

# Operational Update

## RIPE 67

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COO

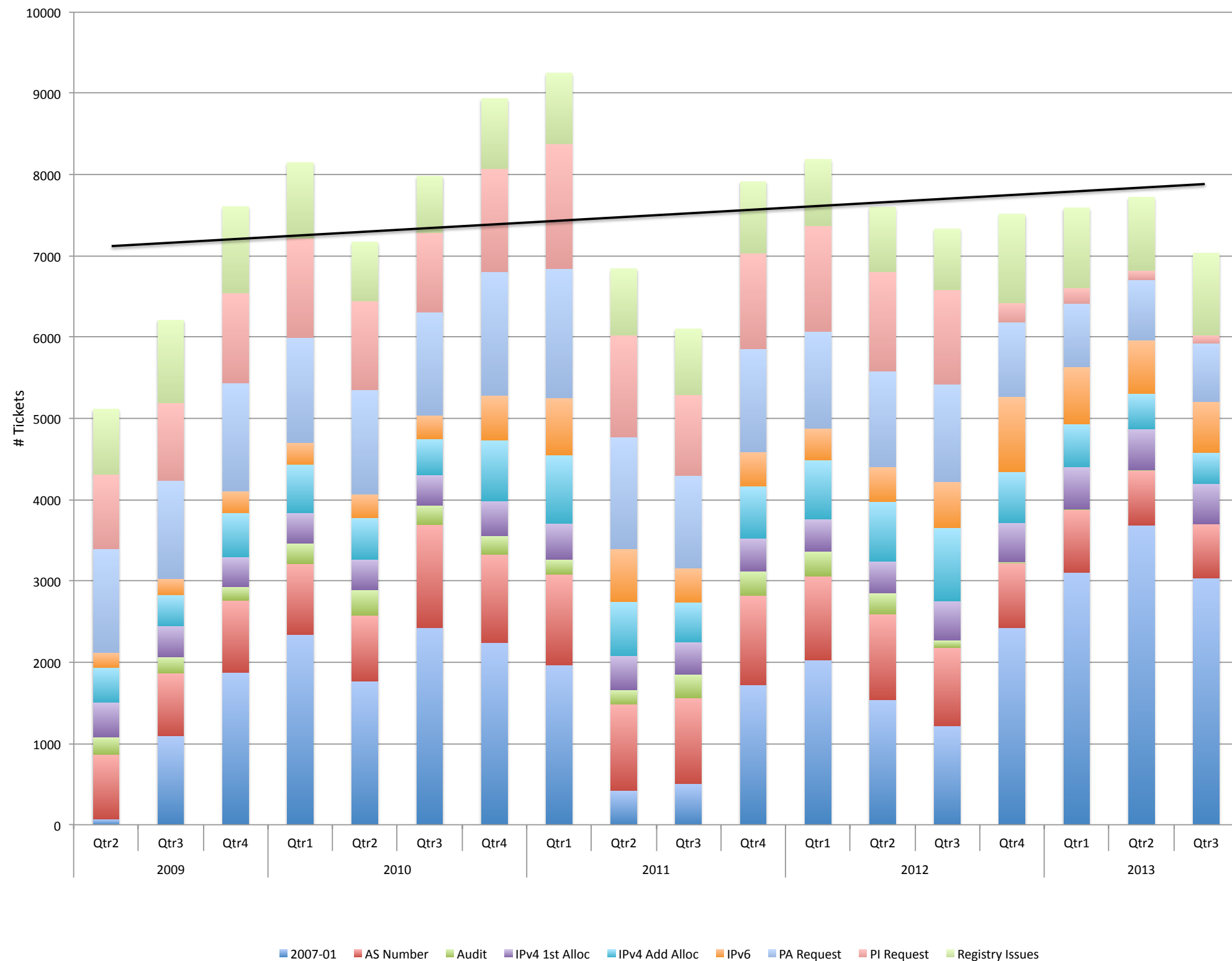
