



MENOG 6

Policy Update and Resource Statistics

10 – 14 April 2010

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COO – RIPE NCC



Agenda

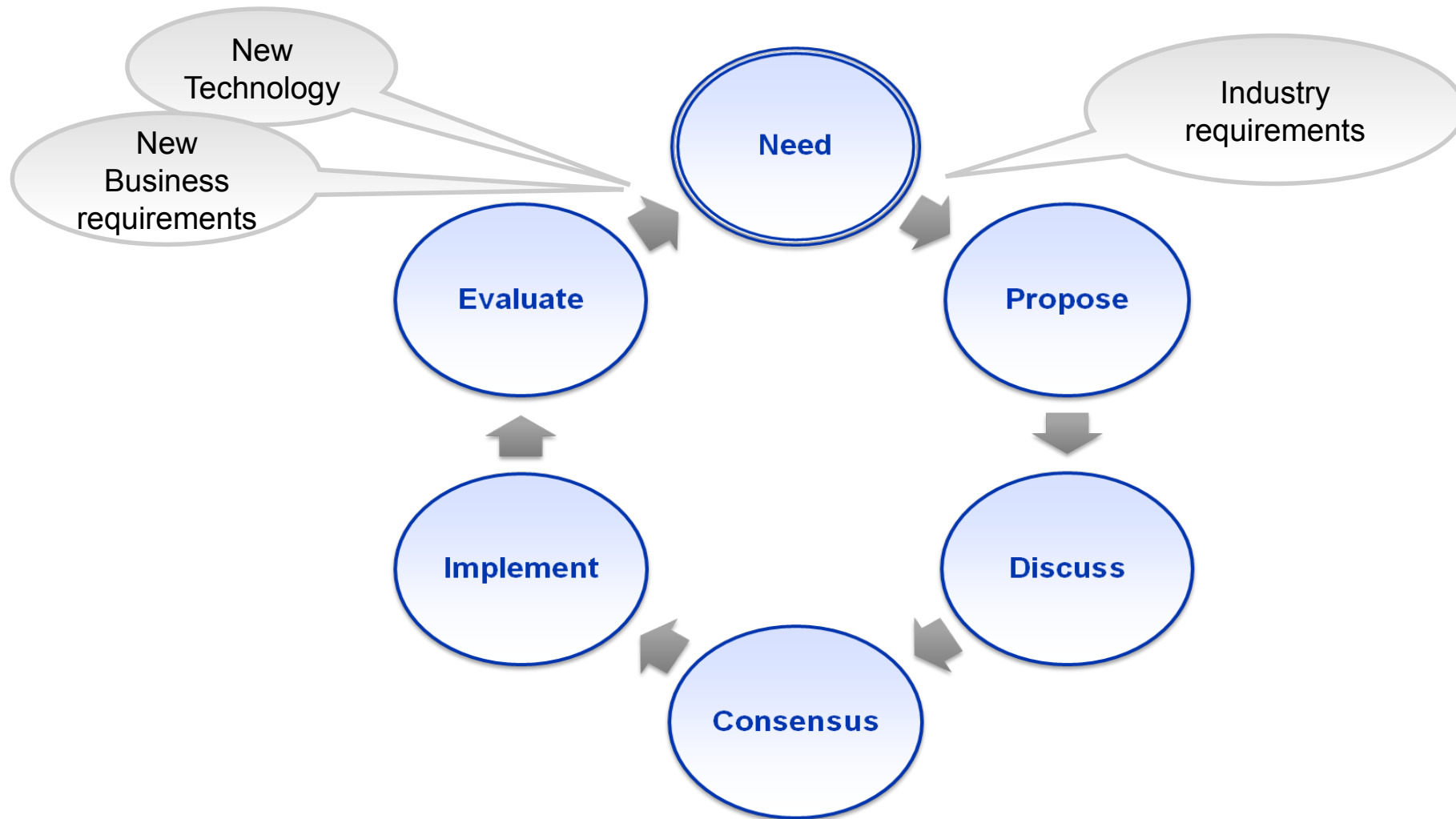
- Policy update
- Membership statistics
- Resource statistics
- Services Center



Agenda

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Policy Development Process: Community's (bottom-up) Answer to demand for change



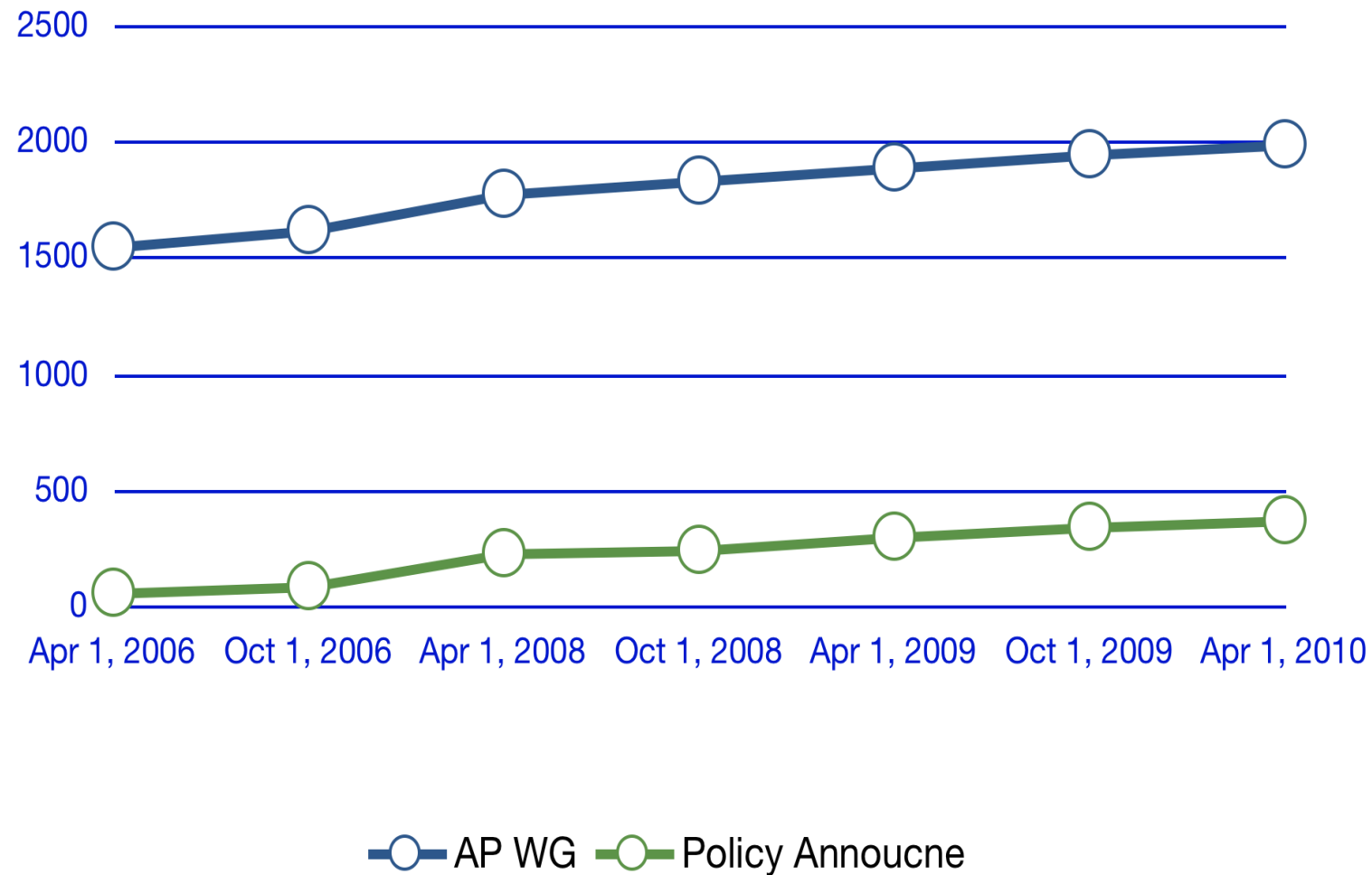


RIPE Policy Development Process (PDP) Principles

- Open
 - Anyone can participate
 - Policy meetings
 - Mailing lists
- Transparent
 - Mailing lists archived
 - Meetings scribed
- Developed Bottom-up
 - By the Internet Community... you
- Documented
 - Formal Policy Documents
 - Implementation Procedures

