



MENOG 5

Policy Update and Resource Statistics

25 – 29 October 2009

Andrew de la Haije
COO – RIPE NCC



Agenda

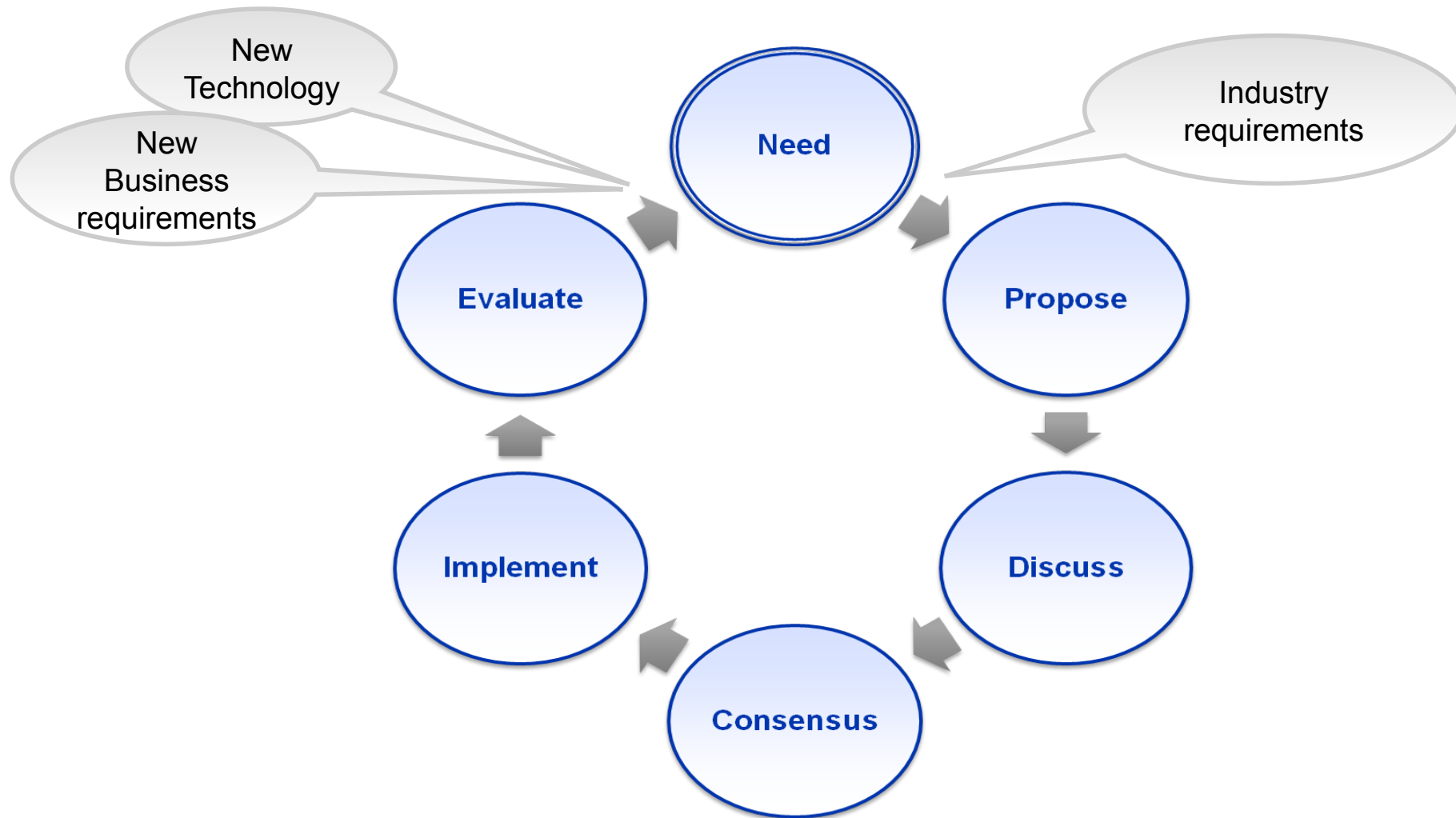
- Policy update
- Membership statistics
- Resource statistics
- Services Center



