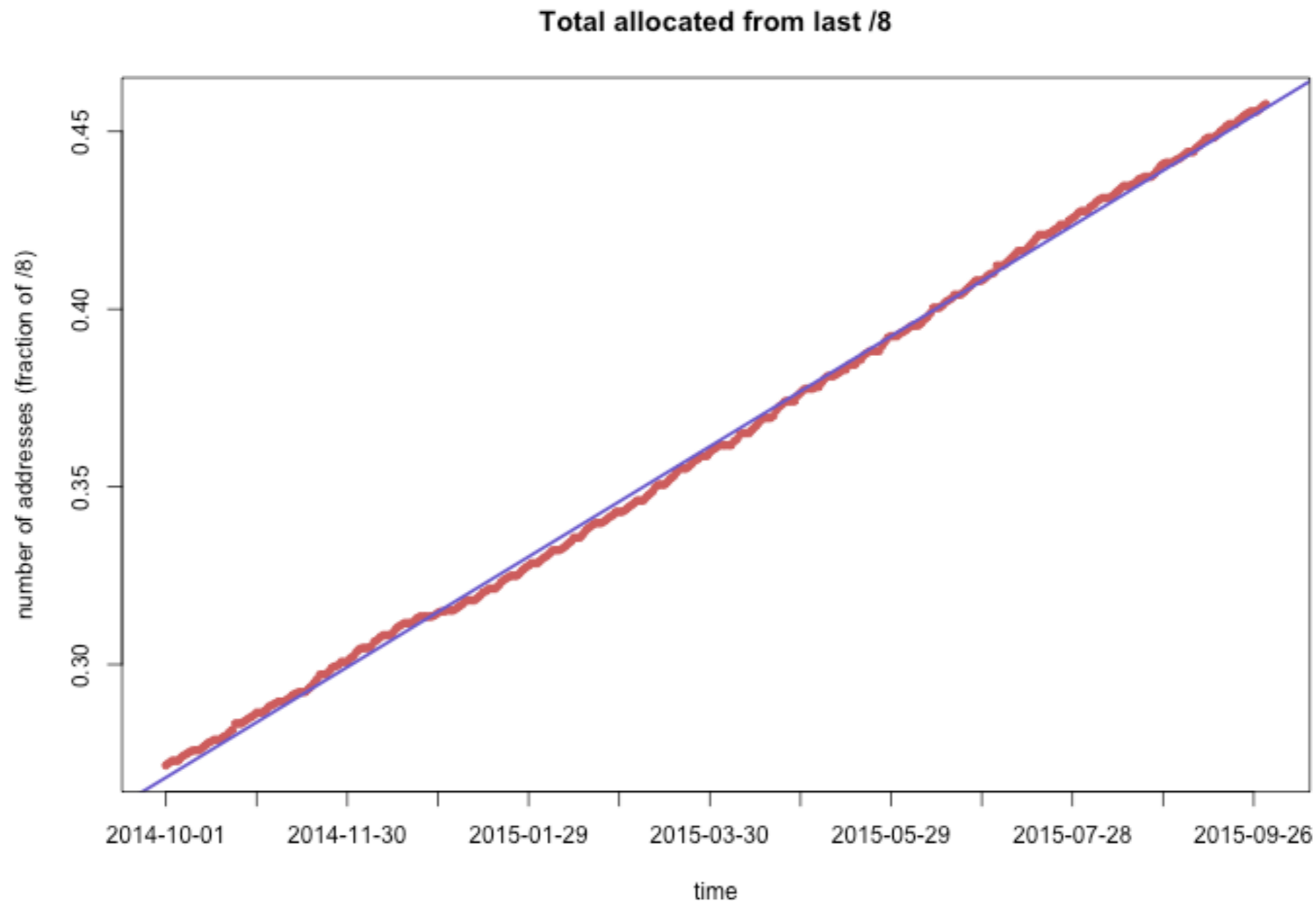# 3 Years After Reaching the Last /8

Legend: Last /8 Free, Last /8 Reserved, Other Free, Other Reserved