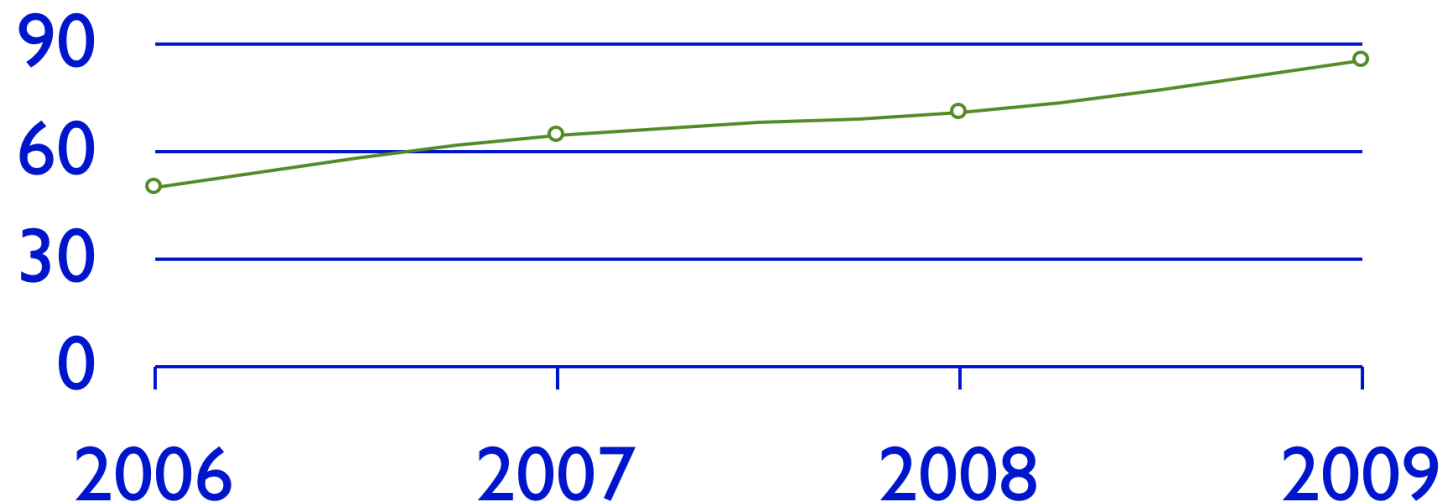


Subscriptions





Address Policy WG Mailing List Posts



Monthly Average



World Wide Main Topics

- Use of Final Unallocated IPv4 Address Space
- Running out Fairly
- Legacy space
- IPv6



RIPE Policy Update - Accepted

- Internet Assigned Numbers Authority (IANA) Policy for Allocation of ASN Blocks (ASNs) to Regional Internet Registries (2009-07)
 - Accepted in September 2009
 - APNIC and ARIN reached consensus
 - AfriNIC, and LACNIC awaiting Board endorsement



RIPE Policy Update - Accepted

- Run Out Fairly (2009-03)
 - Gradually reduce the allocation and assignment periods
 - Follow expected life time of the IPv4 unallocated pool
 - Accepted in December 2009
 - Documented in ripe-492



RIPE Policy Update - Discussion

- Use of Final /8 (2008-06)
 - Min allocation for each LIR
 - A /16 reserved
- IPv4 Allocation and Assignments to Facilitate IPv6 Deployment (2009-04)
- Being revised to be combined



RIPE Policy Update - Review

- Initial Certification Policy for Provider Aggregatable Address Space Holders (2008-08)



RIPE Policy Update - Accepted

- Removing Routing Requirements from the IPv6 Address Allocation Policy (2009-06)
 - Accepted in September 2009
 - Documented in ripe-481
- IPv6 Provider Independent (PI) Assignments for LIRs (2009-08)
 - Accepted in September 2009
 - Documented in ripe-481



Policy Proposal Archives

- **AfriNIC:**
<http://www.afrinic.net/policy.htm>
- **ARIN:**
http://www.arin.net/policy/proposals/proposal_archive.html
- **APNIC:**
<http://www.apnic.net/docs/policy/proposals/archive.html>
- **LACNIC:**
<http://lacnic.net/en/politicas/propuesta-politicas.html>
- **RIPE:**
<http://www.ripe.net/ripe/policies/proposals/>
- **RIR Comparative Policy Overview:**
<http://www.ripe.net/info/resource-admin/rir-comp-matrix-rev.html>



Agenda

- Policy update

- Membership statistics

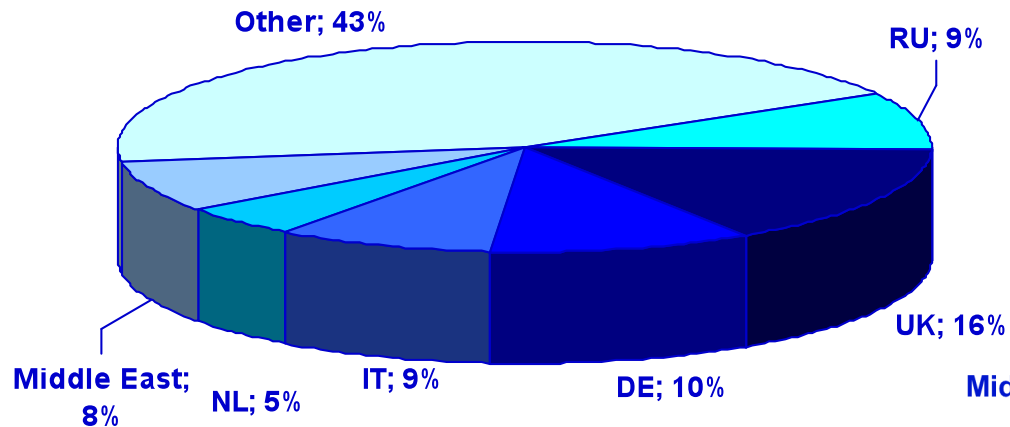
- Resource statistics

- Services Center

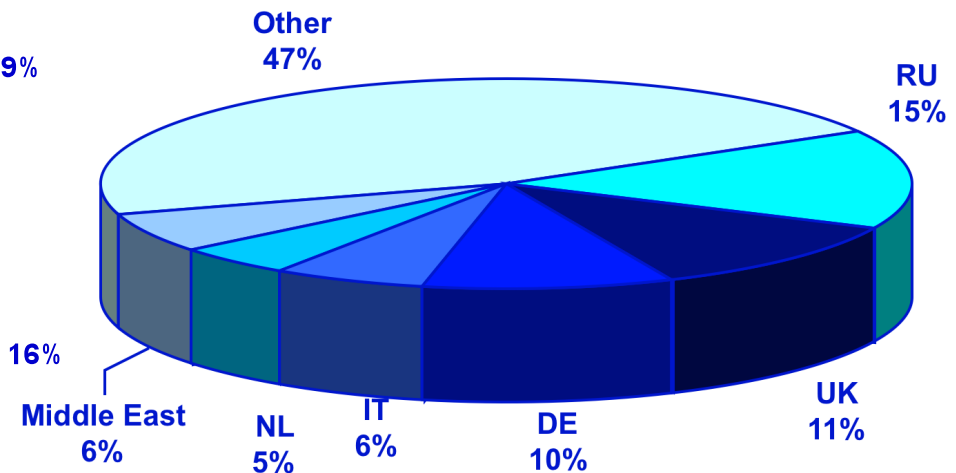
Middle East member information

- Currently 420 Middle East members (March 2010)
 - Applications 17 in 2010 (2009: 56)