Agenda

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



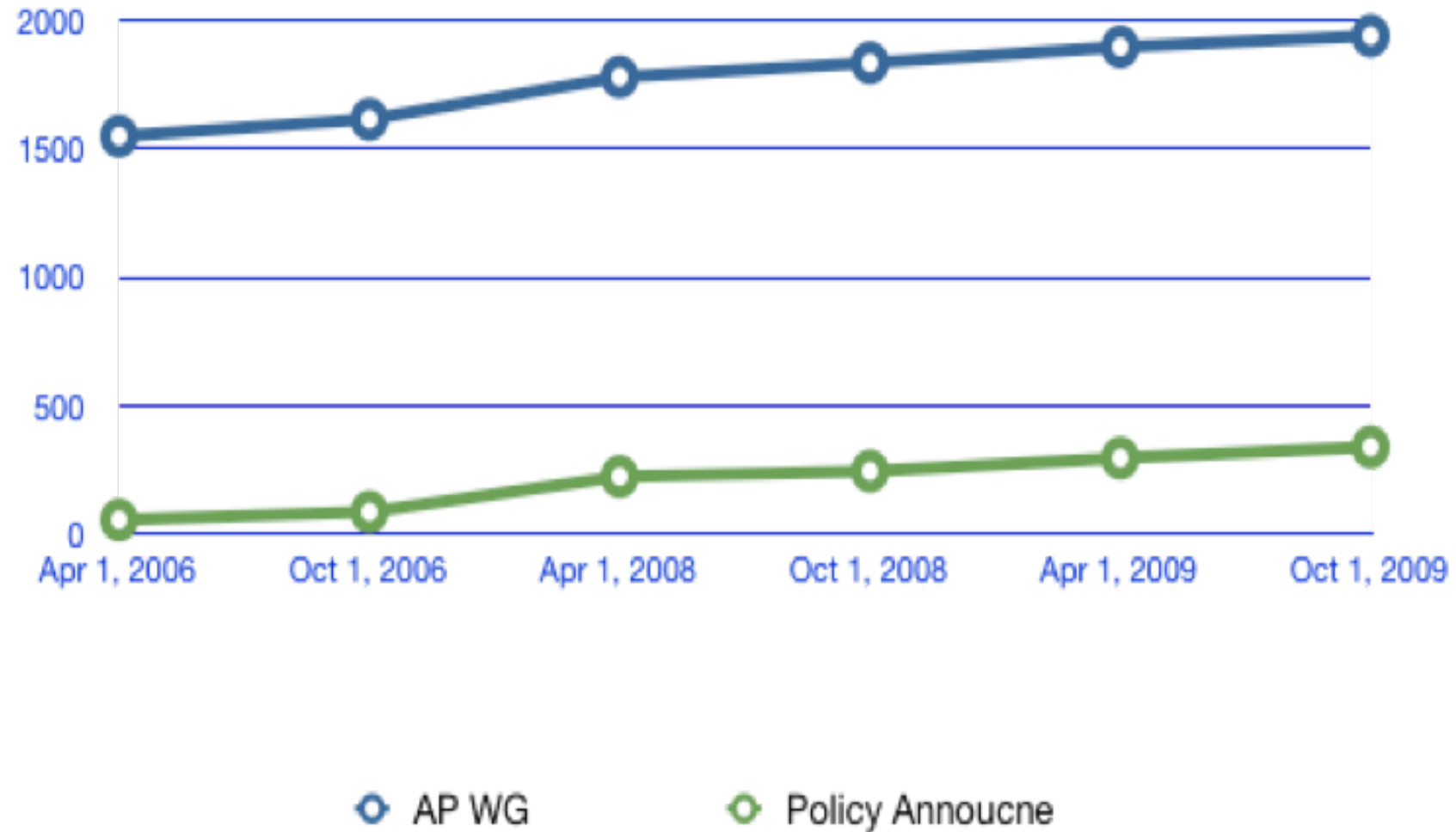


RIPE Policy Development Process (PDP) Principles

- 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

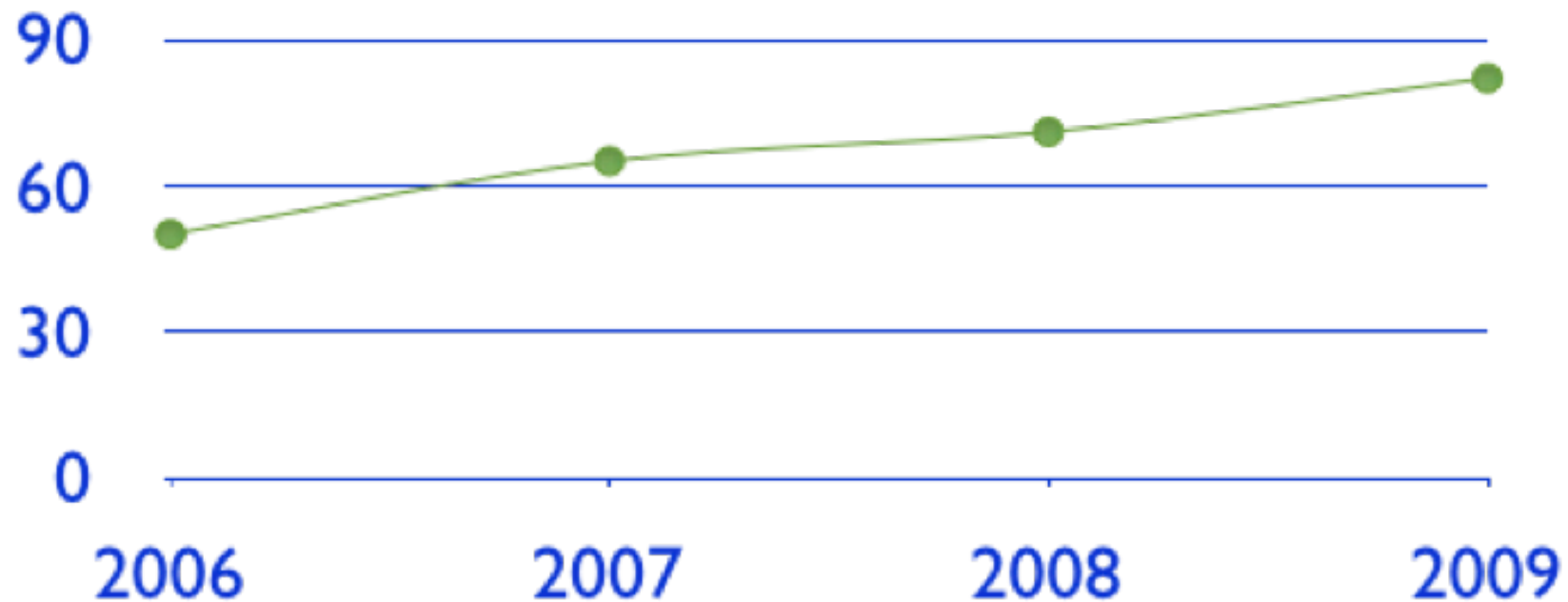


Subscriptions





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

- Allocating/Assigning Resources to the RIPE NCC (2009-02)
 - Accepted in July 2009
 - Documented in ripe-476
- 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 discussing



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



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)
 - Min /27s for those deploying IPv6
 - Criteria following phases in RFC5211



RIPE Policy Update - Review

- Run Out Fairly (2009-03)
 - Gradually reduce the allocation and assignment periods
 - Follow expected life time of the IPv4 unallocated pool
- Initial Certification Policy for Provider Aggregatable Address Space Holders (2008-08)



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

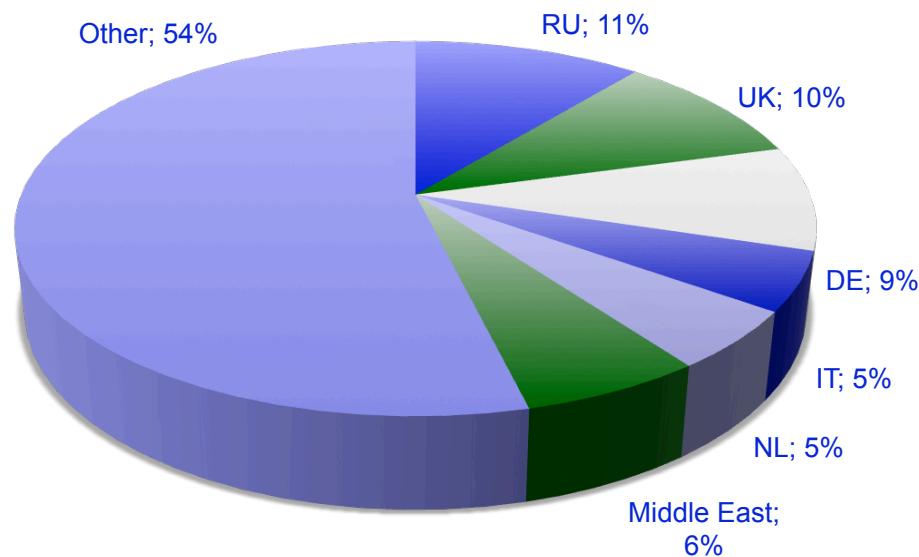
- Resource statistics

- Services Center

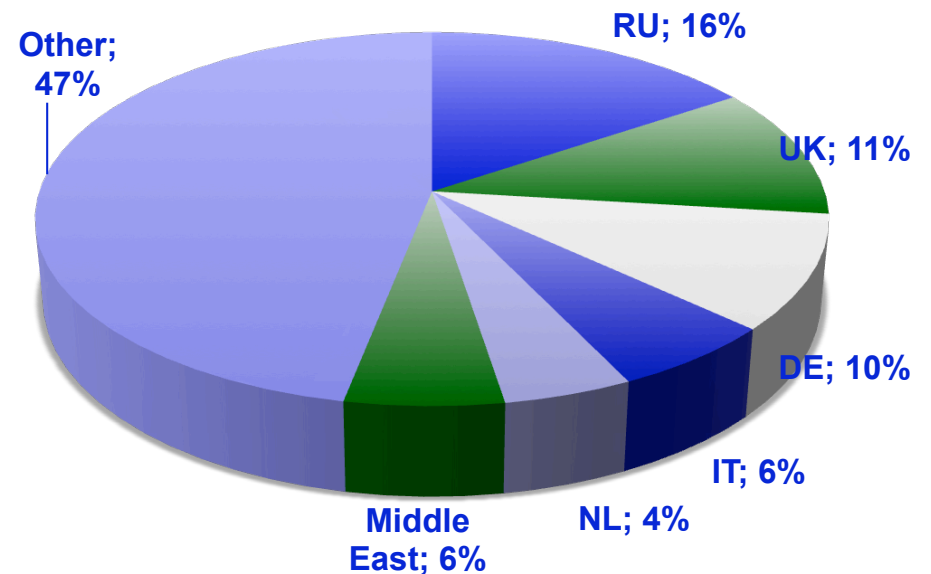
Middle East member information

- Currently 363 Middle East members (30 Sep 2009)
- Applications 32 in 2009 (2008: 51)

