



# ARIN Update

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ARIN Board of Trustees

# 2014 Focus

- **IPv4 Depletion & IPv6 Adoption**
  - Working through ARIN's IPv4 Countdown Plan
    - At final stage
  - Continuing IPv6 outreach
  - Preparing for increase in IPv4 Transfers
- **Increased focus on customer service**
  - Completed first ARIN customer satisfaction survey
- **Continued development and integration of web-based functionality**
- **Continued participation in Internet Governance forums**

# Trends

- Approx. 20% increase in IPv4 requests compared to last year
- IPv4 requests becoming increasingly complex
  - Increase in number of back and forth exchanges per ticket
- Increase in fraud reports from community
  - More due diligence and staff time required for these requests

# Operational Improvements

- New on-line video training series (Transfers)
  - Additional videos in development
- Customer satisfaction survey
  - Working on follow up action items based on survey results

# Current IPv4 Inventory

**Available inventory:**  
**.59 /8 equivalent**

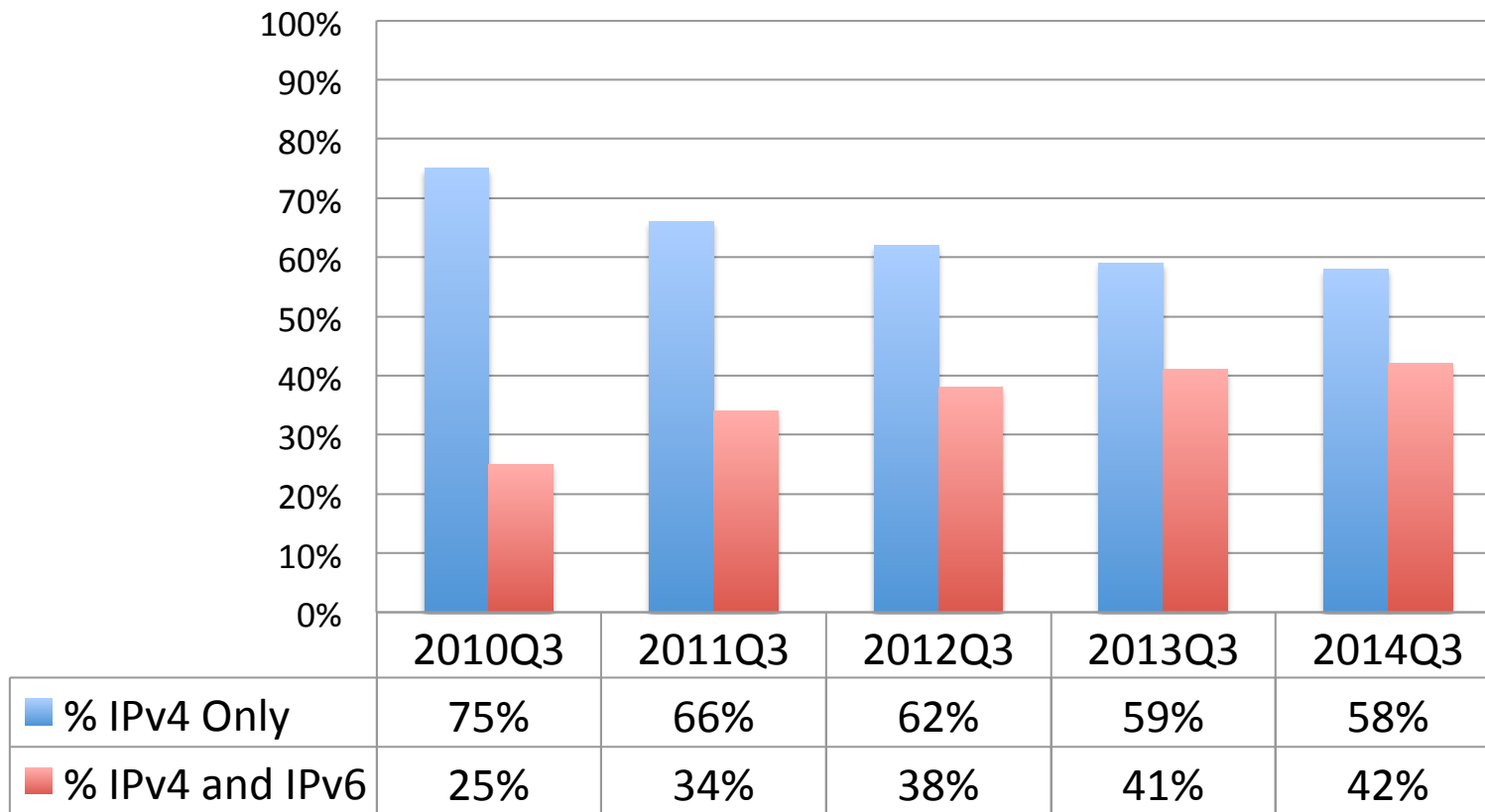


**Reserved inventory:**

- **~9 /16 equivalents** in “quarantine”  
(returned, revoked, held space)
- **1 /10** for NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment”
- **225 /24s** for micro allocations

# ISP Members with IPv4 and IPv6

## IPv4-only and IPv4+v6 ISPs



4,940 total members as of 15 October 2014

# “IPv4 Market Transfers”

- **Transfers to Specified Recipients**
  - 91 transfers completed (176 prefixes, /24 to /12)
  - 15 ASNs
  - Transactions often arranged through IPv4 brokers
- **Inter-RIR Transfers**
  - 42 transfers completed (54 prefixes, /24 to /13)
  - ARIN to APNIC thus far

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

# RPKI Usage

	Oct 2012	Apr 2013	Oct 2013	Apr 2014	Oct 2014
RPAs Signed	27	72	130	162	208
Certified Orgs		47	68	108	153
ROAs	19	60	106	162	239
Covered Resources	30	82	147	258	332
Web Delegated (REMOVED)		0	0	0	0
Up/Down Delegated			0	0	0



# Policy Proposals

1. Draft Policy ARIN-2014-1: Out of Region Use
2. Draft Policy ARIN-2014-6: Remove 7.1 [Maintaining IN-ADDRs]
3. Recommended Draft Policy ARIN-2014-9: Resolve Conflict Between RSA and 8.2 Utilization Requirements – last call ended 29 Oct. 2014)
4. Draft Policy ARIN-2014-14: Removing Needs Test from Small IPv4 Transfers
5. Draft Policy ARIN-2014-17: Change Utilization Requirements from last-allocation to total-aggregate
6. Draft Policy ARIN-2014-19: New MDN Allocation Based on Past Utilization
7. ARIN-prop-213 Modification to CI Pool Size per Section 4.4
8. ARIN-prop-214 Removal of Minimum in Section 4.10

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

# ARIN Policy Meetings

ARIN PPC at NANOG 63  
San Antonio, Texas  
February 2015



12-15 APRIL 2015 | SAN FRANCISCO, CA