New members per country 2010

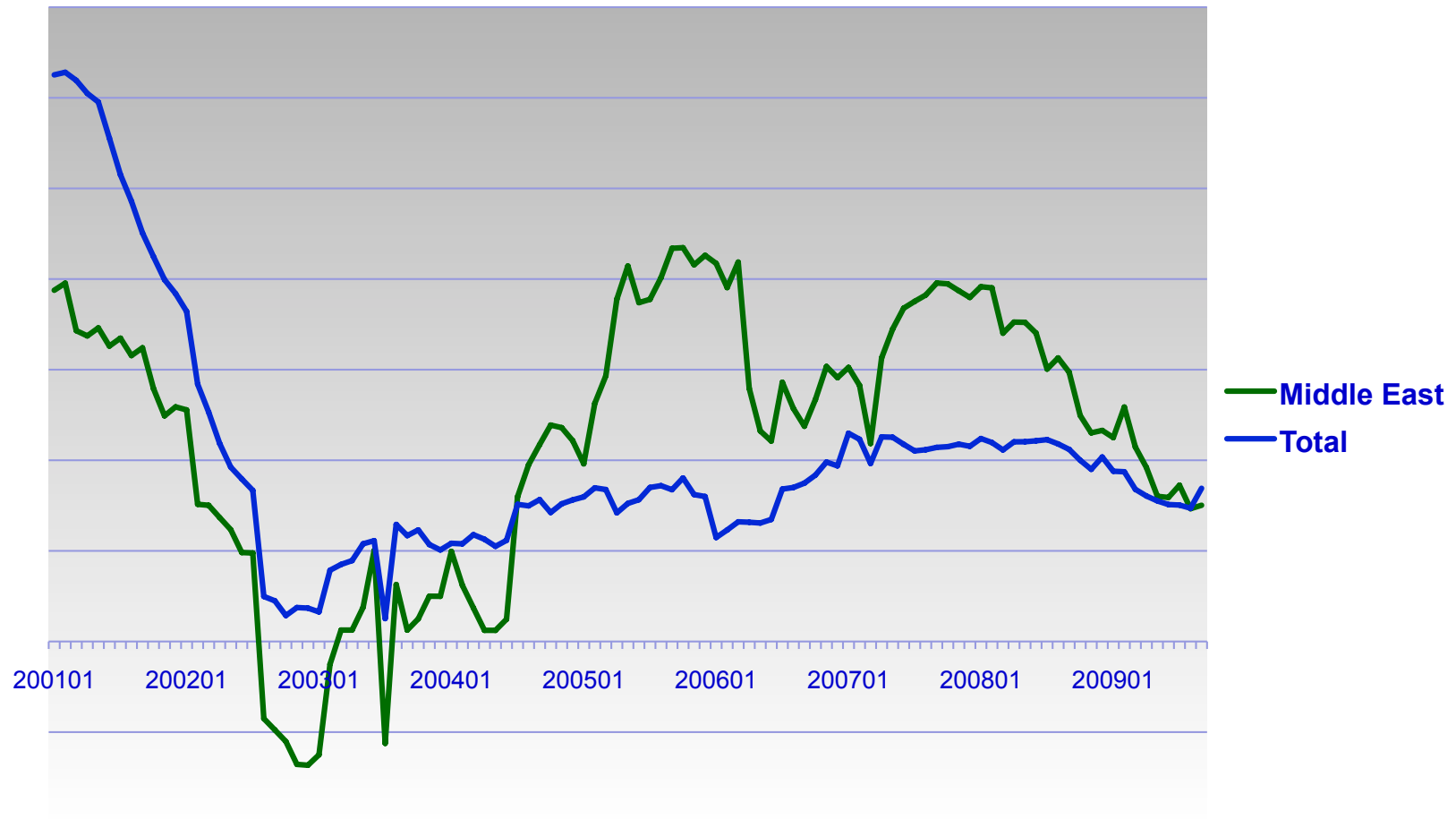


Members per country 2010

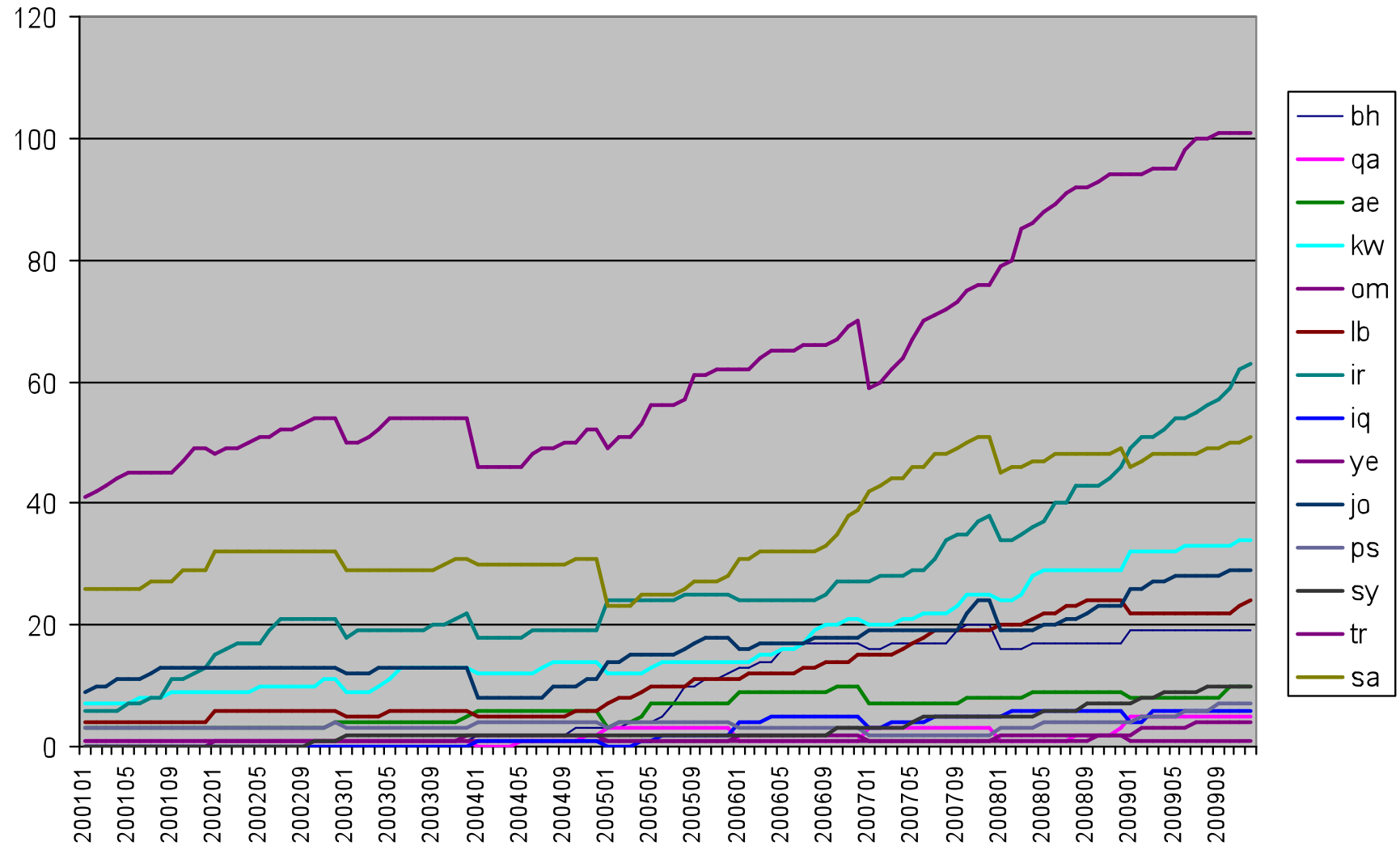




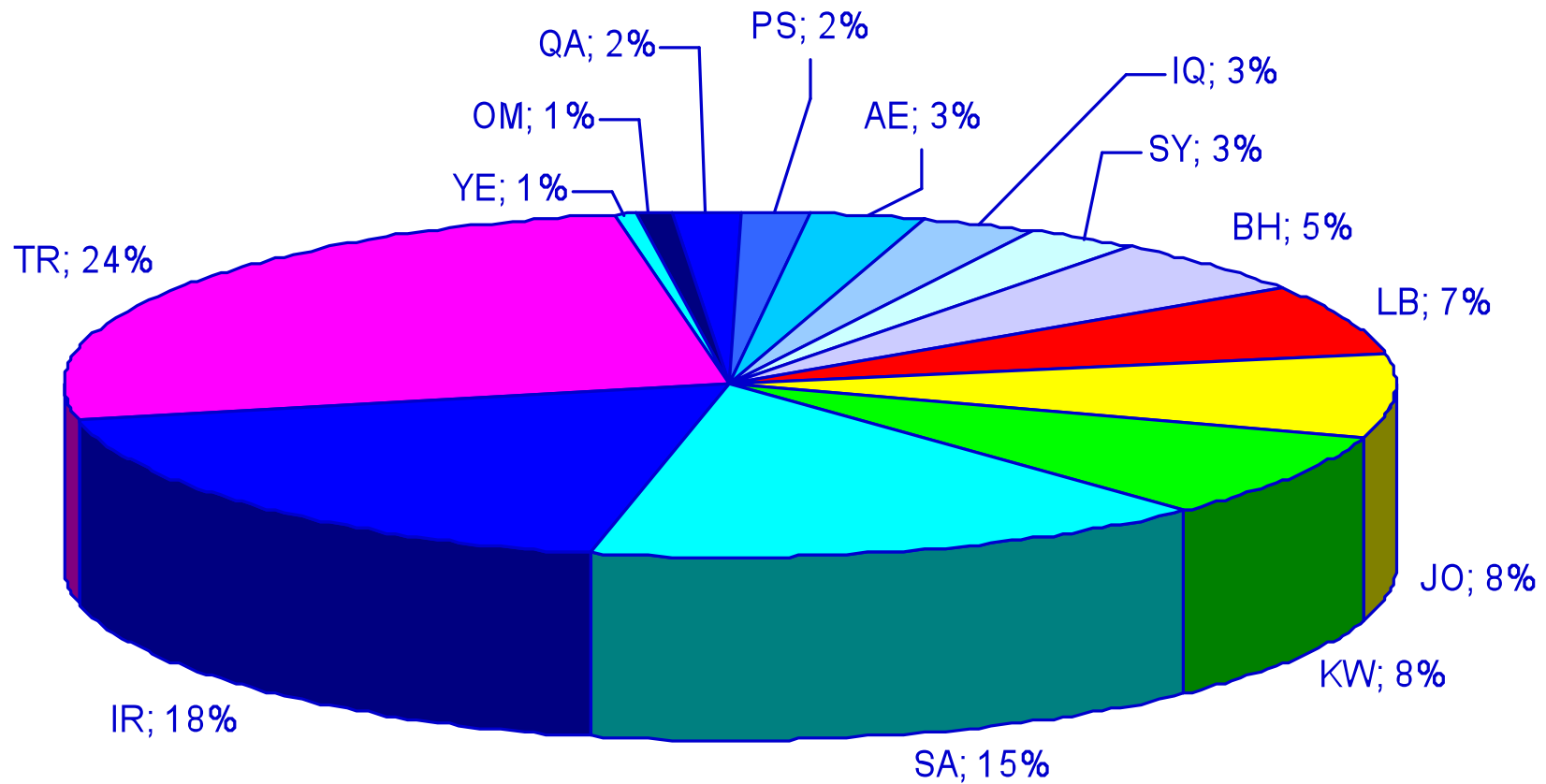
Membership growth indicator 2001-2009



Historic development 2001-2010



Middle East member info 2010





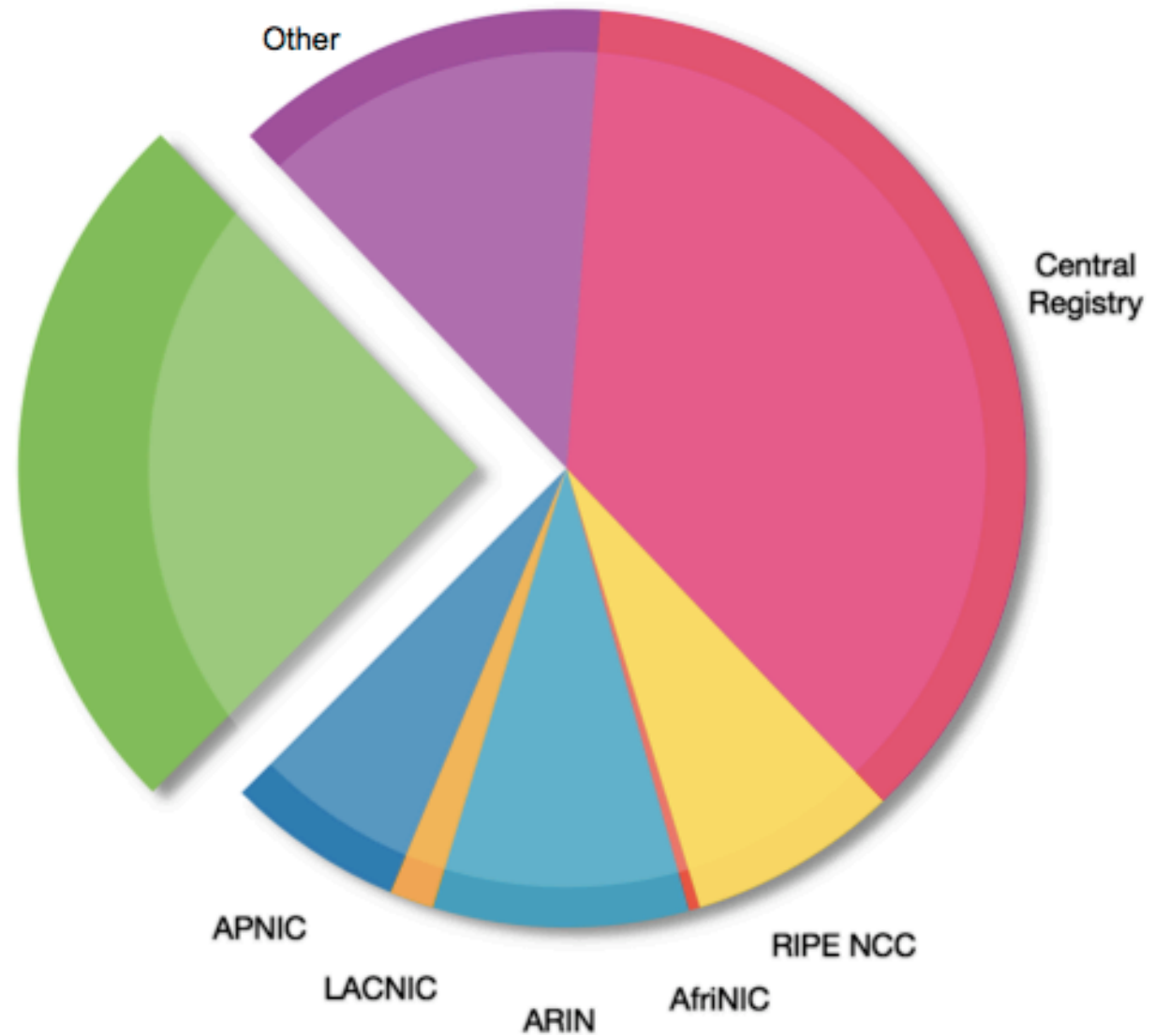
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IPv4 Address Pool - June 2005