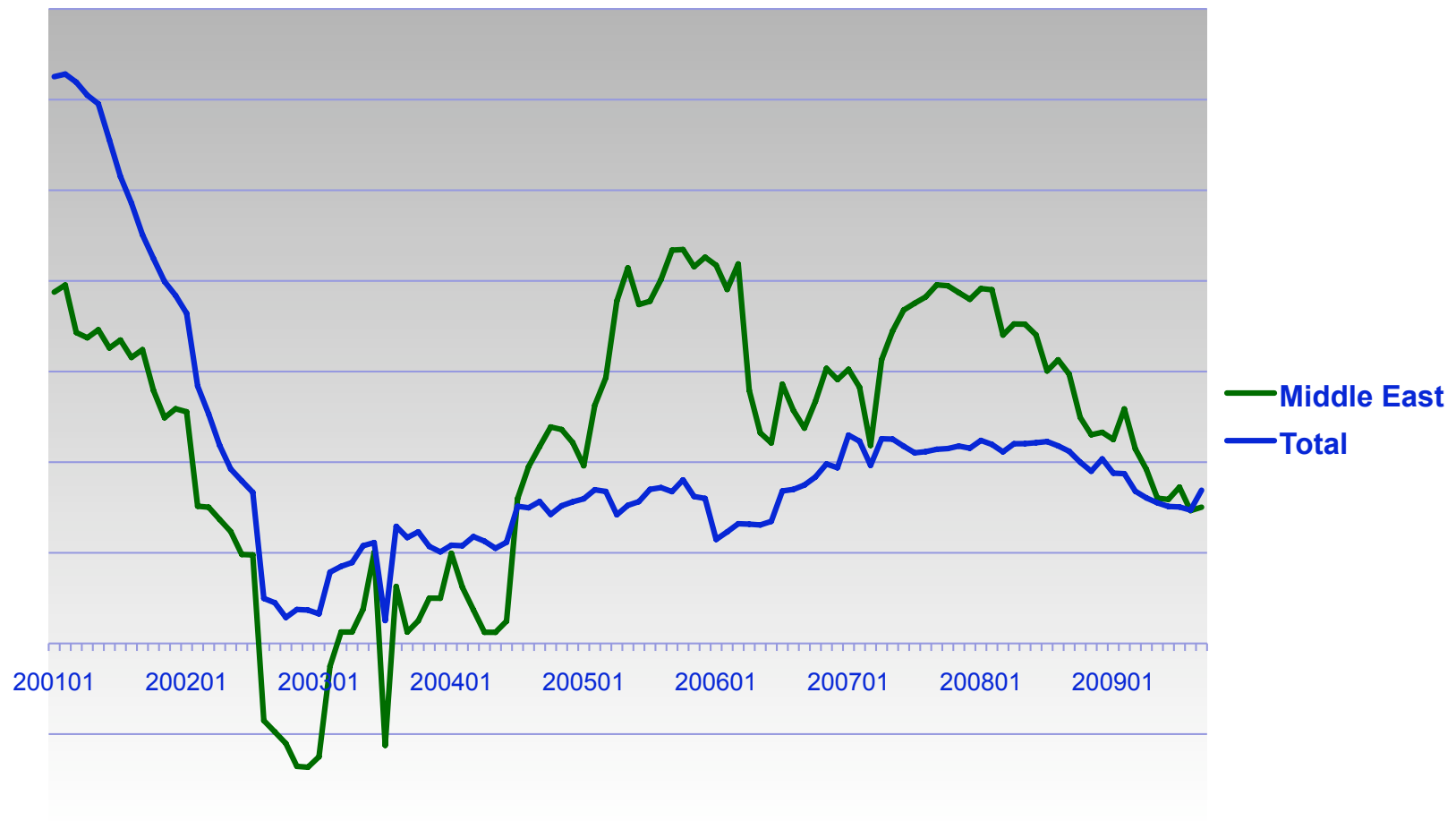
New members per country 2009



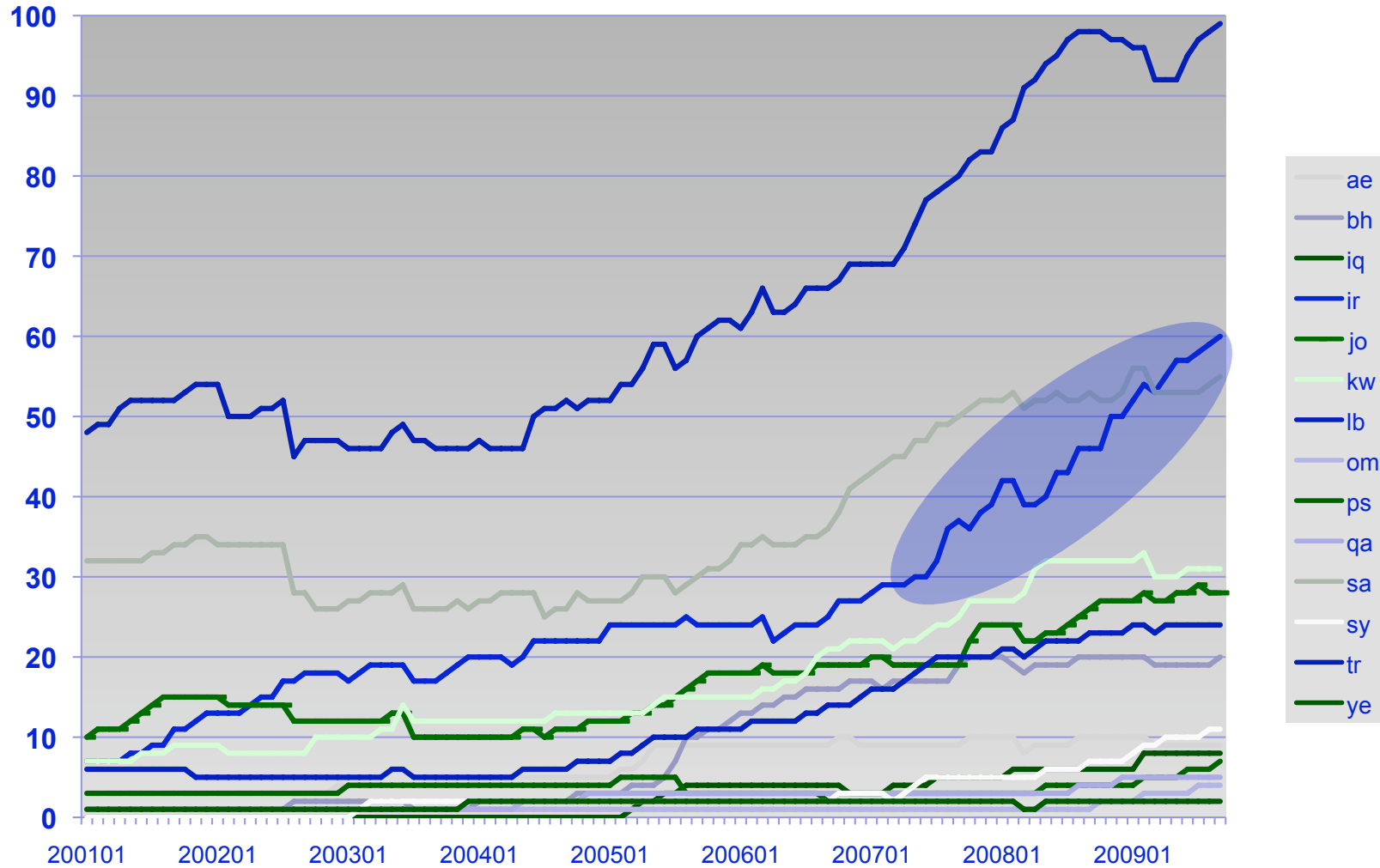
Members per country 2009



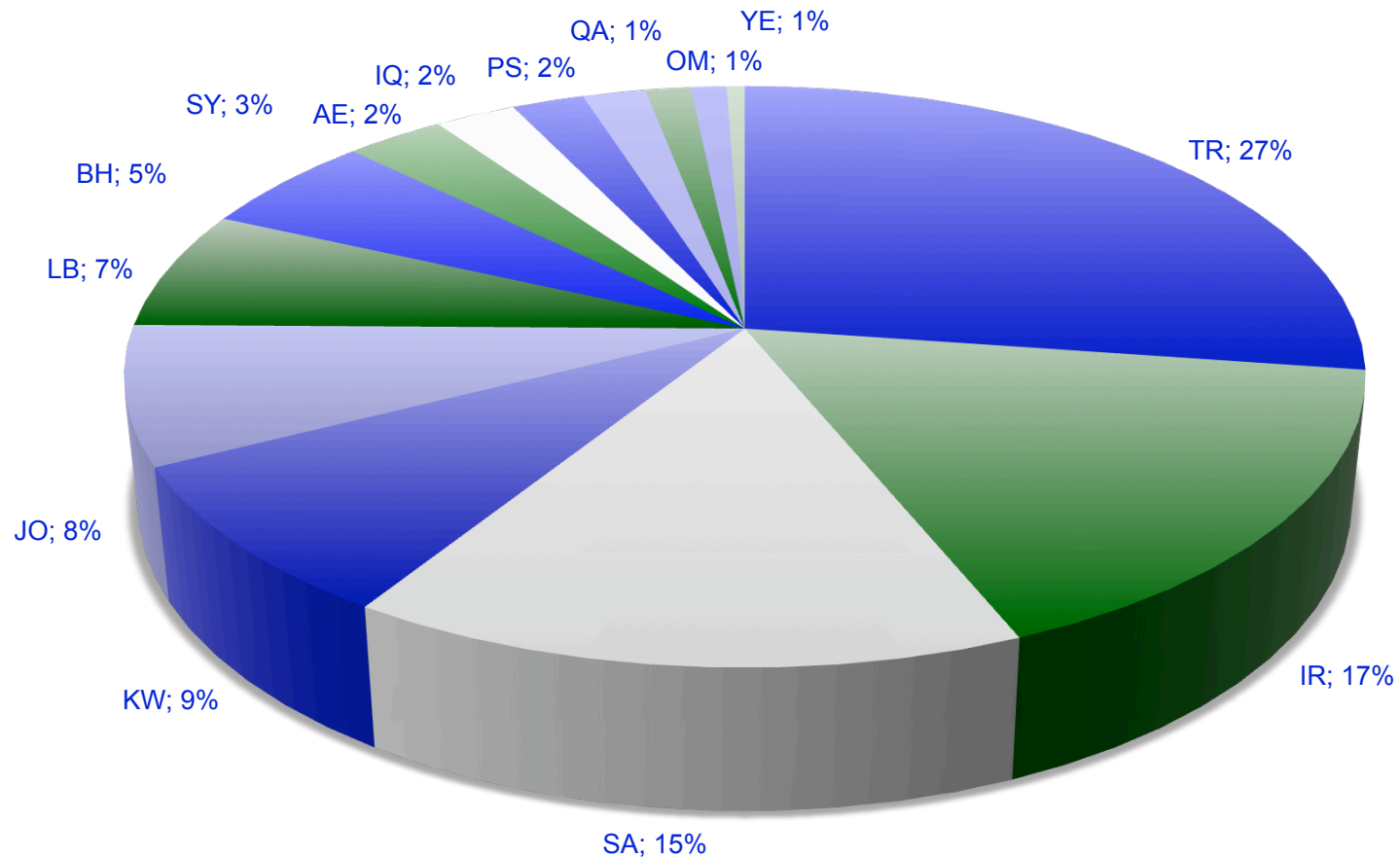
Membership growth indicator 2001-2009