- http://bit.ly/IPv43y8

Allocations from the last /8

Future of IPv4 Pool
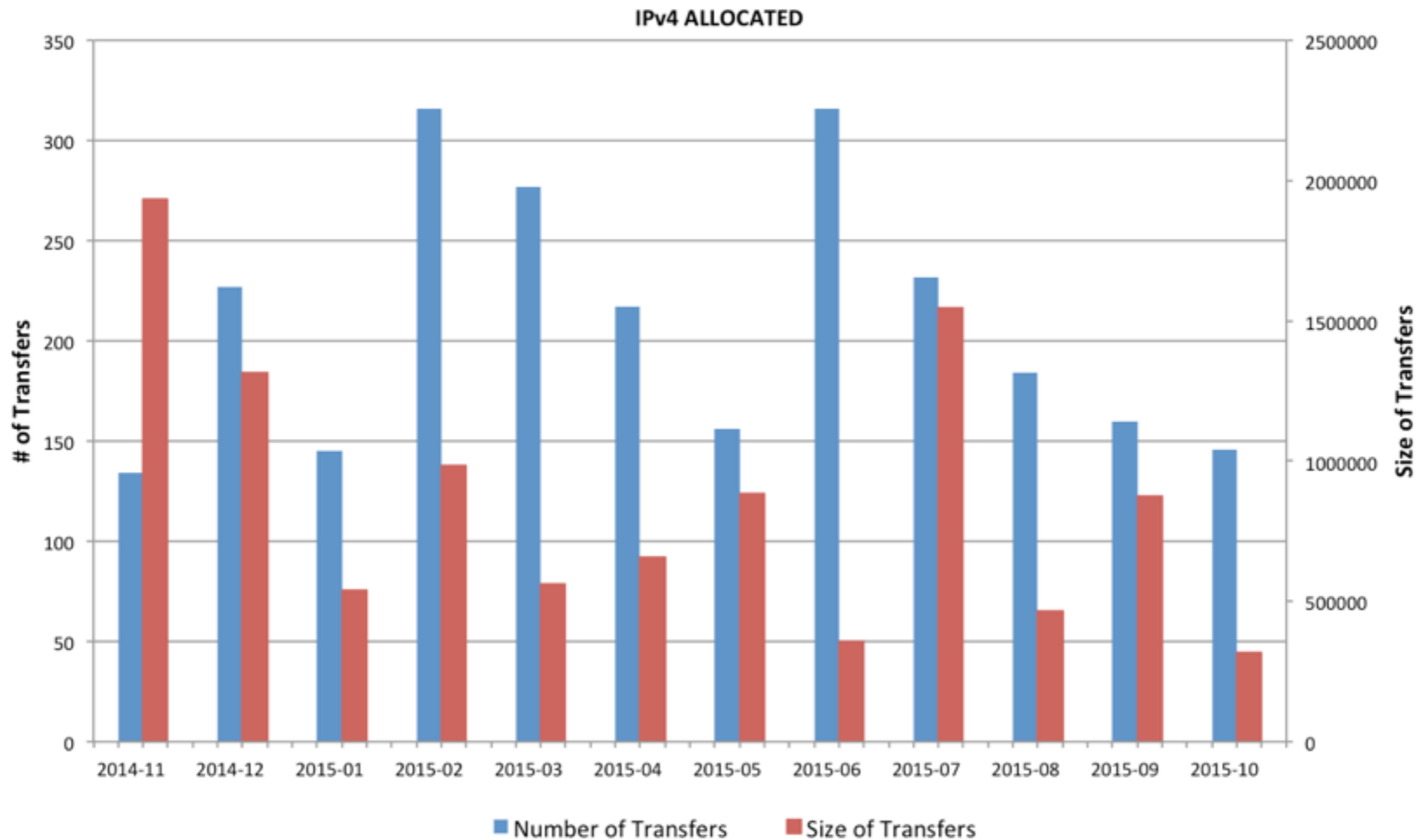
Total allocated from last /8