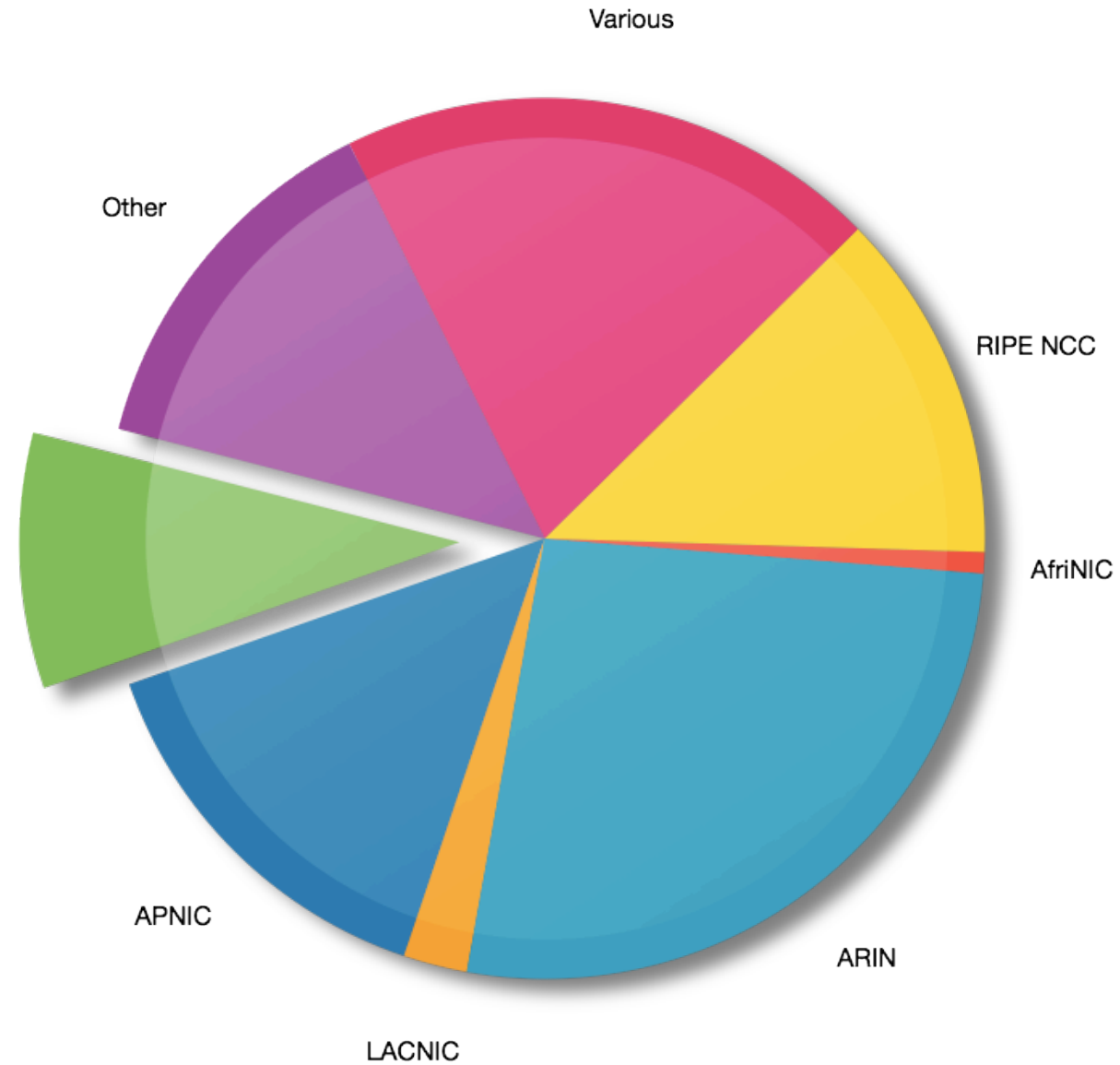
25%
available





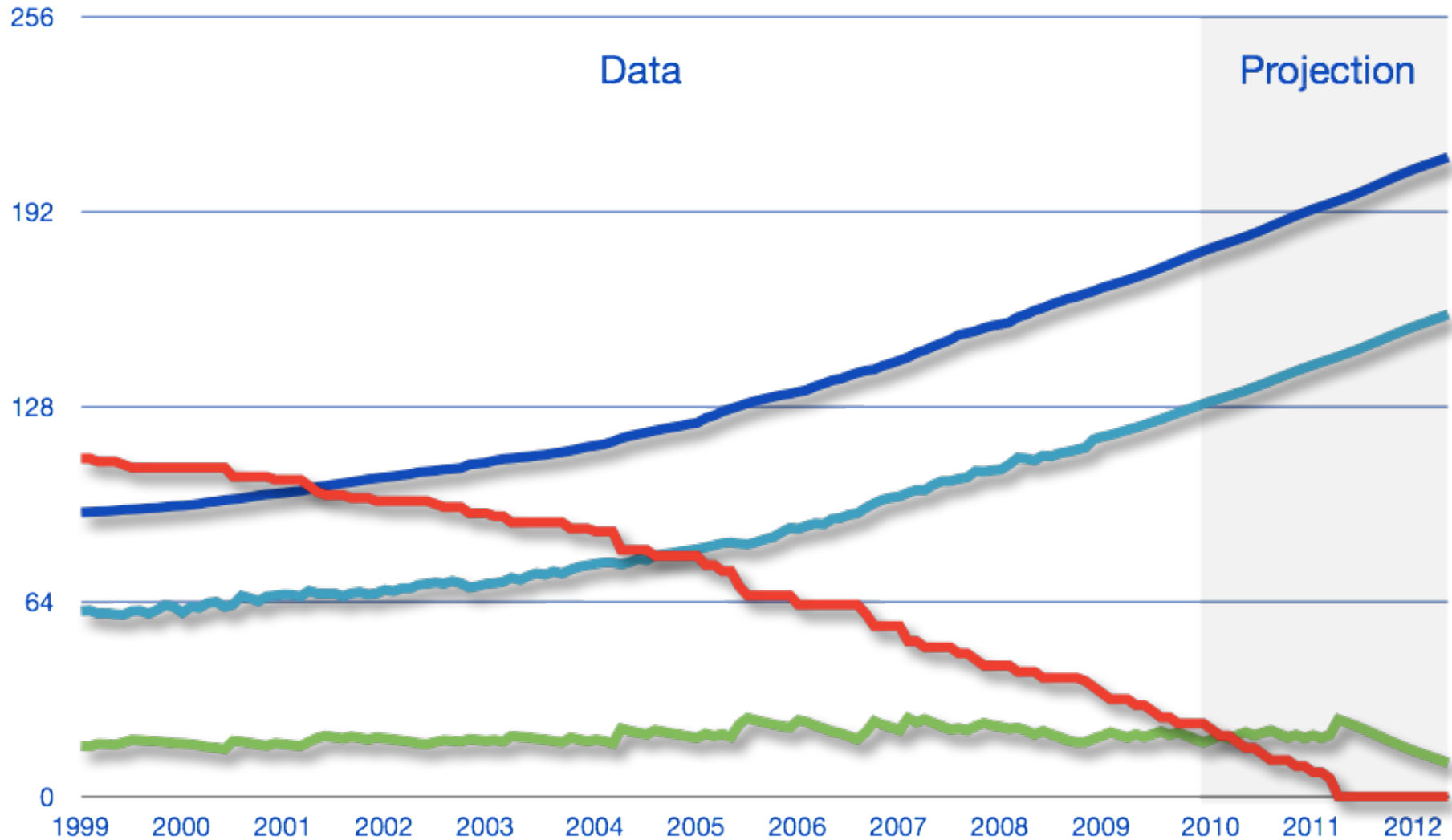
IPv4 Address Pool - Now

8% available

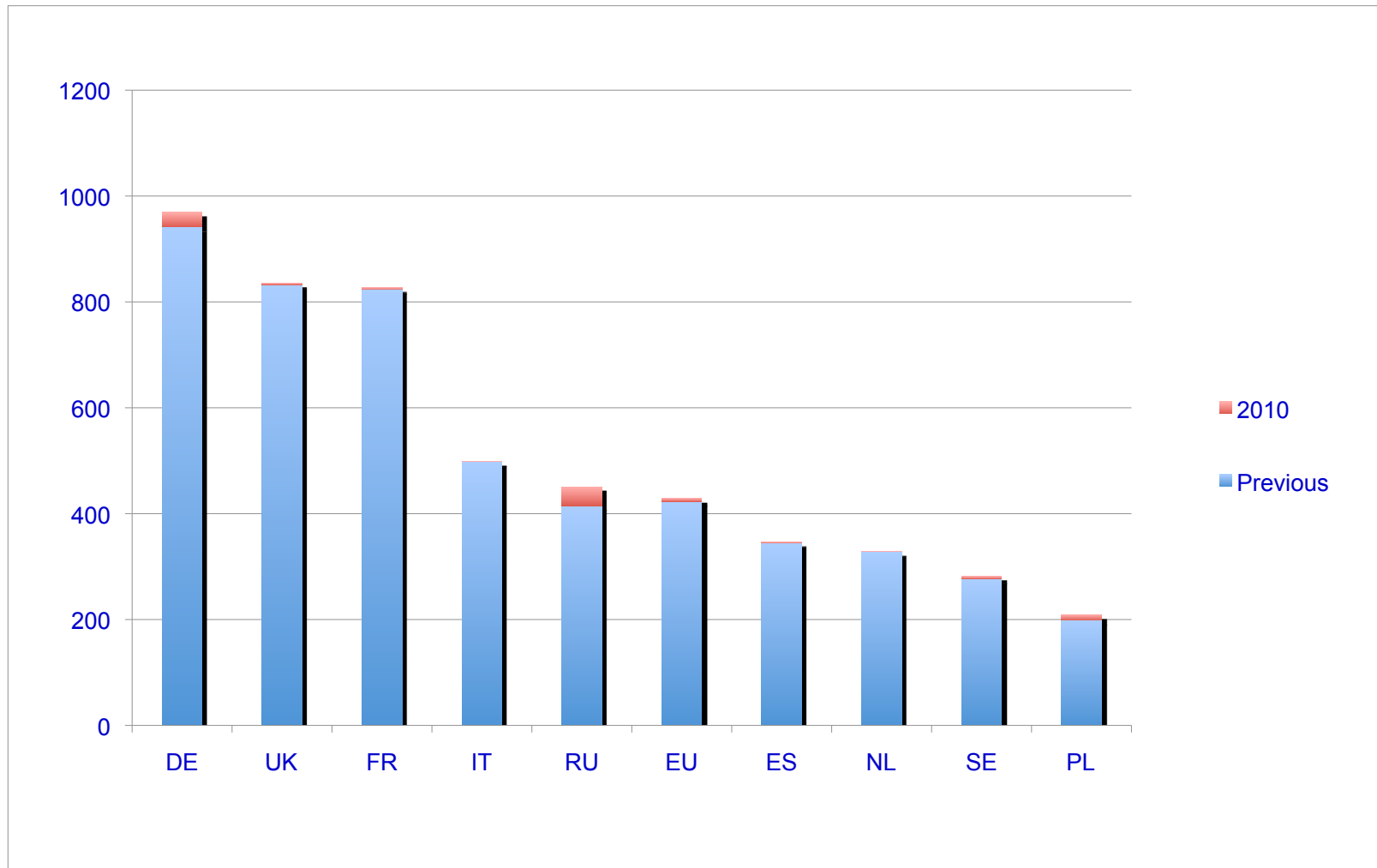




Runout date



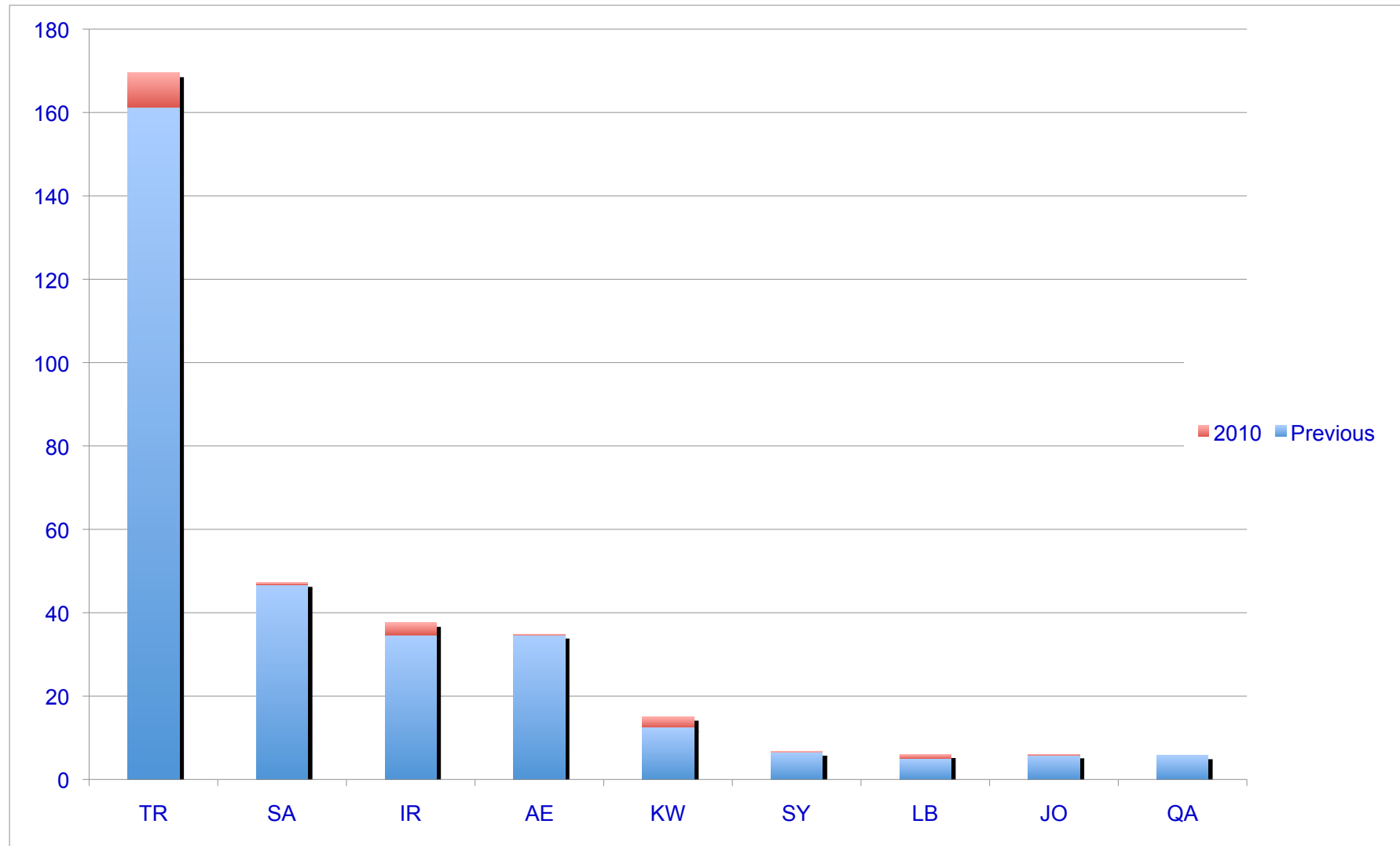
