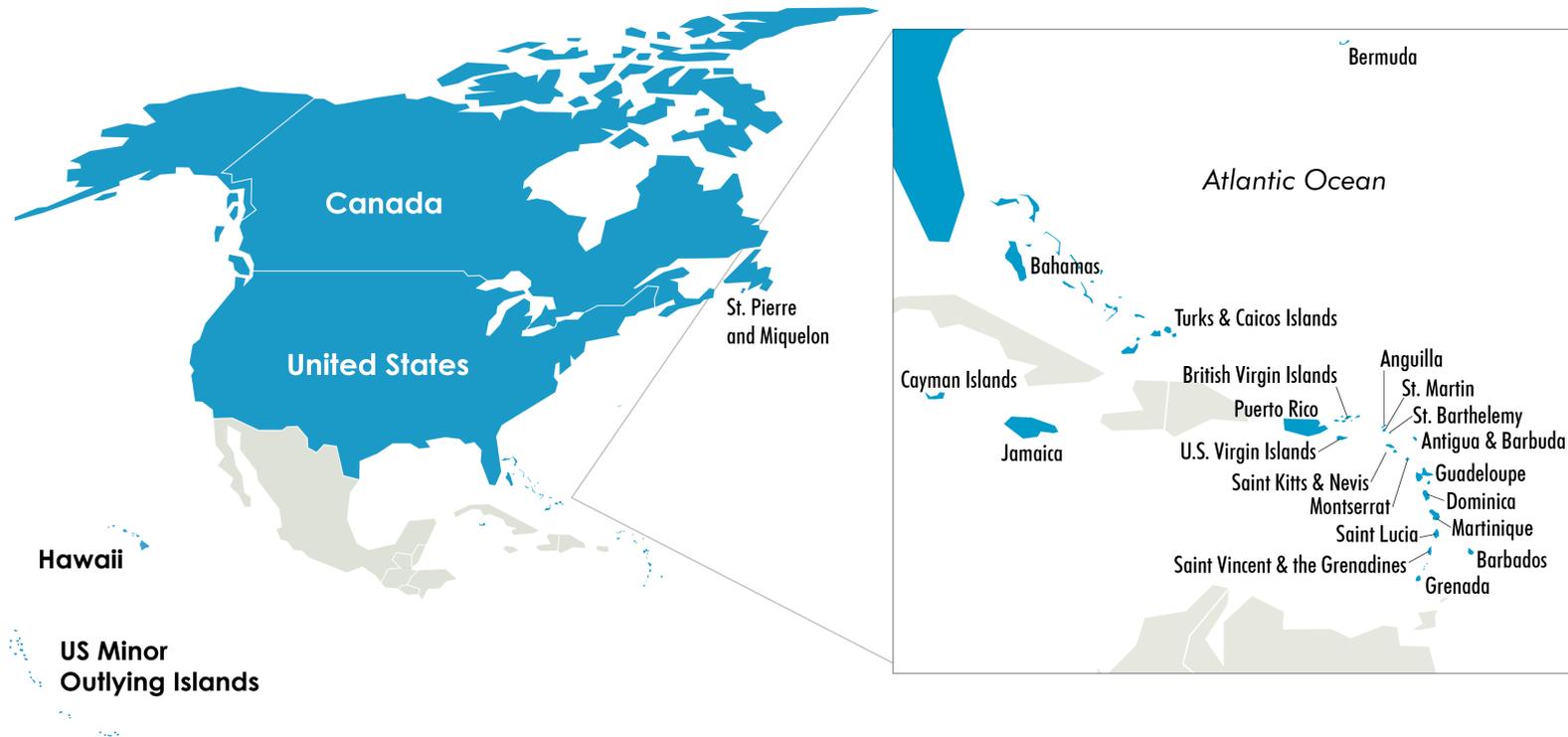




ARIN Update

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ARIN Board of Trustees

The ARIN Service Region



**The ARIN Region includes many Caribbean and North Atlantic islands, Canada, the United States and outlying areas.
5300+ members and 20,000+ customers**

2016 Focus

1. Continue IPv4 to IPv6 Transition Awareness targeting ISPs and Content Providers
2. Continue participation in Internet Governance forums advocating maintenance of the community-based multi-stakeholder policy development model
3. Continue to review and enhance ARIN Online, including making significant user interface improvements per user feedback
4. Participate in planning discussions for the transition of the stewardship of IANA to encourage responsible oversight of critical Internet resources
5. Continue to focus on community suggested, customer facing, high impact software development efforts in a timely manner
6. Improve customer service based on feedback and repeat customer satisfaction survey

IPv4 Address Status

Free pool depleted on 24 Sep 2015

Ways To Obtain Additional IP Addresses:

- Adoption of IPv6
- Transfers
 - Specified Transfer Listing Service
- Waiting List for Unmet Requests

Purpose Specific Inventory:

- **One v4 /10** for NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment” (12 /24s issued so far)
- There is a small reserve for Critical Infrastructure, including exchange points. (approx. three 16s)

Registration Trends

- IPv4 Requests
 - Decreasing: IPv4 free pool (wait list) tickets
 - Increasing: Transfer pre-approval and recipient tickets
- IPv6 Requests
 - Steady request traffic
 - Increase in help-desk inquiries
- Change of Authority Requests
 - Increasing
 - NRPM 8.2 Merger, Acquisition, Reorganization
 - NRPM 8.3 Specified Recipient
 - ORG Recovery Requests
 - Expected continued increase in volume

IPv4 Transfers (thru 31 March 2016)