16 October 2013



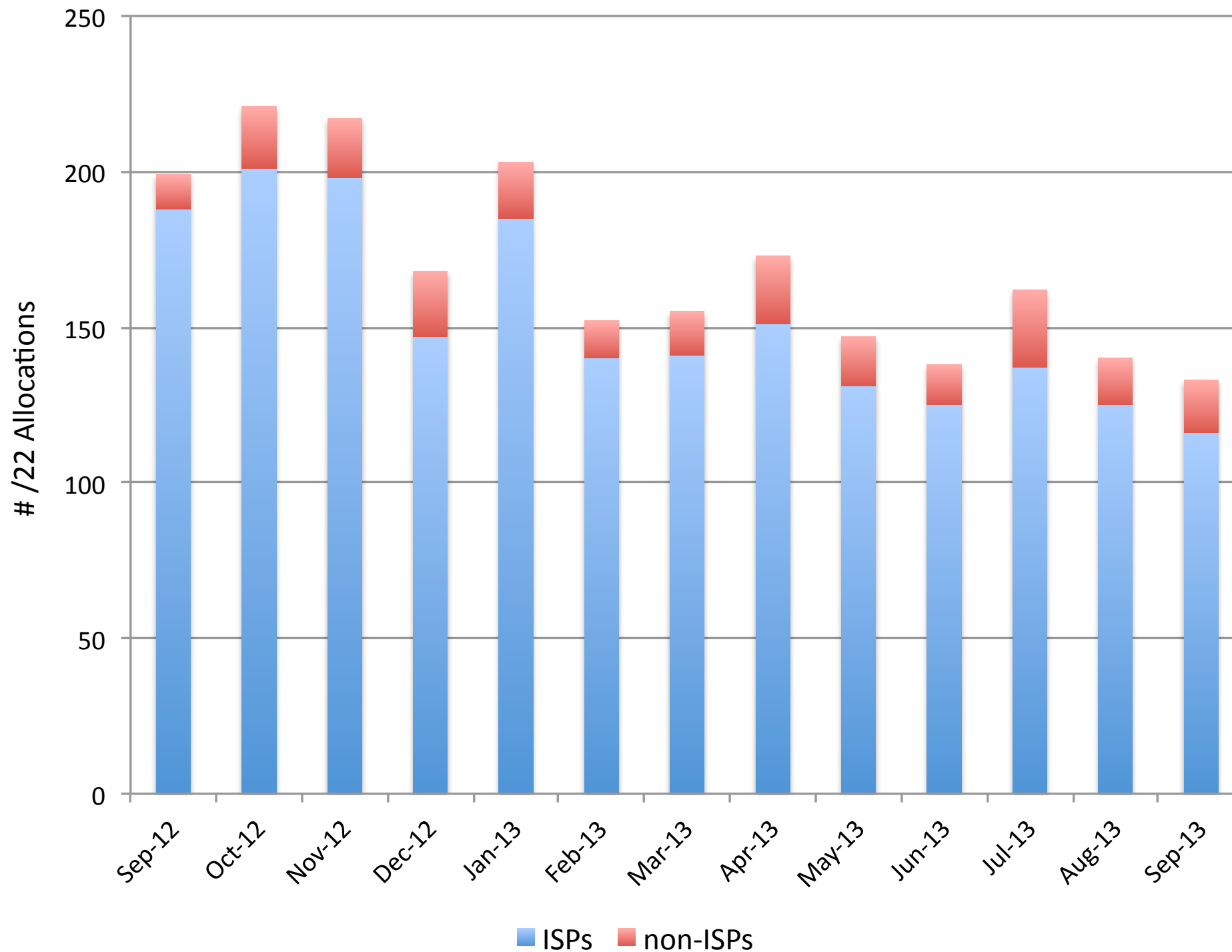
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# Operational Statistics