Historic development 2001-2009



Middle East member info 2009





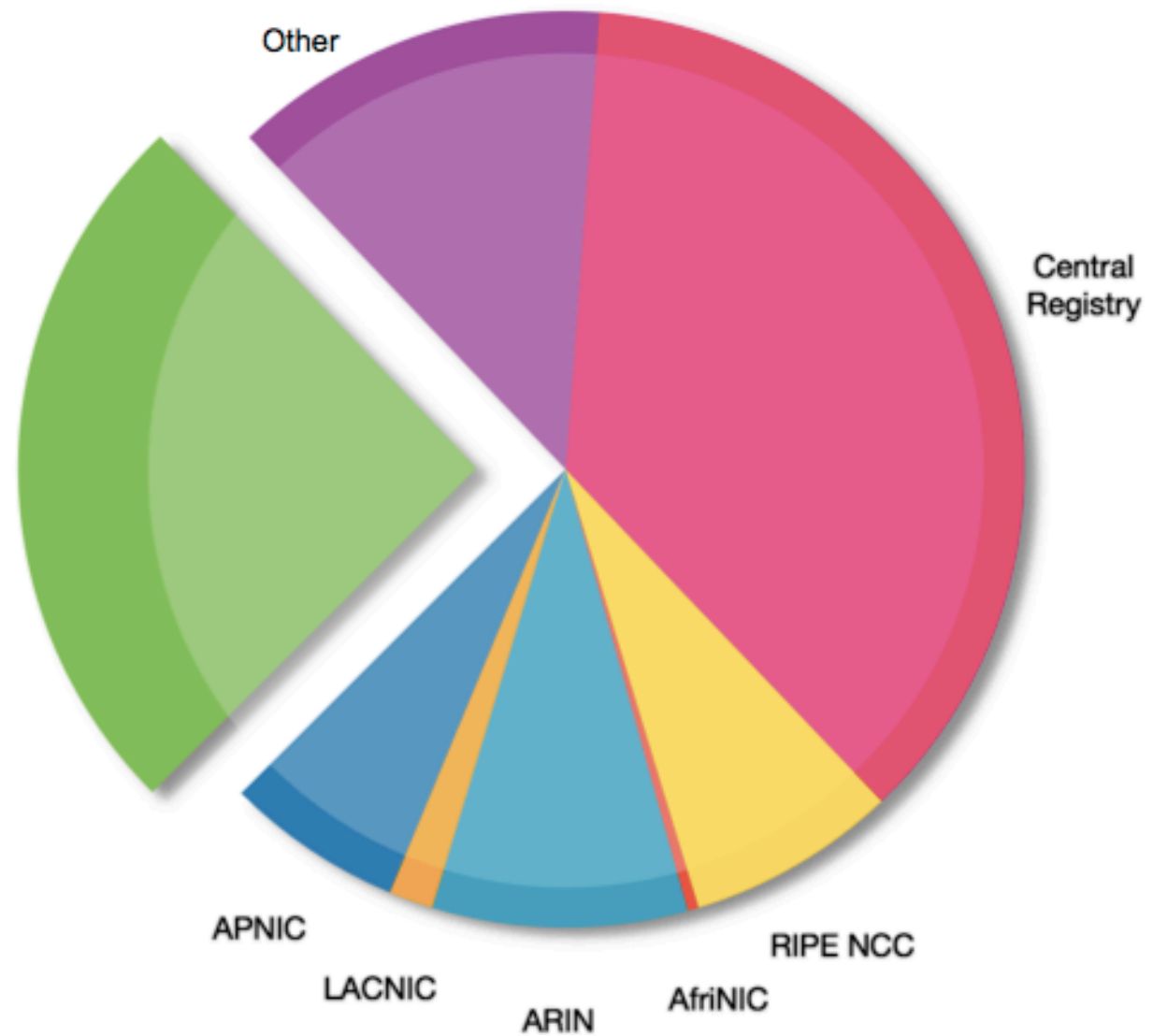
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- 32-bit AS Numbers
- Services Center