- Average of 8.5 /22s per day

- At this rate the IPv4 pool will last until January 2021

Resource Transfers

- "Alignment of Transfer Requirements" policy change avoids LIR accounts being created solely to transfer /22 allocations

- RIPE NCC Executive Board resolution that at least one full year's membership fee must be paid before an LIR account can close down

- RIPE NCC Executive Board resolution to suspend option to open multiple LIR accounts per legal entity to obtain multiple /22
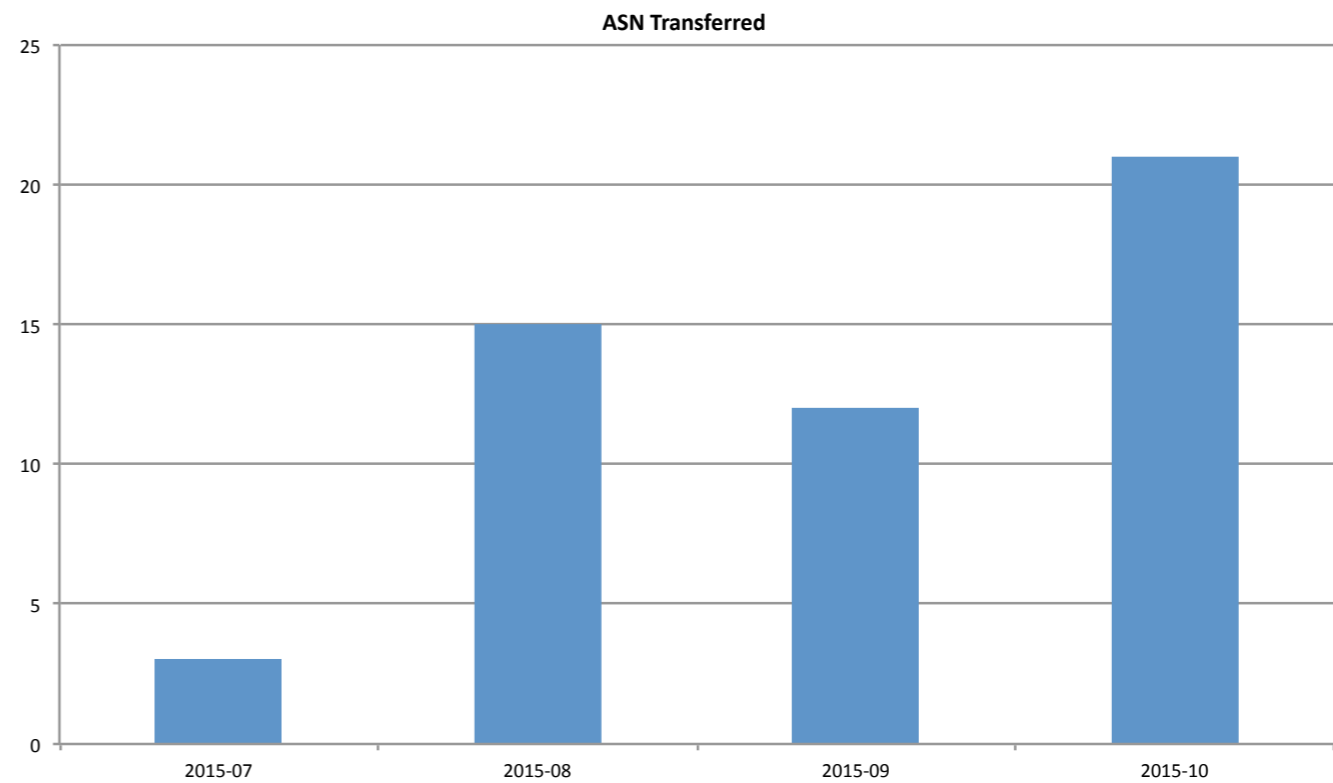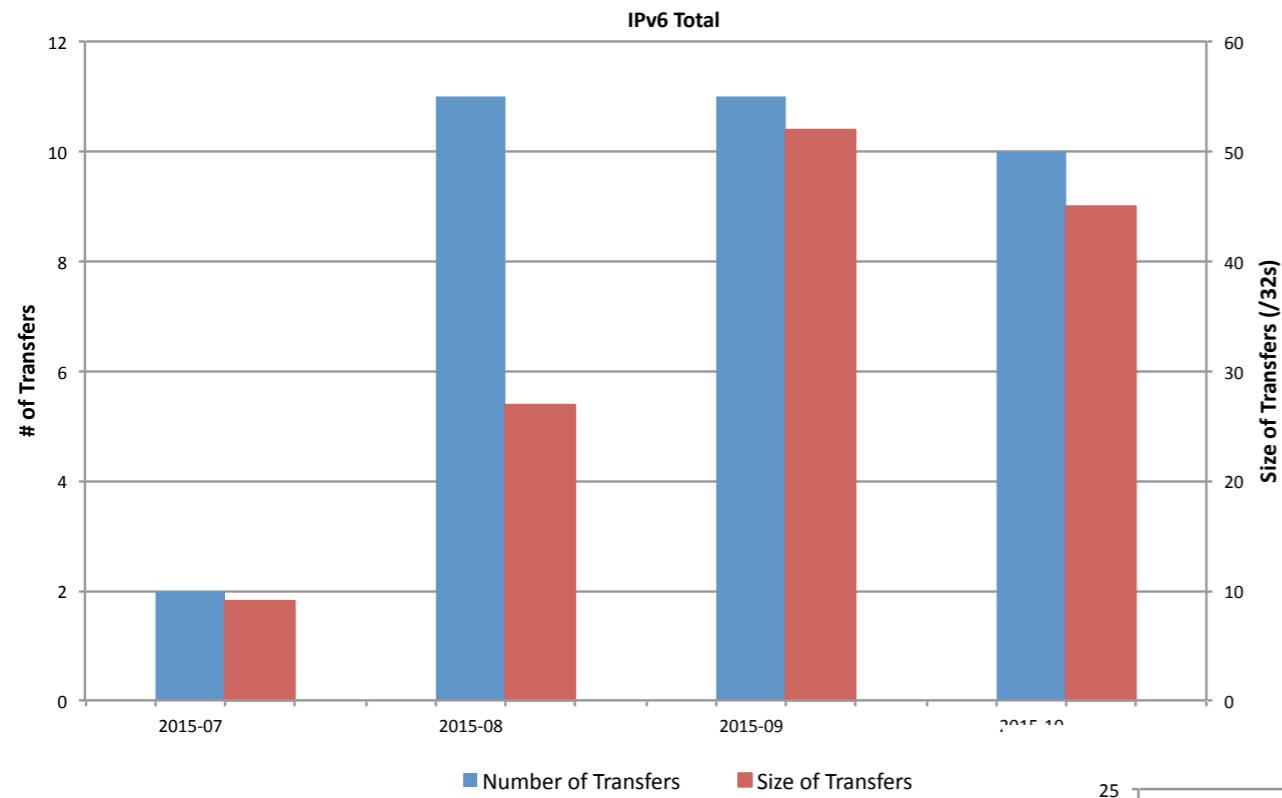
    - To be voted upon at GM 2016