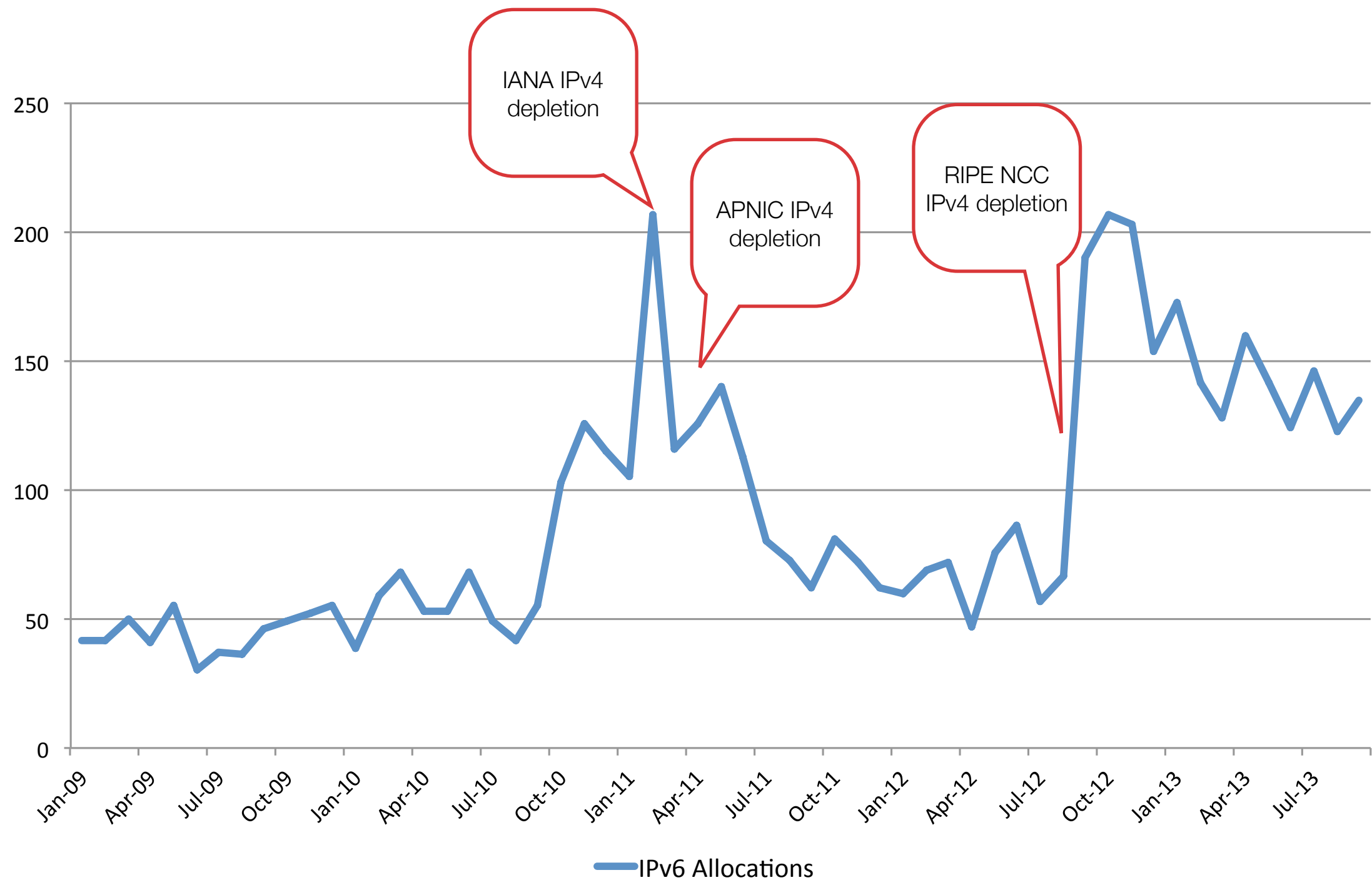
# Registration Services: Ticket volume



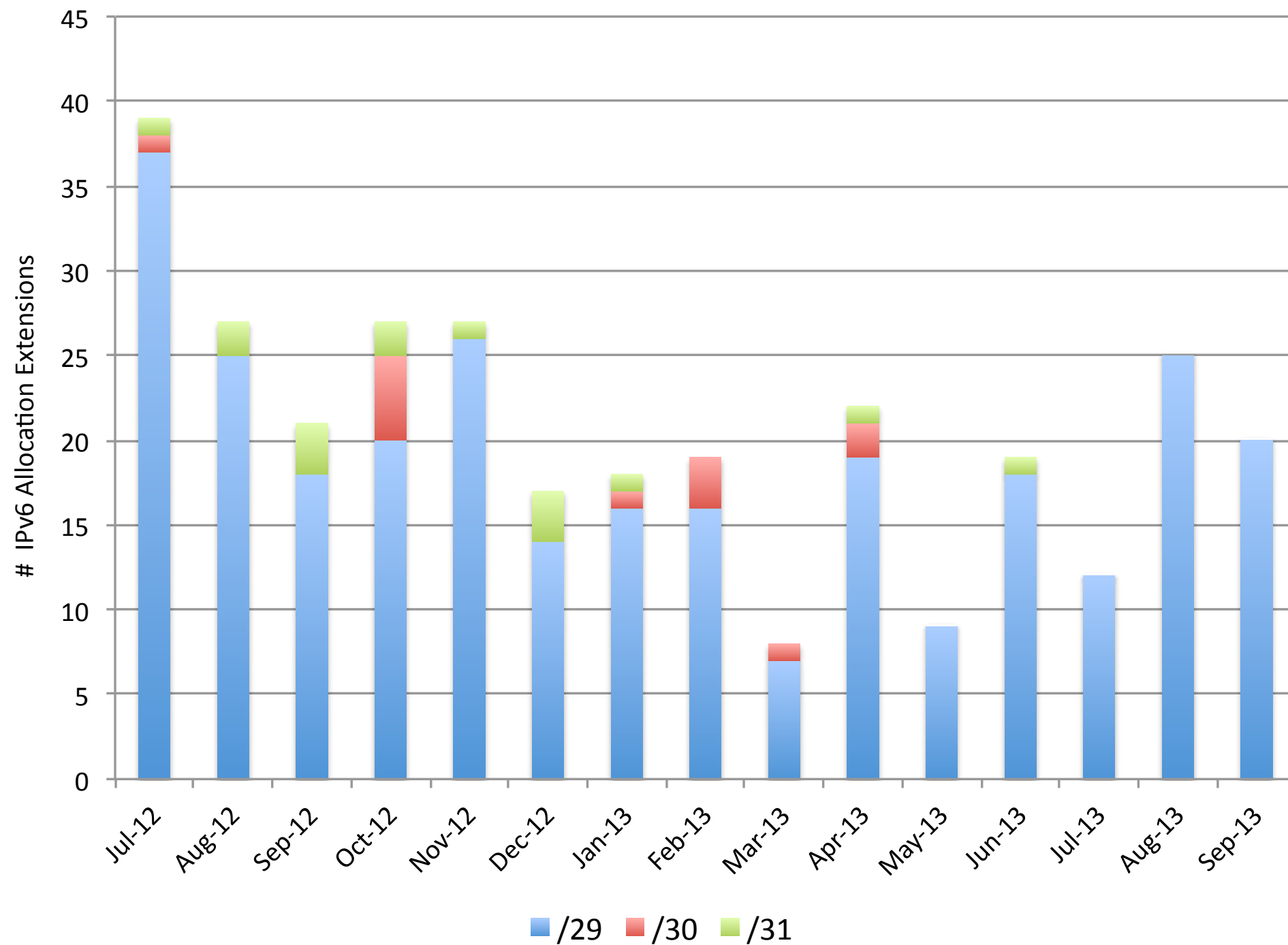
# Allocations from the last /8



# IPv6 Allocation Trend