IPv4 Address Pool - June 2005

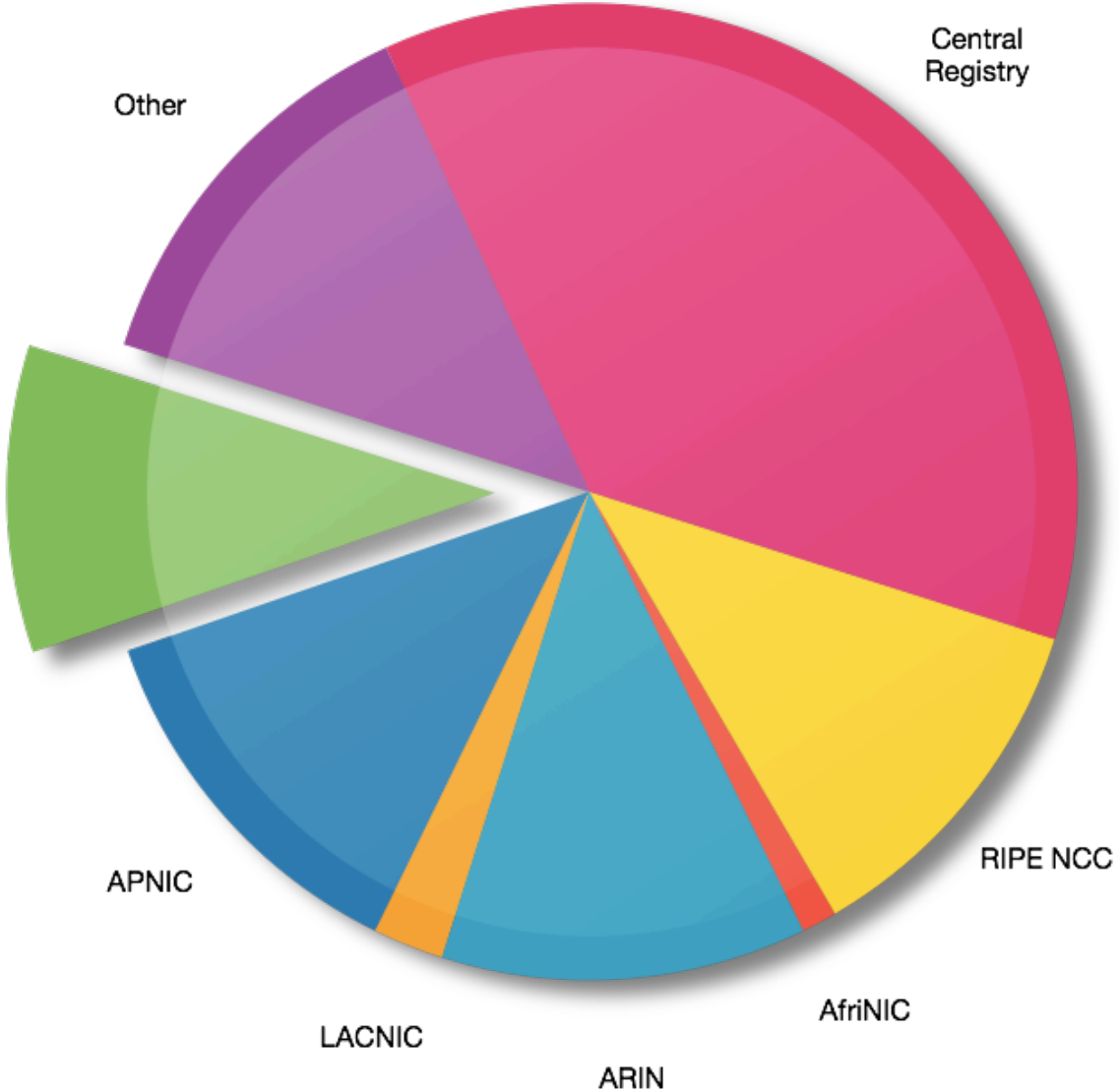
25%
available





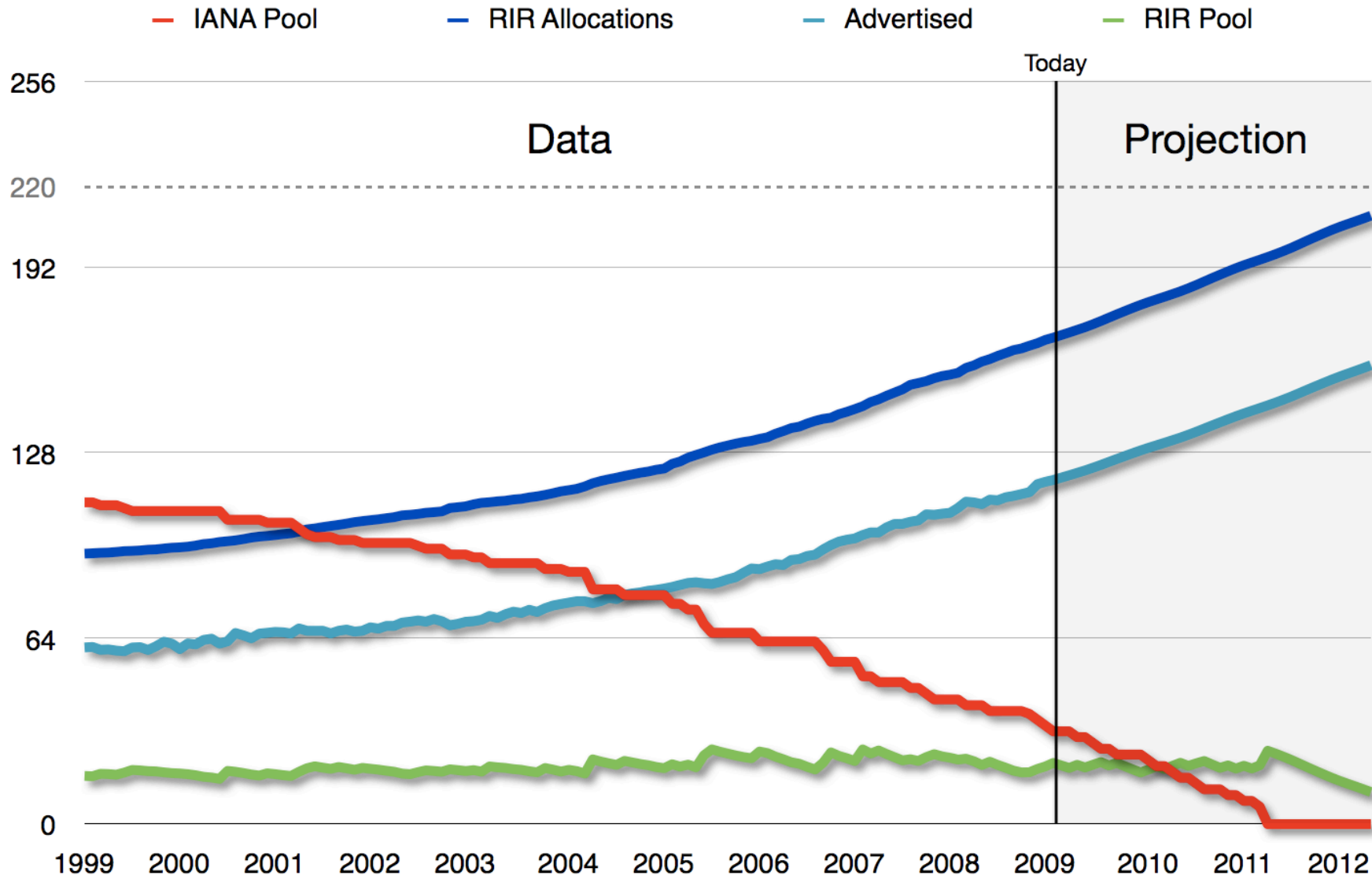