IPv4 Allocation Transfers

Number of IPv4 addresses transferred last month: 326,144
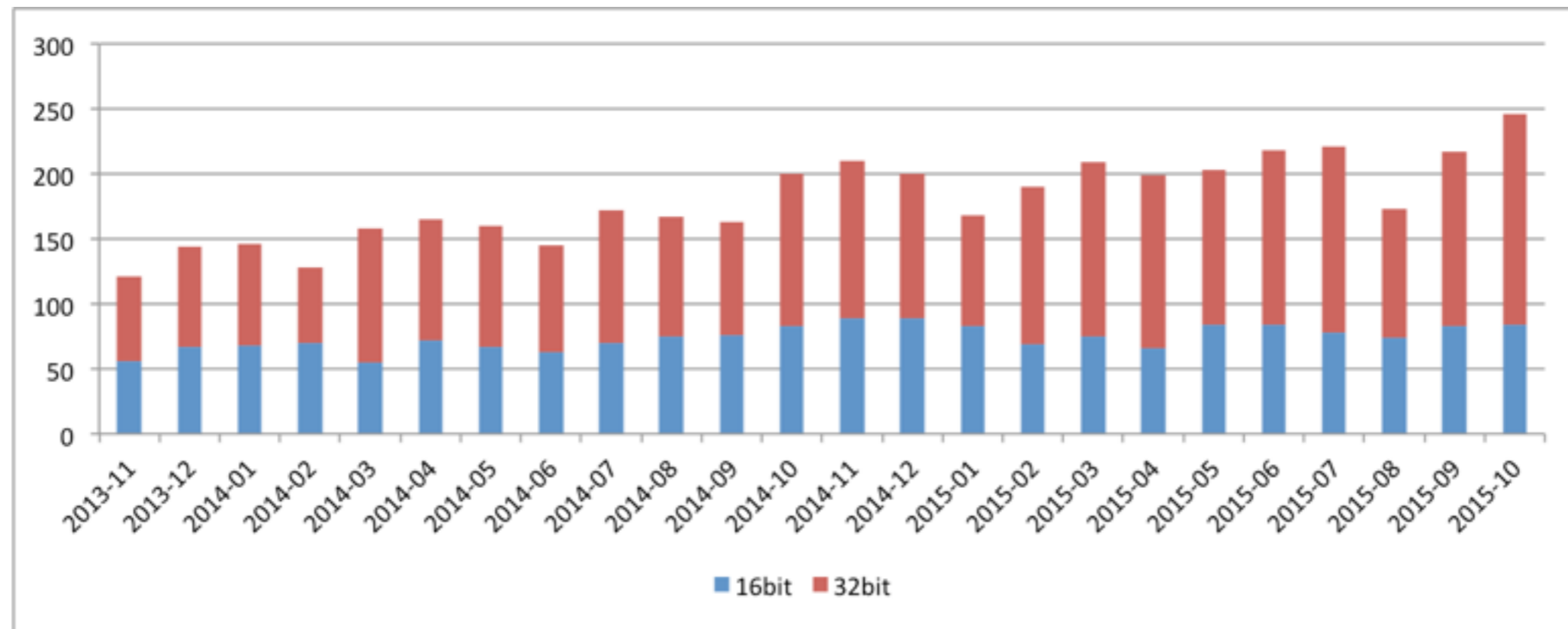
IPv6 and ASN Transfers

IPv6 Status

- Over 75% of our members have IPv6 address space

- Providing technical hands-on IPv6 training courses

- Improving our online IPv6 training and webinars

- IPv6 Roadshows

- "Train the Trainer" initiative to equip local talent in the Middle East region to deliver IPv6 training