IPv4 Address space per country



Counted in /16s

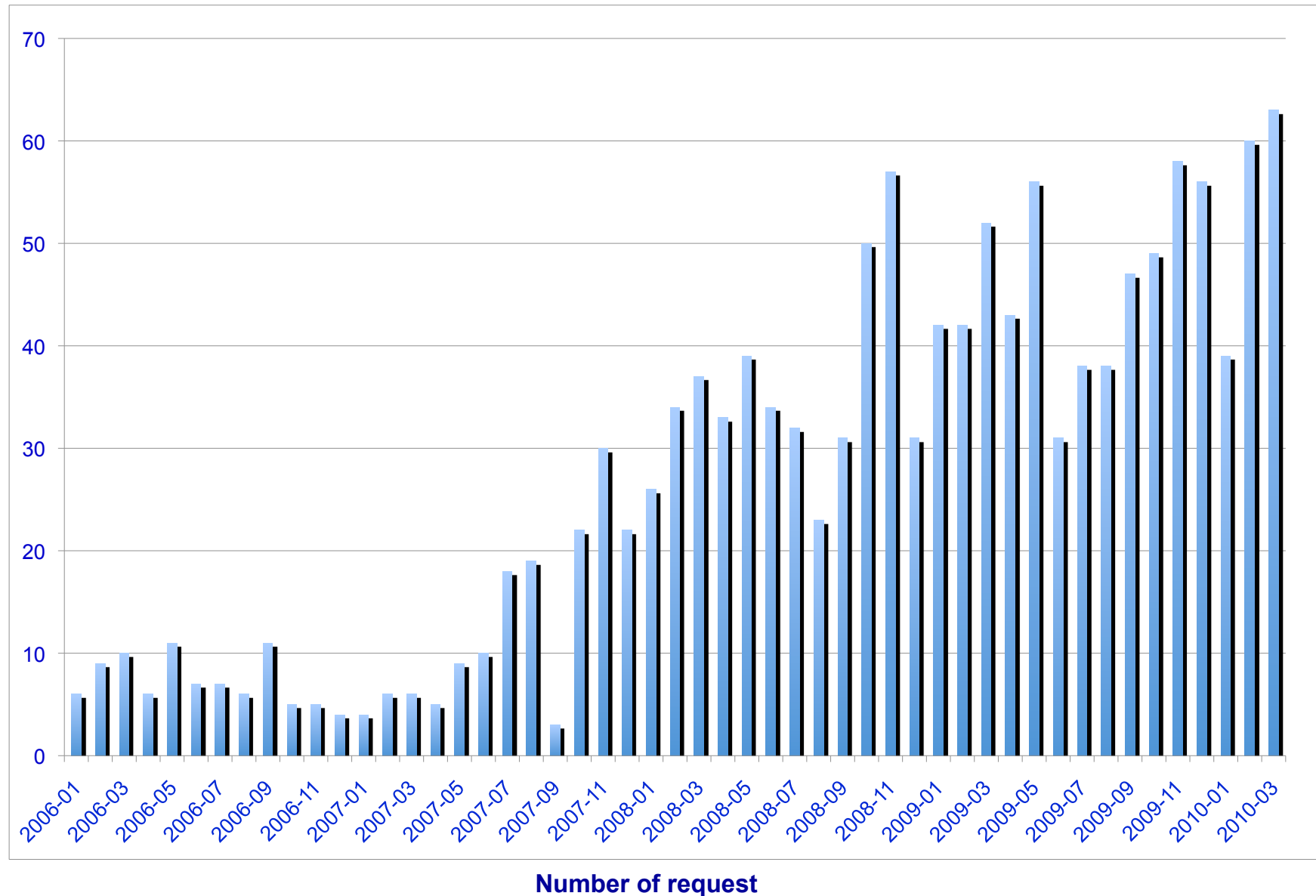


IPv4 – Regional statistics



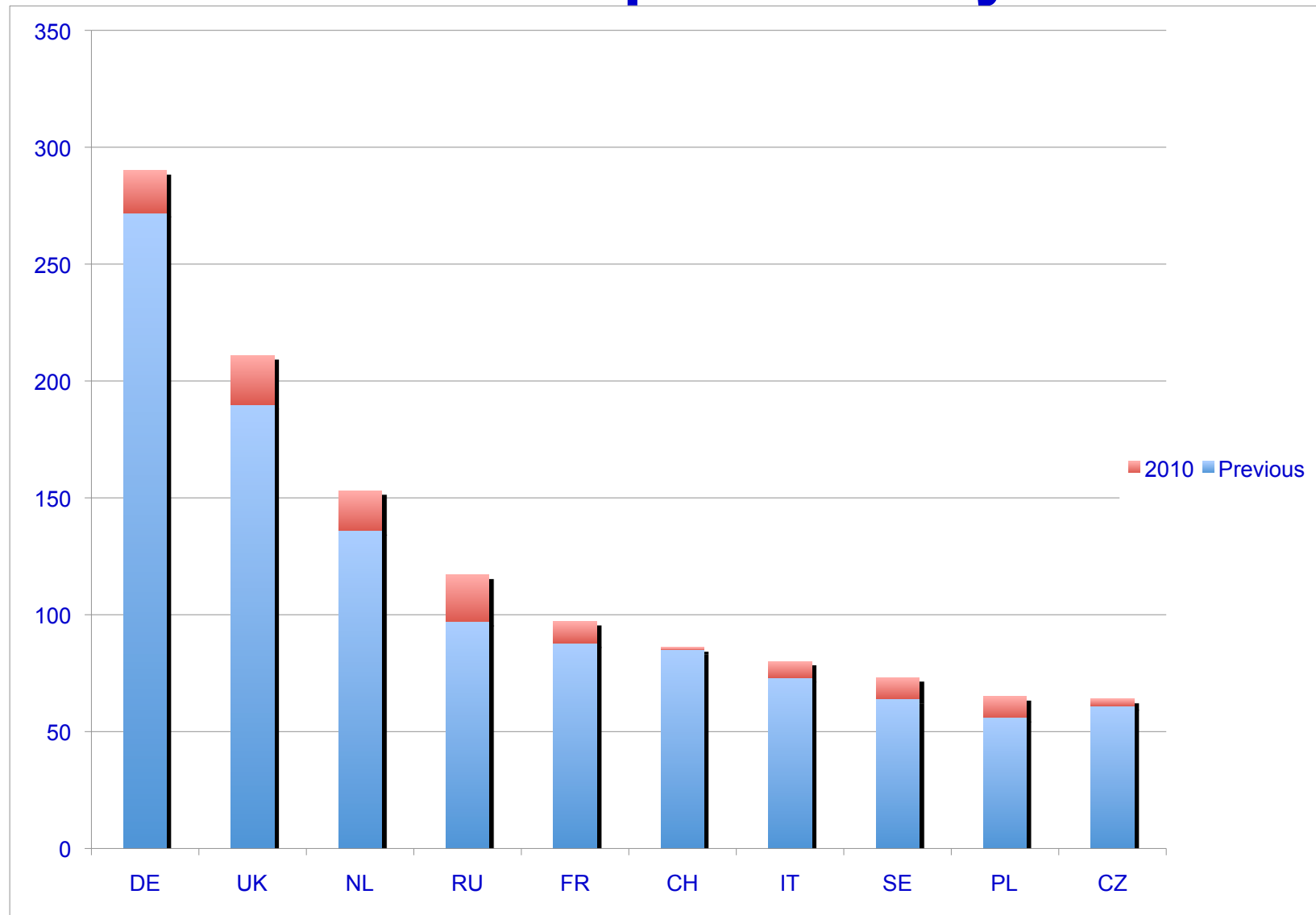
Counted in /16s

IPv6 – Allocations per month





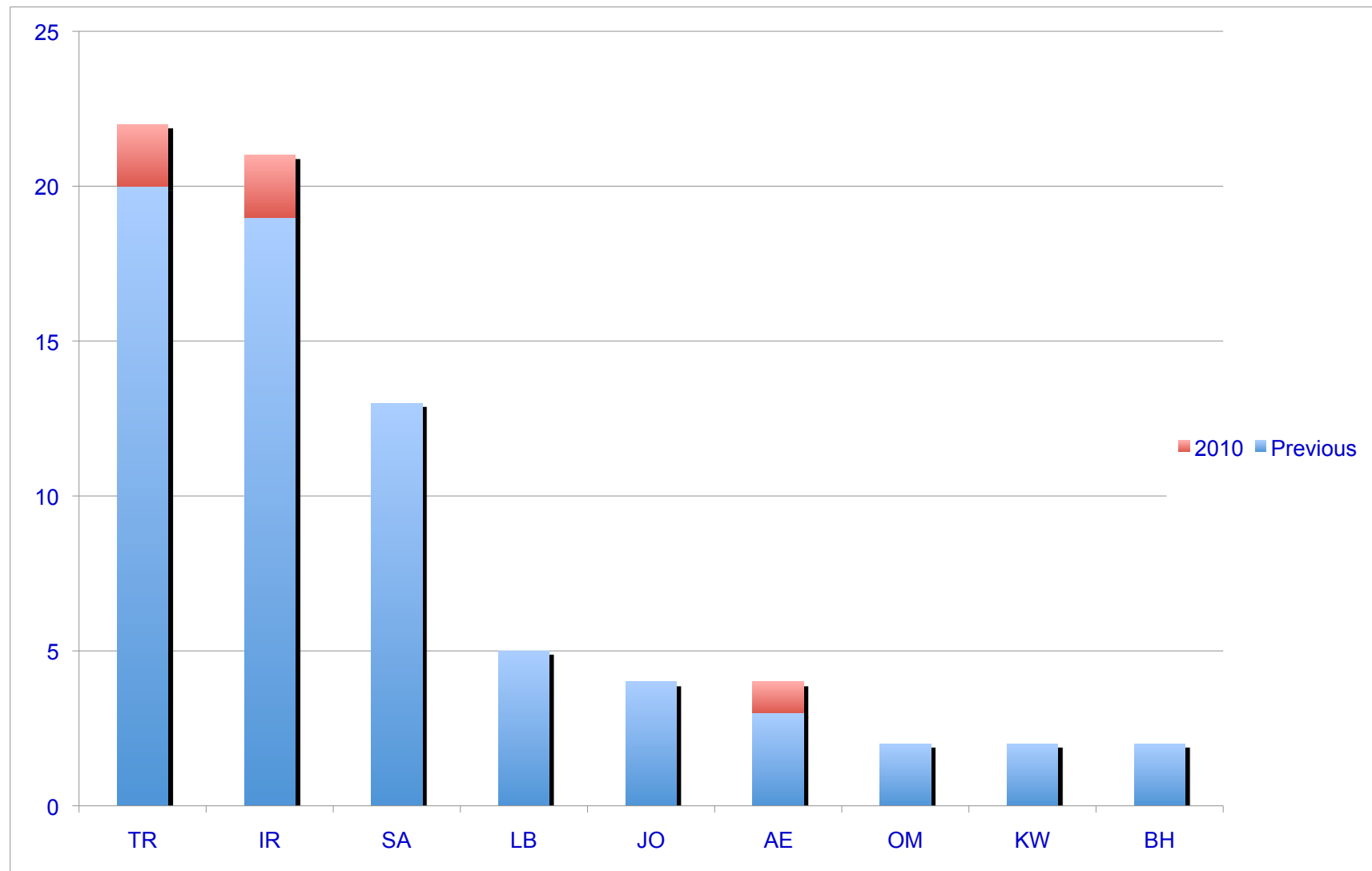