IPv4 Address Pool - Now

**10%
available**

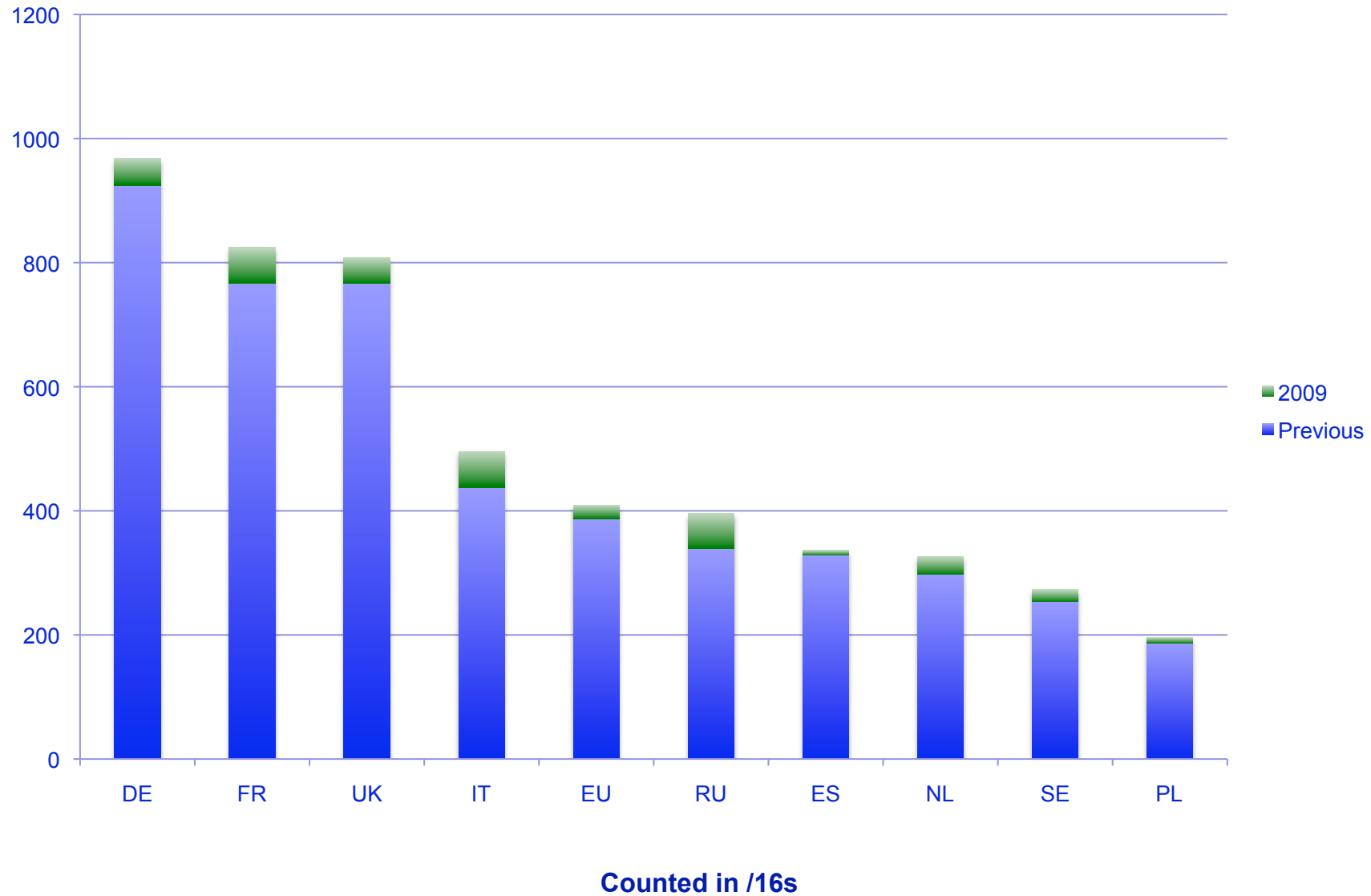




Runout date

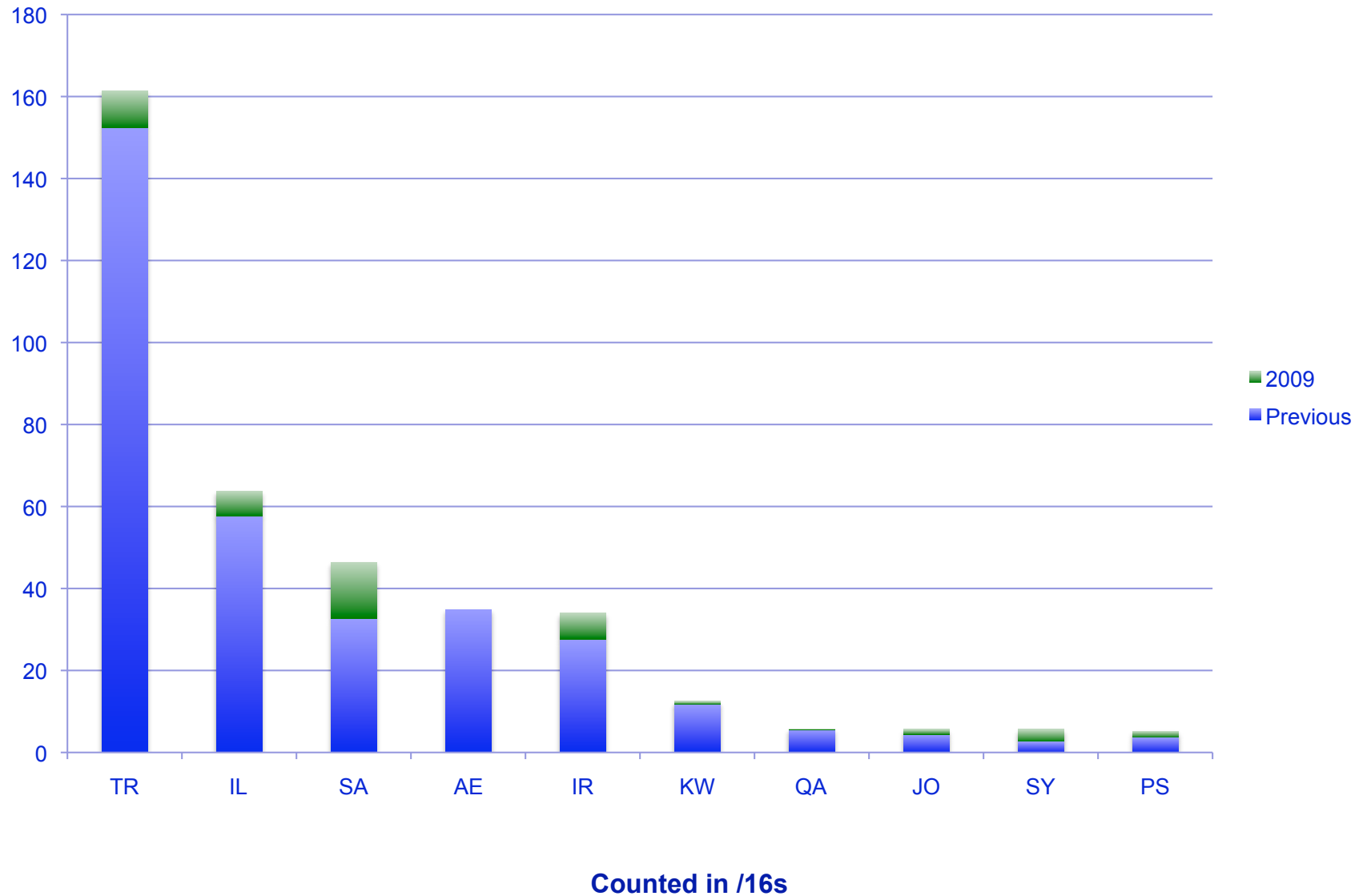