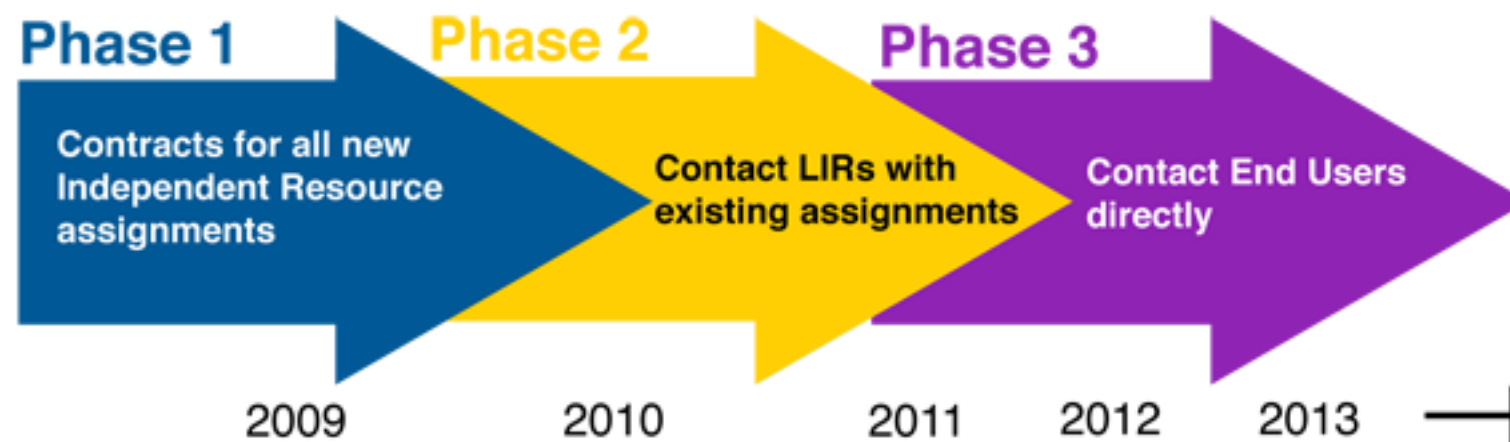


# IPv6 Allocation Extensions



# 2007-01 Update

- Currently in Phase 3: Contacting End User directly

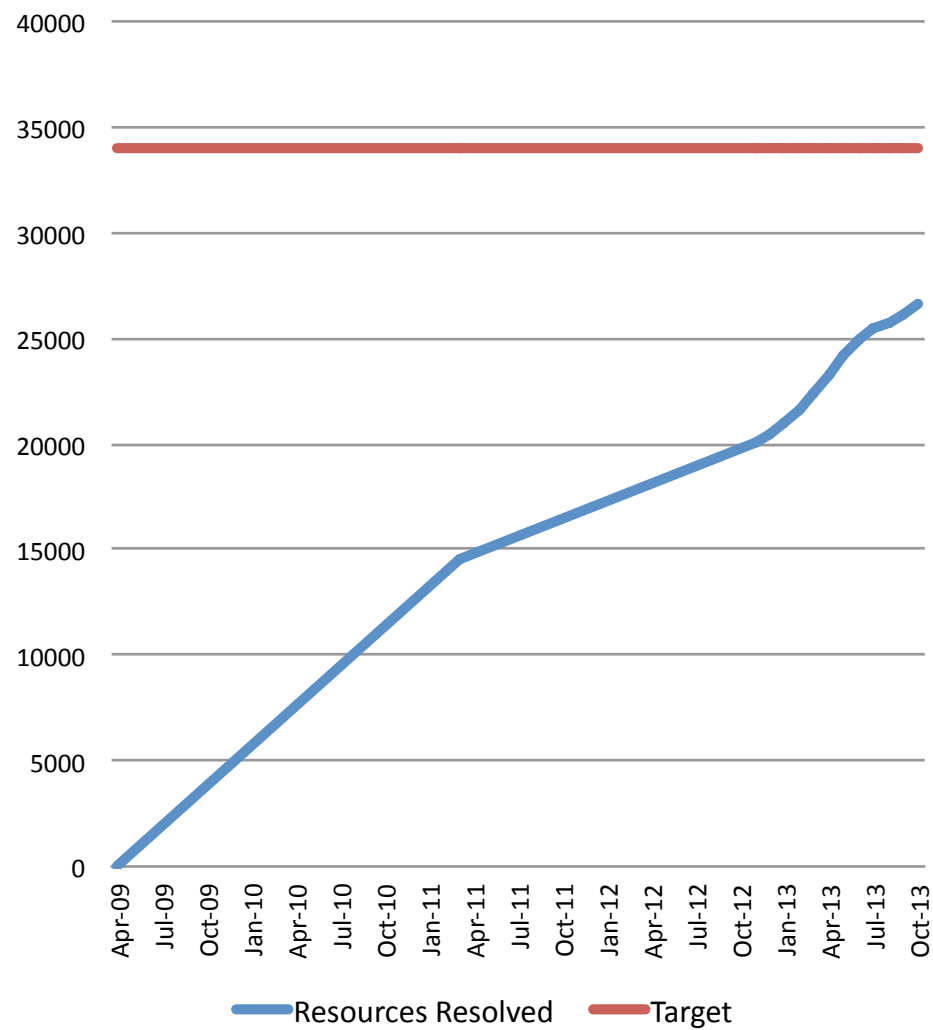