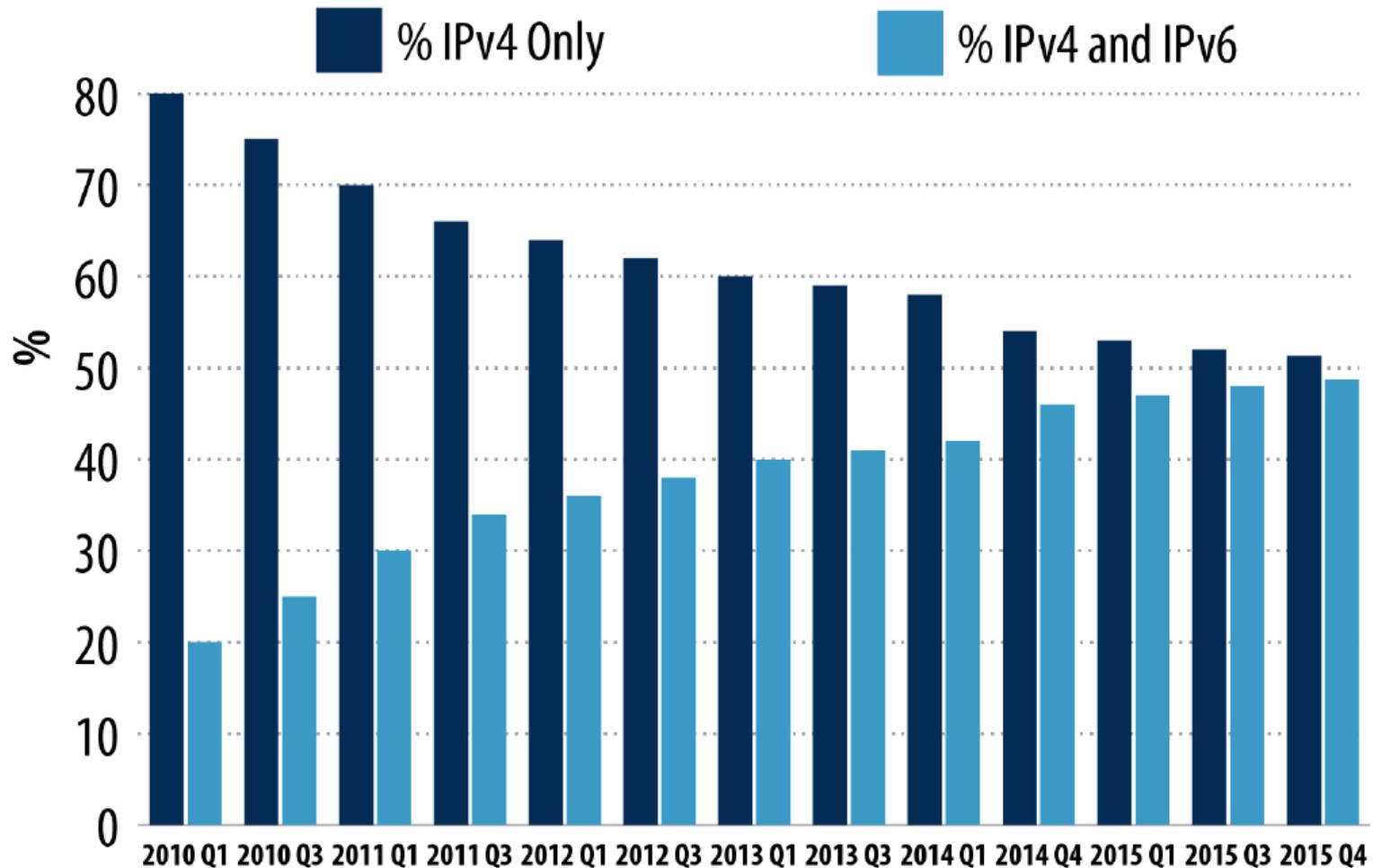
- **Transfers to Specified Recipients (8.3)**
 - 452 prefixes, ranging from /24s to a /10
 - In July 2015 this was 170 prefixes
 - 61 ASNs
- **Inter-RIR Transfers (8.4)**
 - 201 prefixes, from /24s to /13s
 - In July 2015 this was 45 prefixes to APNIC
 - 203 ARIN to APNIC
 - 21 ARIN to RIPE NCC
 - 6 APNIC to ARIN
 - 1 RIPE NCC to ARIN

<https://www.arin.net/knowledge/statistics/transfers.html>

Operational Improvements

- Integrating transfers within ARIN Online
 - Inter-RIR transfers (NRPM Policy 8.4)
 - Completed 12 March
- Developing a web-based system for reassignment entry via ARIN Online.
 - Ability to delete reassignments
 - Completed 12 March
- Implementing various suggestions the community desires.

ISP Members with IPv4 and IPv6



5,320 total members as of 31 March 2016

Policy Proposals

To be implemented:

ARIN-2015-5: Out of region use

ARIN-2015-11: Remove transfer language which only applied pre-exhaustion of IPv4 pool

Under discussion:

ARIN-2015-2: Modify 8.4 (Inter-RIR Transfers to Specified Recipients)

ARIN-2015-3: Remove 30 day utilization requirement in end-user IPv4 policy

ARIN-2015-7: Simplified requirements for demonstrated need for IPv4 transfers

ARIN-2015-9: Eliminating needs-based evaluation for Section 8.2, 8.3, and 8.4 transfers of IPv4 netblocks

ARIN-2016-1: Reserved Pool Transfer Policy

<https://www.arin.net/policy/proposals/>

ARIN Public Policy and Members Meetings