IPv4 Address space per country

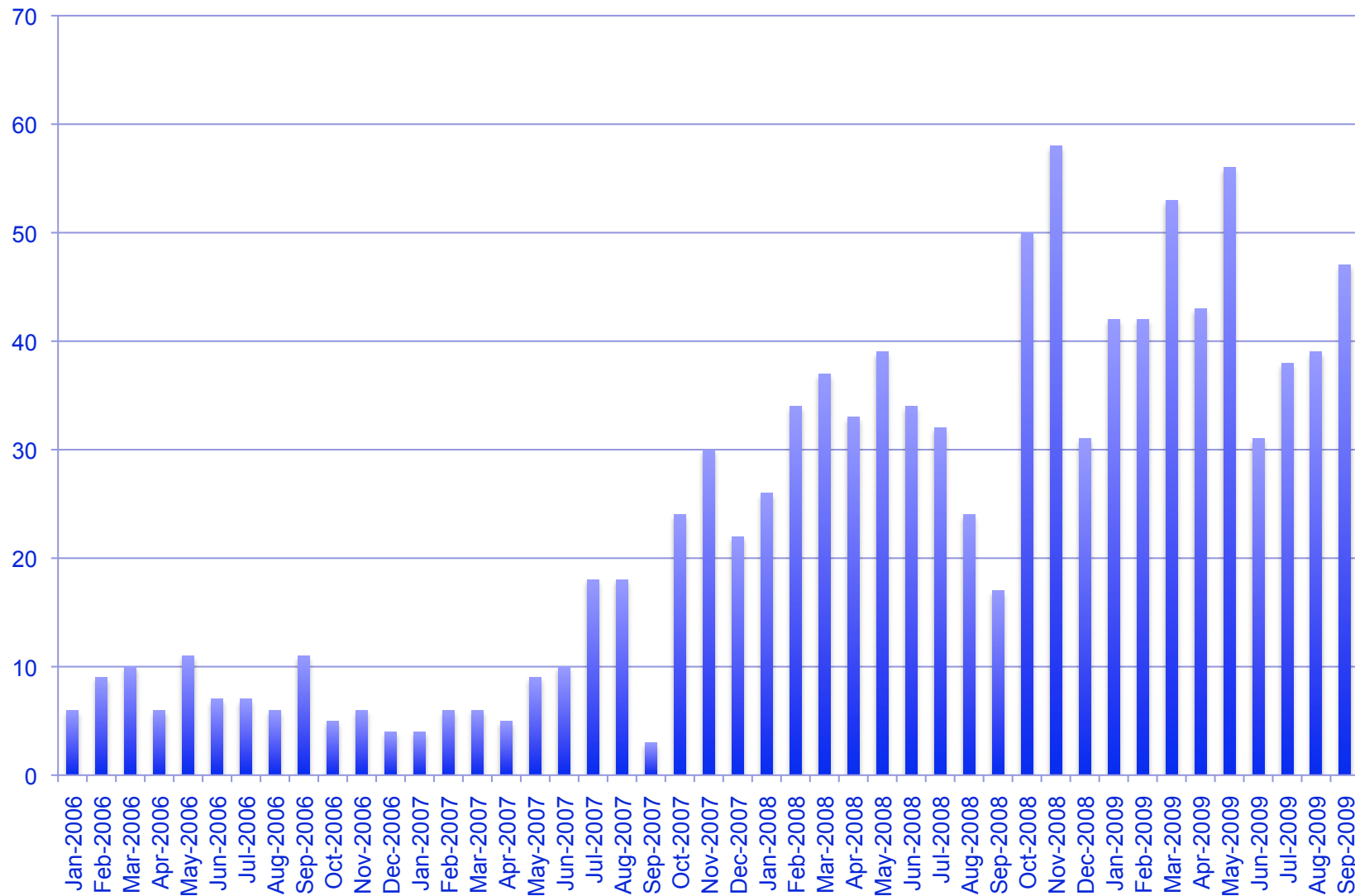




IPv4 – Regional statistics