IPv6 Allocations per country



Number of allocations shown

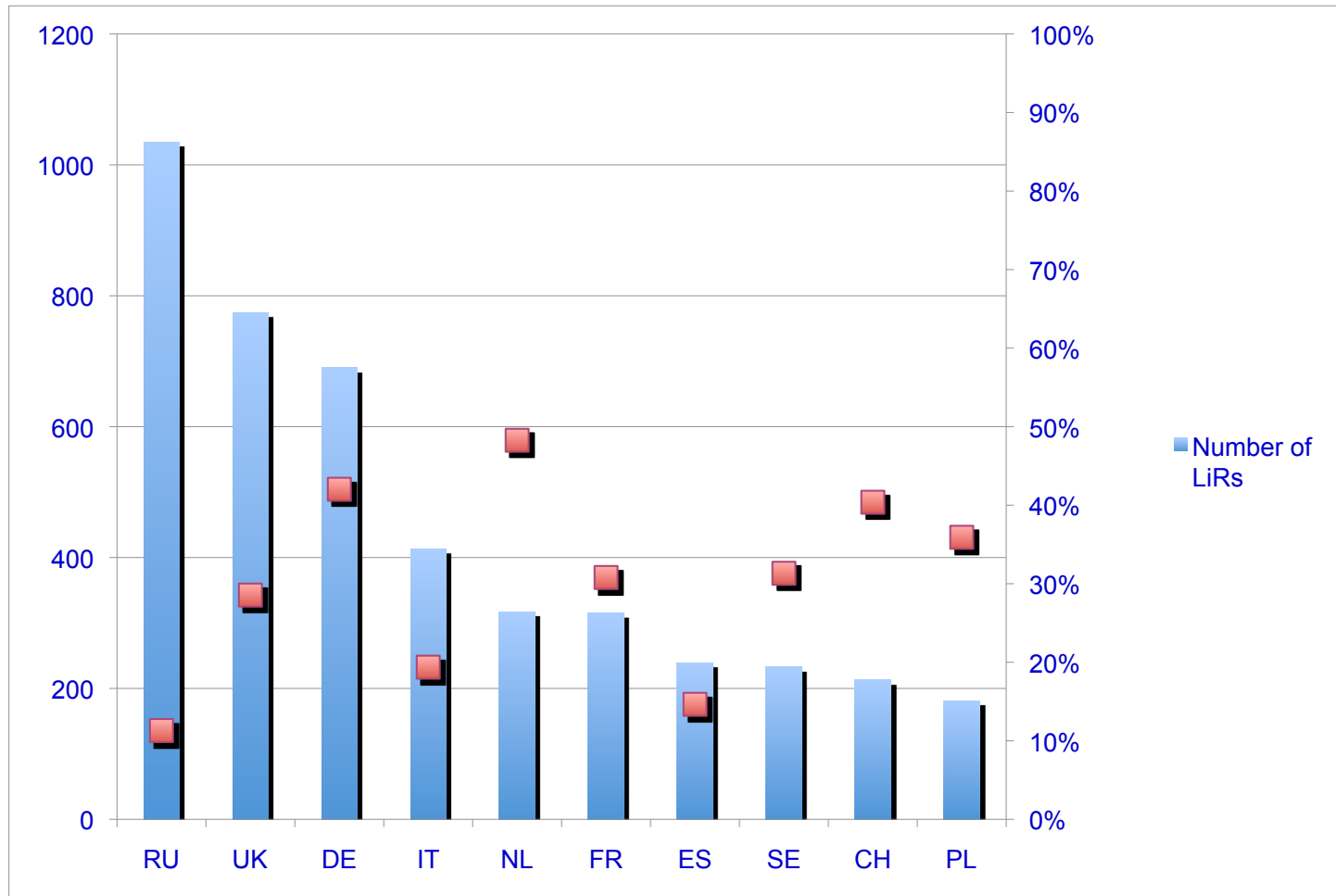


IPv6 – Regional Statistics



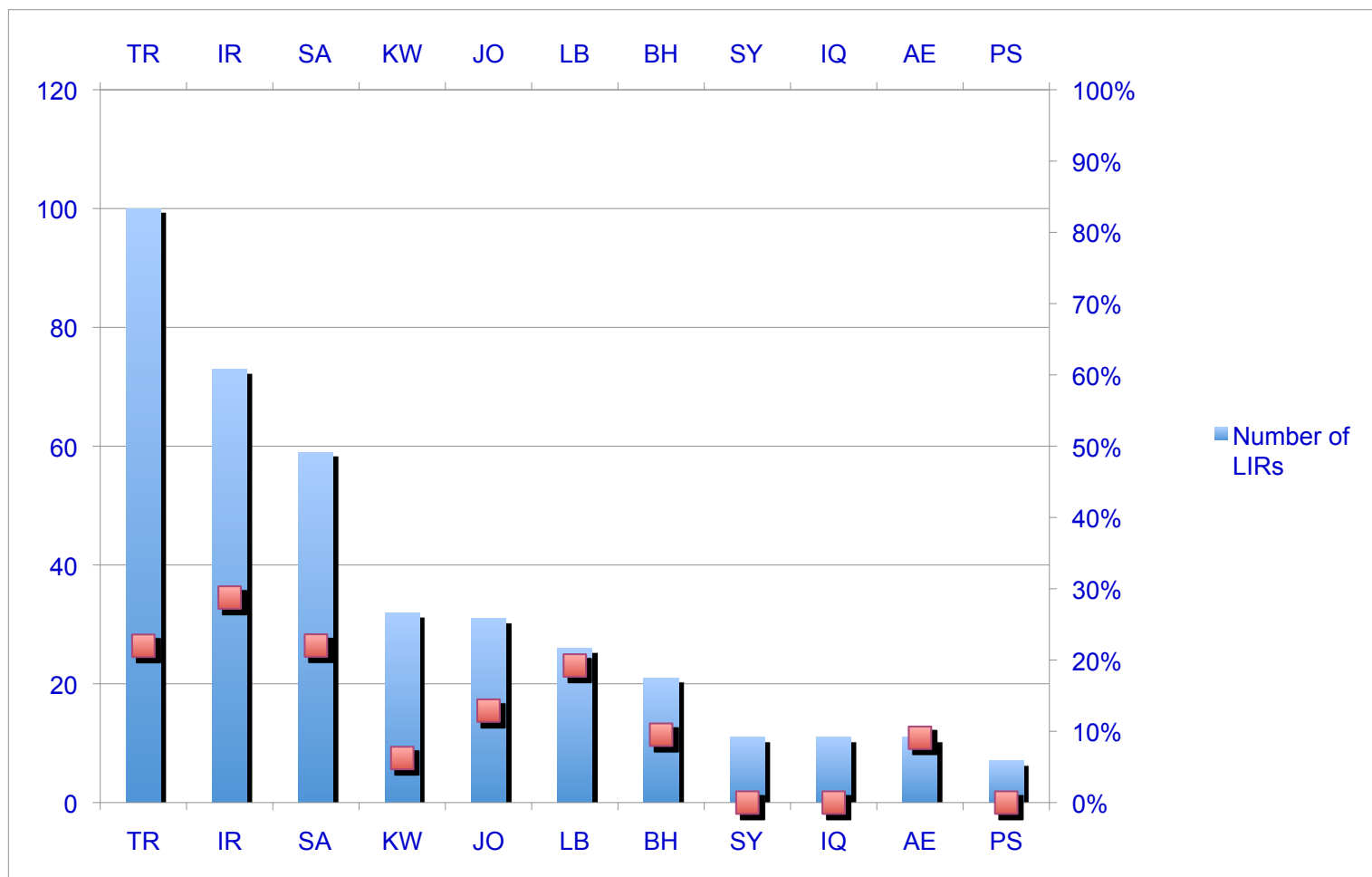
Number of allocations shown

IPv6 Penetration – RIPE Region





IPv6 Penetration - Regional Statistics



% of LIRs with an IPv6 allocation



Summary

- Lot's of activity in the Policy area
 - v4 exhaustion
 - v6 uptake
- You can participate as well
- Increase of interest in v6 space throughout this region
- Again James is here to support you