## Challenges:

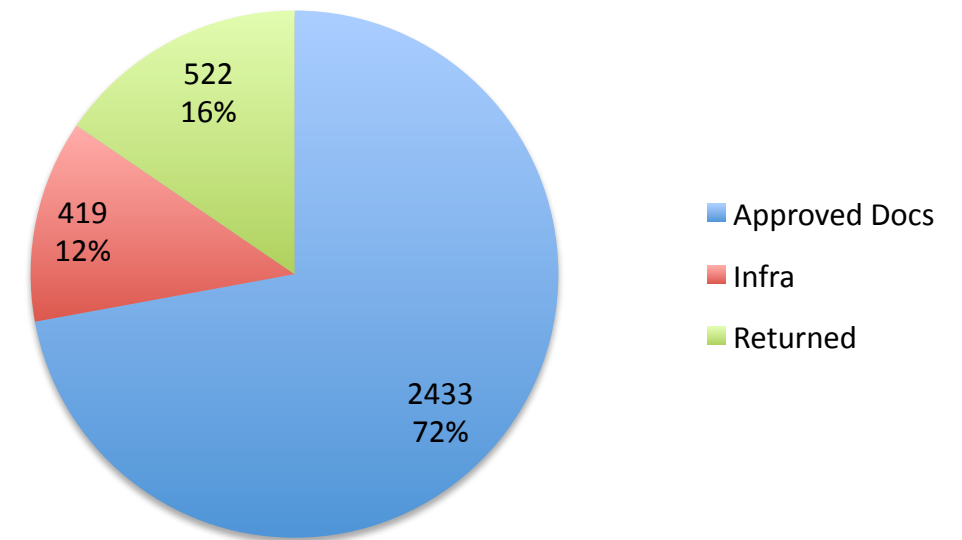
- Lack of familiarity with RIPE Policy and the RIPE NCC
- Identifying legitimate resource holder
- Ensuring continuity of active networks