- Contributed to the IPv6 Best Practices Forum (BPF) for this year's IGF
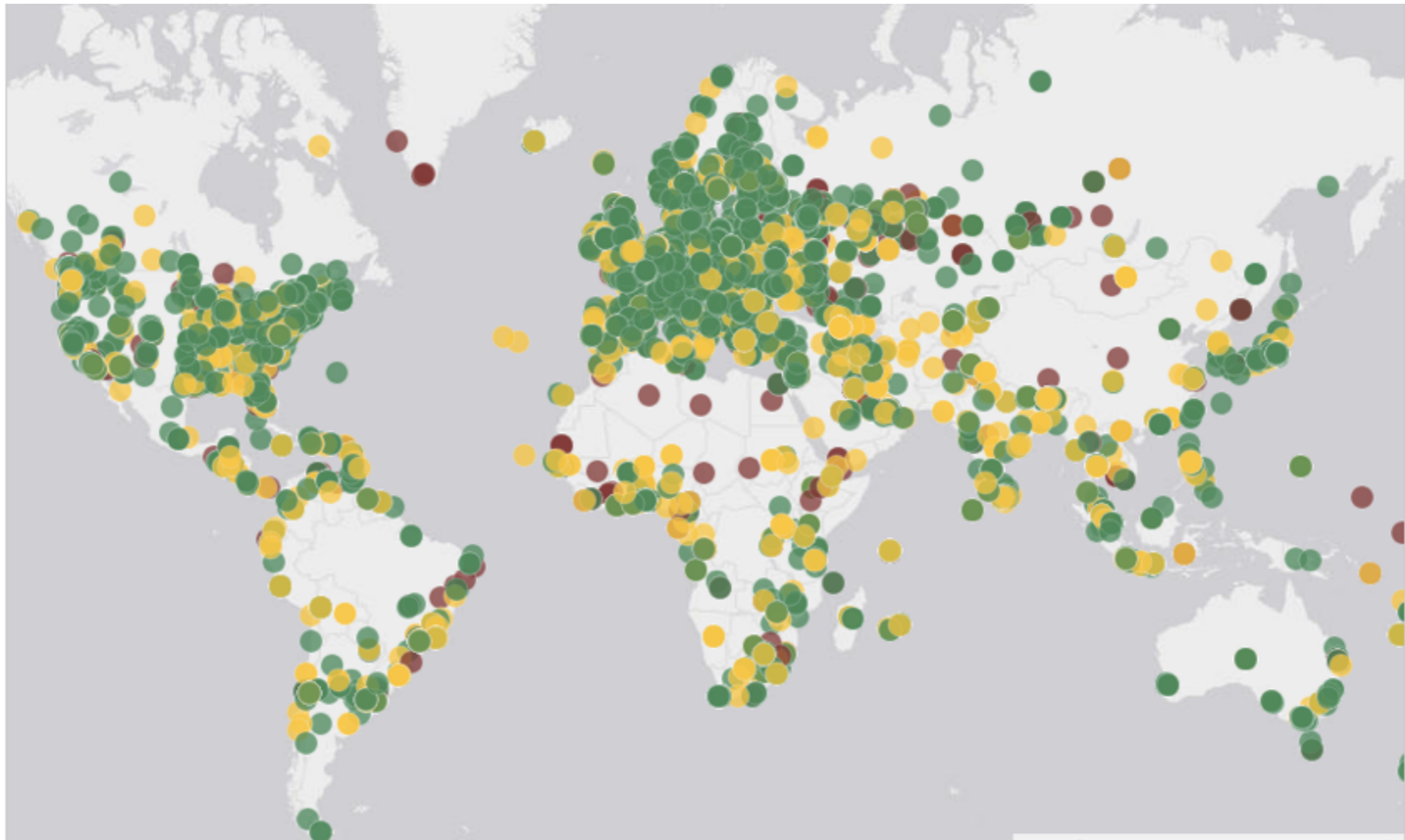
ASN Status

- We have assigned 32-bit ASNs by default since 2009

- ±2800 16bit ASNs.

- Will last ±36 months at current assignment rate

RIPE Atlas

With your help we're building the largest Internet measurement network ever made.

RIPE Atlas

- Currently at 9,124 connected probes and 159 RIPE Atlas anchors; aiming for 10,000 probes

- Being more selective about distribution — only looking for ASes that don't already have a probe

- Happy to have AfriNIC's help

- AfriNIC hosting 1 RIPE Atlas anchor

- Helping to distribute probes in your region

- Find out how others are using RIPE Atlas:

- https://labs.ripe.net/atlas/user-experiences

RIPE Meetings

- Previous Meetings:

  - November 2015: RIPE71 Bucharest, Romania

- Upcoming Meetings:

  - May 2016: RIPE72 Copenhagen, Denmark

  - October 2016: RIPE73 Madrid, Spain

Questions

ingrid@ripe.net