Services Center

- James Kennedy (Registration Services)
 - IP Resource related questions

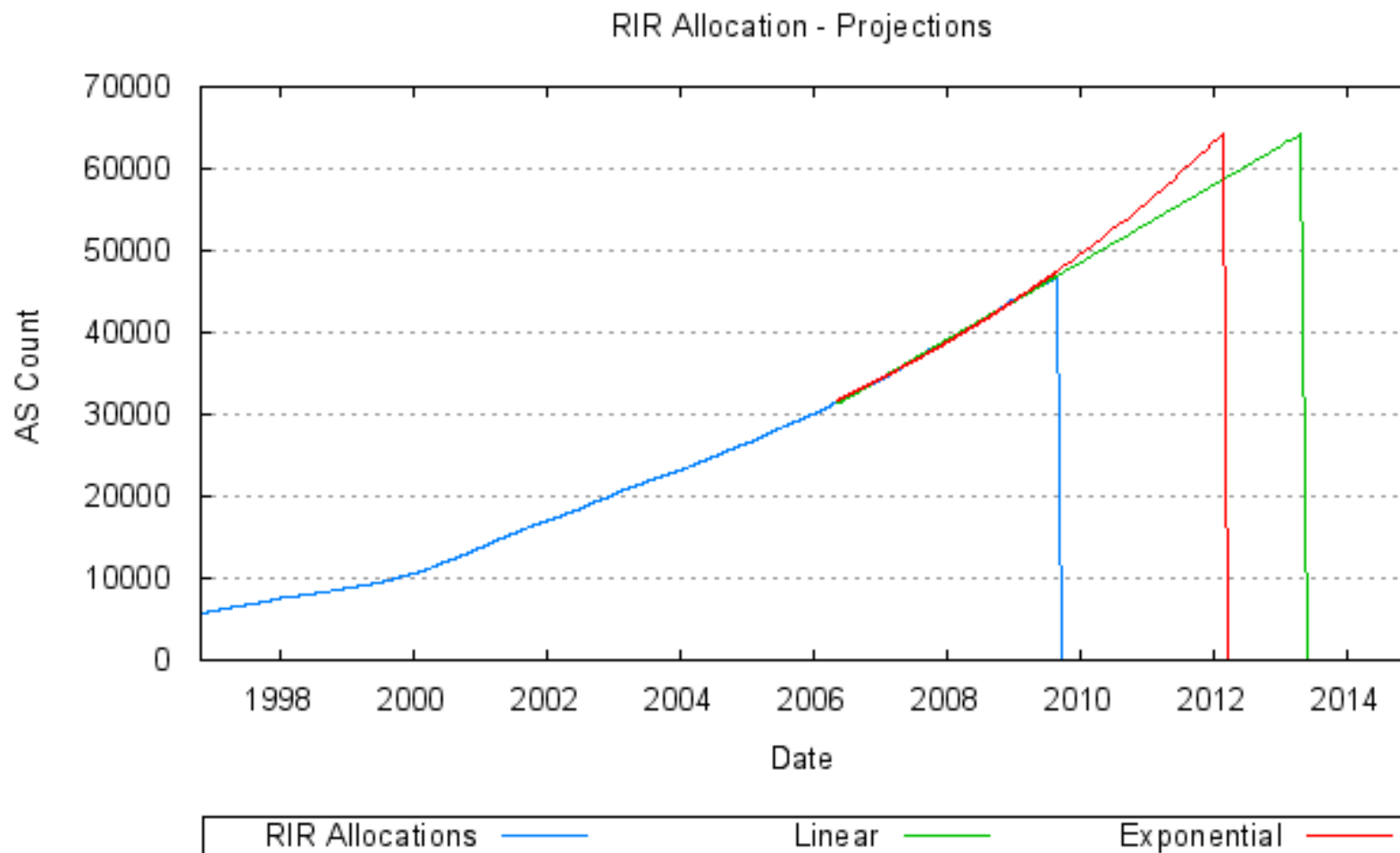


Questions?



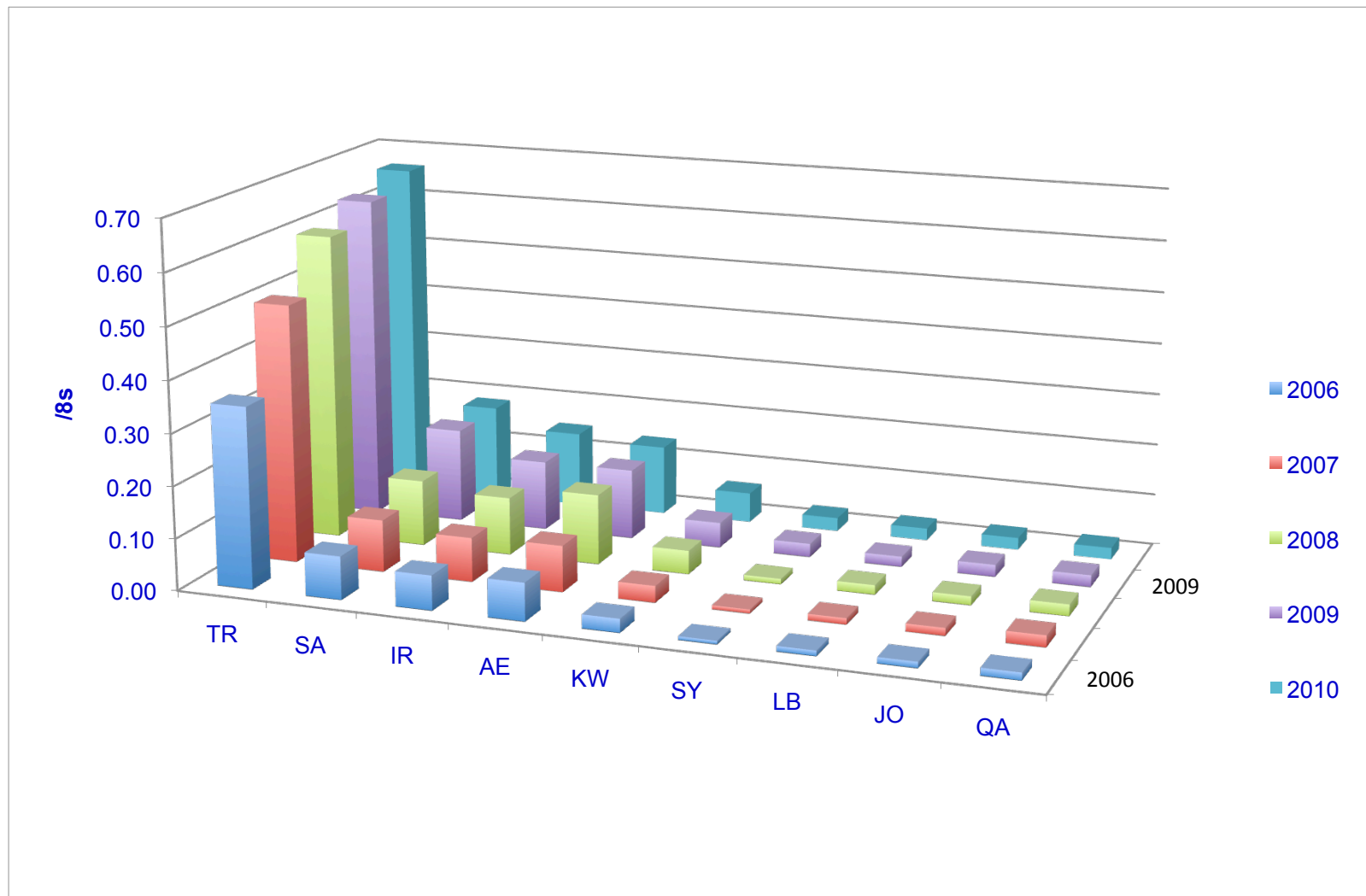


16-bit ASN Allocation History and Projections



Source:
www.apnic.net

IPv4 Trend – Regional Statistics



IPv6 Trend – Regional Statistics