# 2007-01 Update

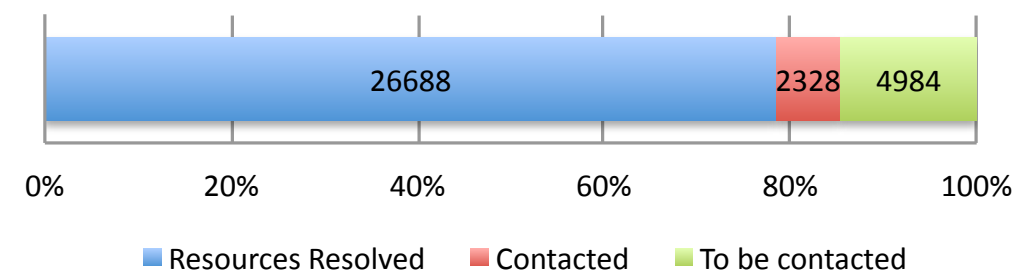
## 2007-01 - Phase 2 & 3



## Results (previous 6 mths)

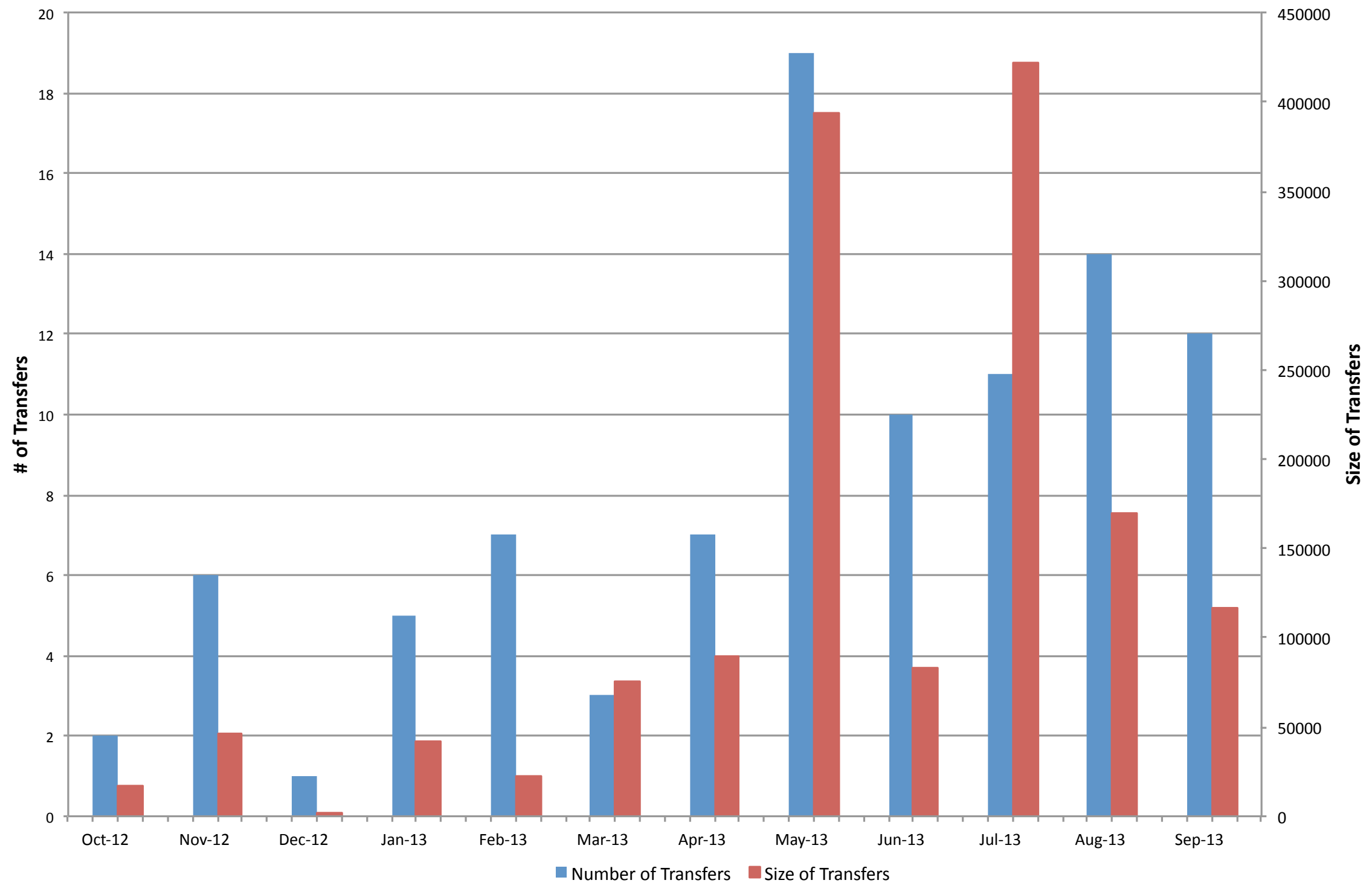


## Contacted Resource Holders

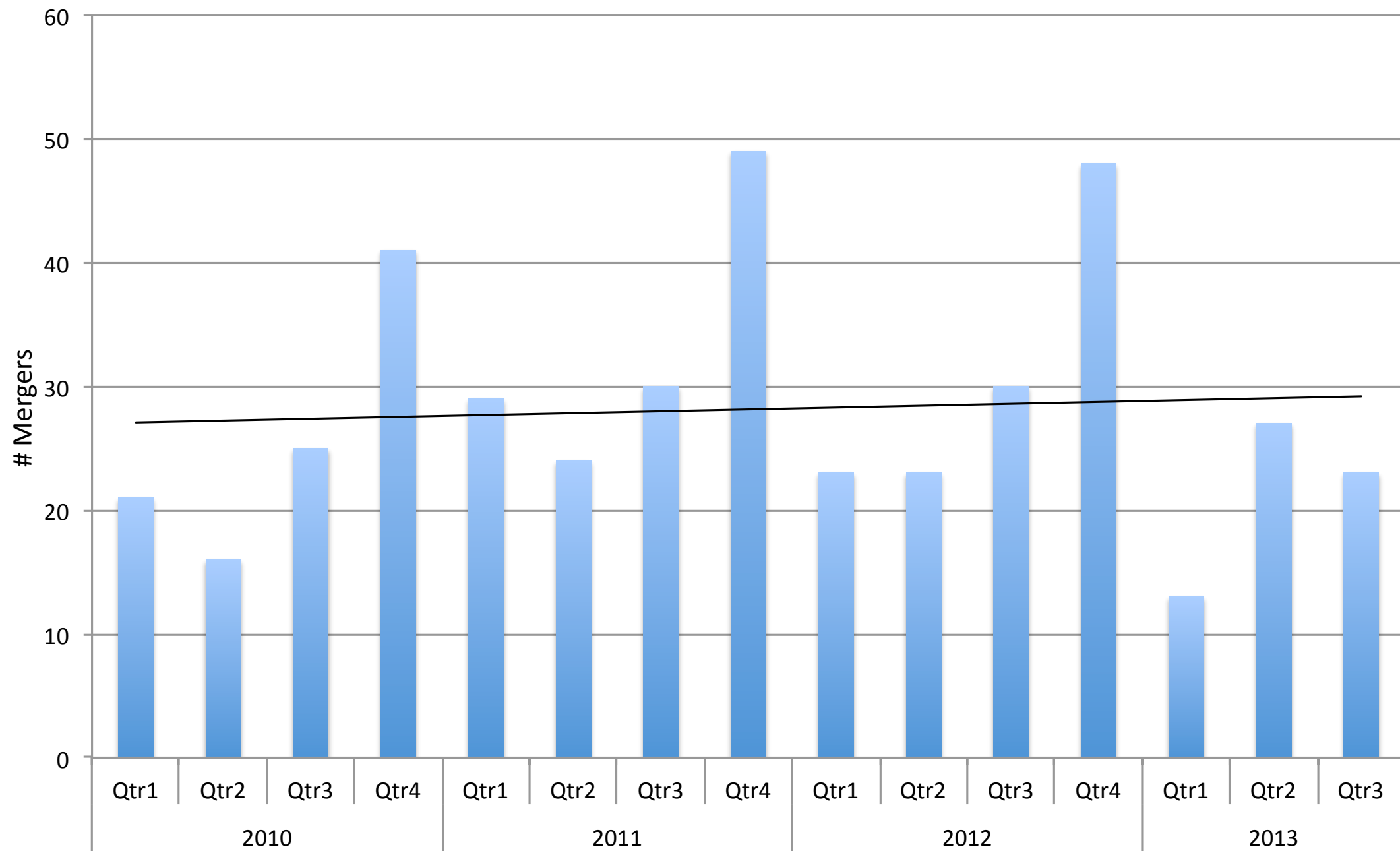




# IPv4 Allocation Transfers

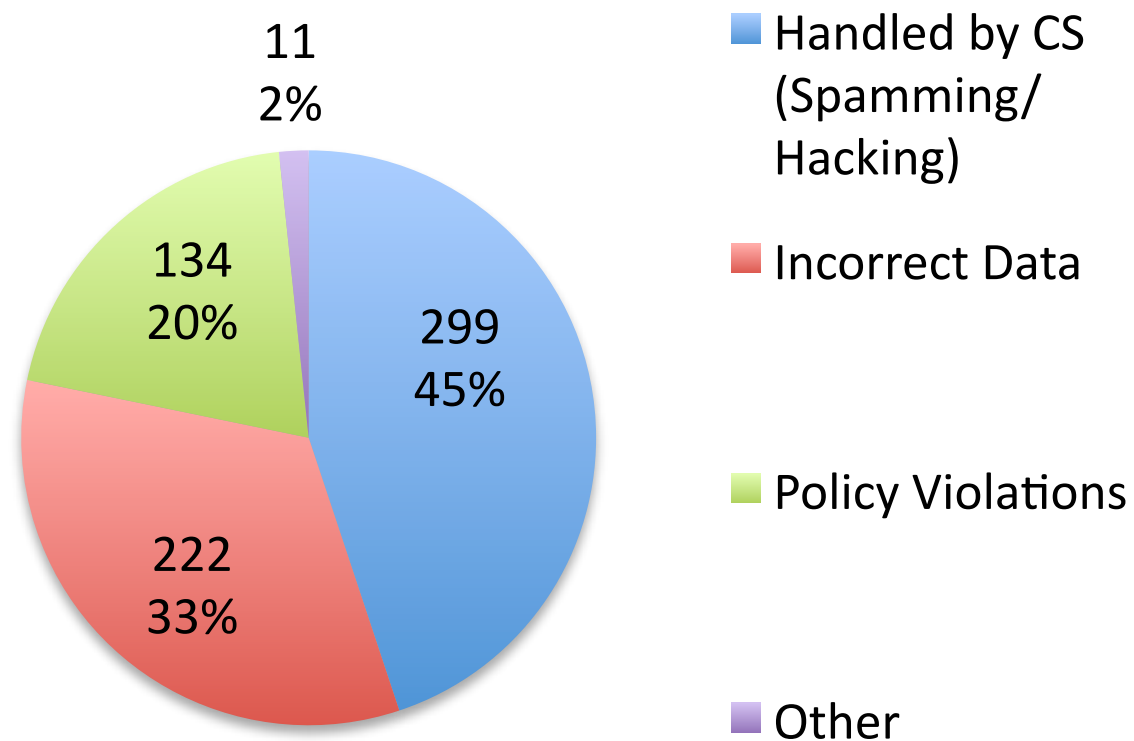


# Mergers Completed

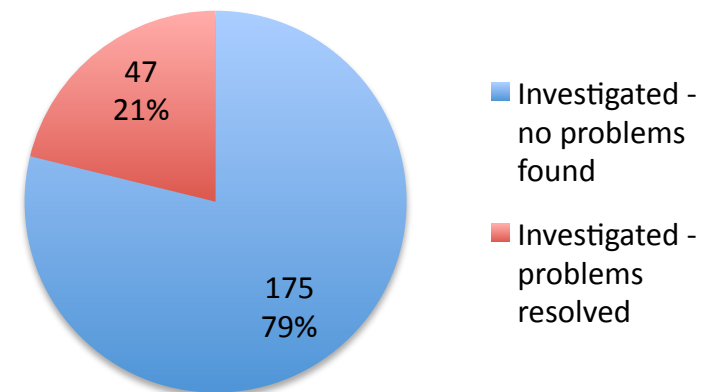


# Abuse Report Handling

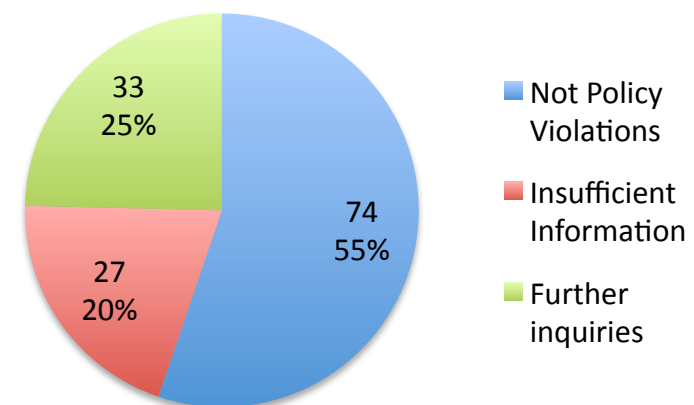
## Breakdown by Category



## Outcomes: Incorrect Data



## Outcomes: Policy Violations



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# Assisted Registry Check (ARC)

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- New name for the RIPE NCC's existing audit activities that have been improved with feedback from members and the RIPE community
- Maintain the quality of the registry (correct, current and consistent)
- Maintain the periodic contact between LIRs and the RIPE NCC
- Reduce workload for LIRs

# Assisted Registry Check (ARC)

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- The RIPE NCC provides a report highlighting our observations and recommendations
  - Overview of registered information (e.g. contact details)
  - Overview of Internet number resource consistency (e.g. overlapping assignments)
  - Overview of rDNS and route-objects consistency (e.g. checking lame reverse delegations and routing registry vs BGP announcements)
  - Overview of network reachability (RIPE Atlas)
- Assist LIRs with improving data accuracy
- An opportunity for LIRs to ask about RIPE Policies, registering objects in the RIPE Database and using RIPE NCC tools

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# Hijackings

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- Due to an End User report, we discovered a number of resources that have been hijacked
- Hijackers seem to be targeting unannounced resources
- Hijackers abused long-established processes
- A sophisticated approach: forged legal documents and signatures, copied websites and re-registered expired domains



# Hijackings - Steps Being Taken

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- Updating our processes as appropriate:
  - Reporting illegal activities to the authorities
  - Where member involvement can be proven: closure of LIR account and de-registration of resources
- In case of a dispute:
  - Affected party can escalate the process to RIPE NCC management for a final decision
  - If not resolved, can object to decision via Arbiters Panel if members (non-members must go through sponsoring LIR)

# Hijackings - Getting The Balance Right

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- Mindful of the balance between ensuring that we are talking to the legitimate holder vs being overly bureaucratic or inflexible
- Many legitimate cases (e.g. legacy resources) where proof of holdership can be difficult to establish
- End Users might find the RIPE NCC becoming more strict in its verification requirements as a result

# Hijackings - What Can You Do

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- Protect your resources against hijacking by making sure your RIPE Database objects and contact information are up to date
- If you need help, or think your resources may have been hijacked, contact: [reg-review@ripe.net](mailto:reg-review@ripe.net)

<https://www.ripe.net/lir-services/resource-management/address-hijacking-in-the-ripe-ncc-service-region>

# Questions?