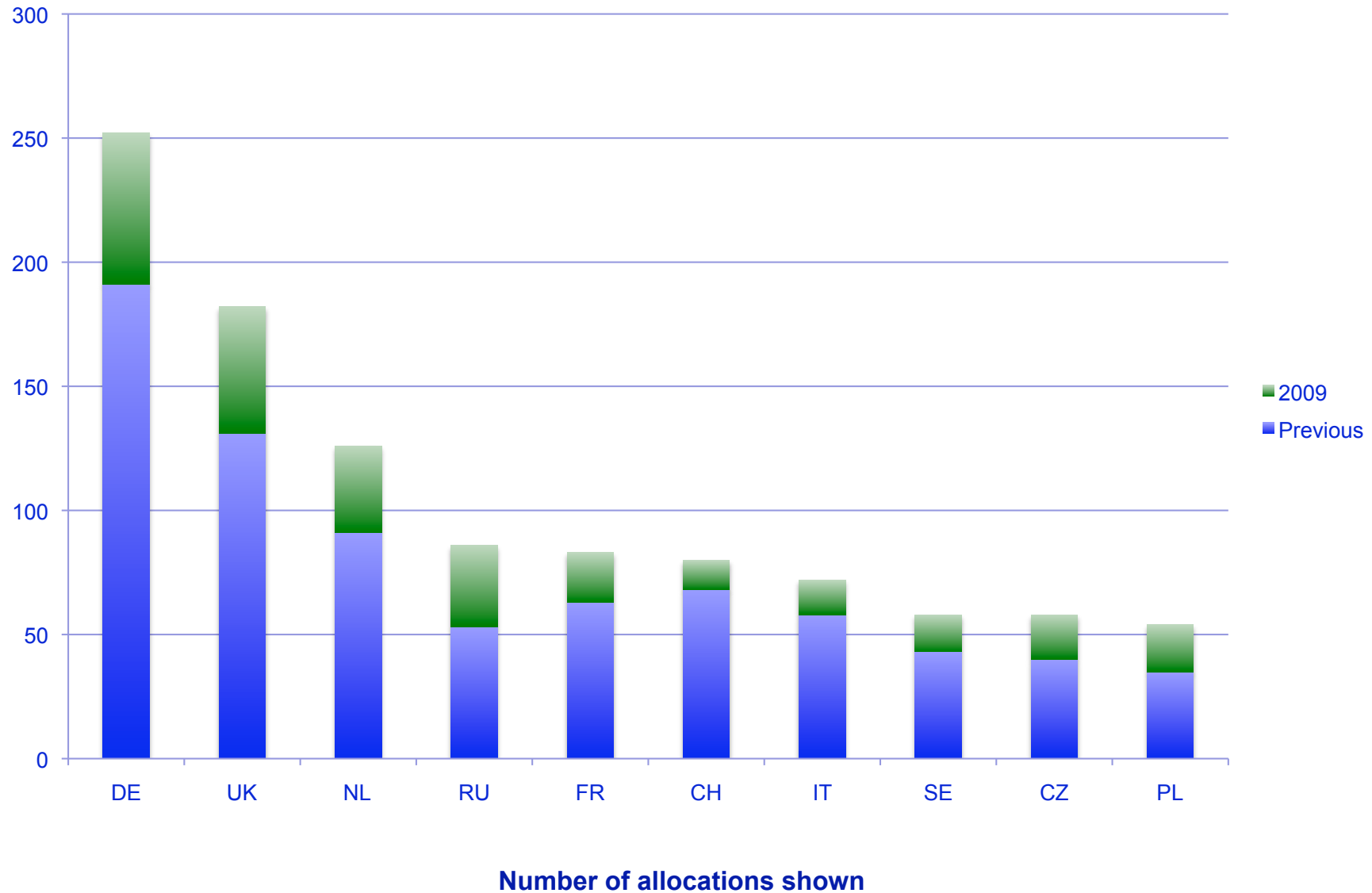


IPv6 – Allocations per month



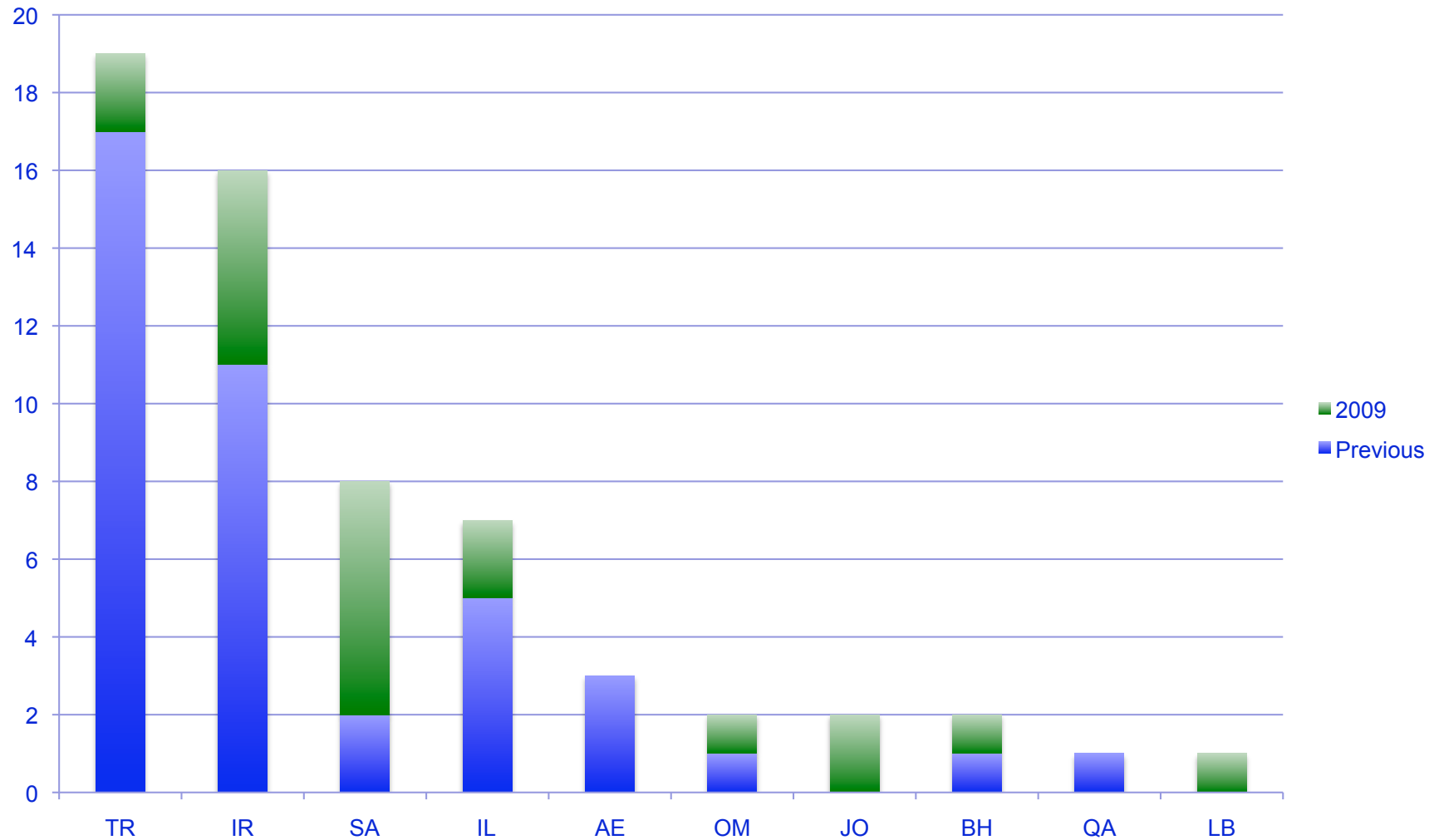


IPv6 Allocations per country



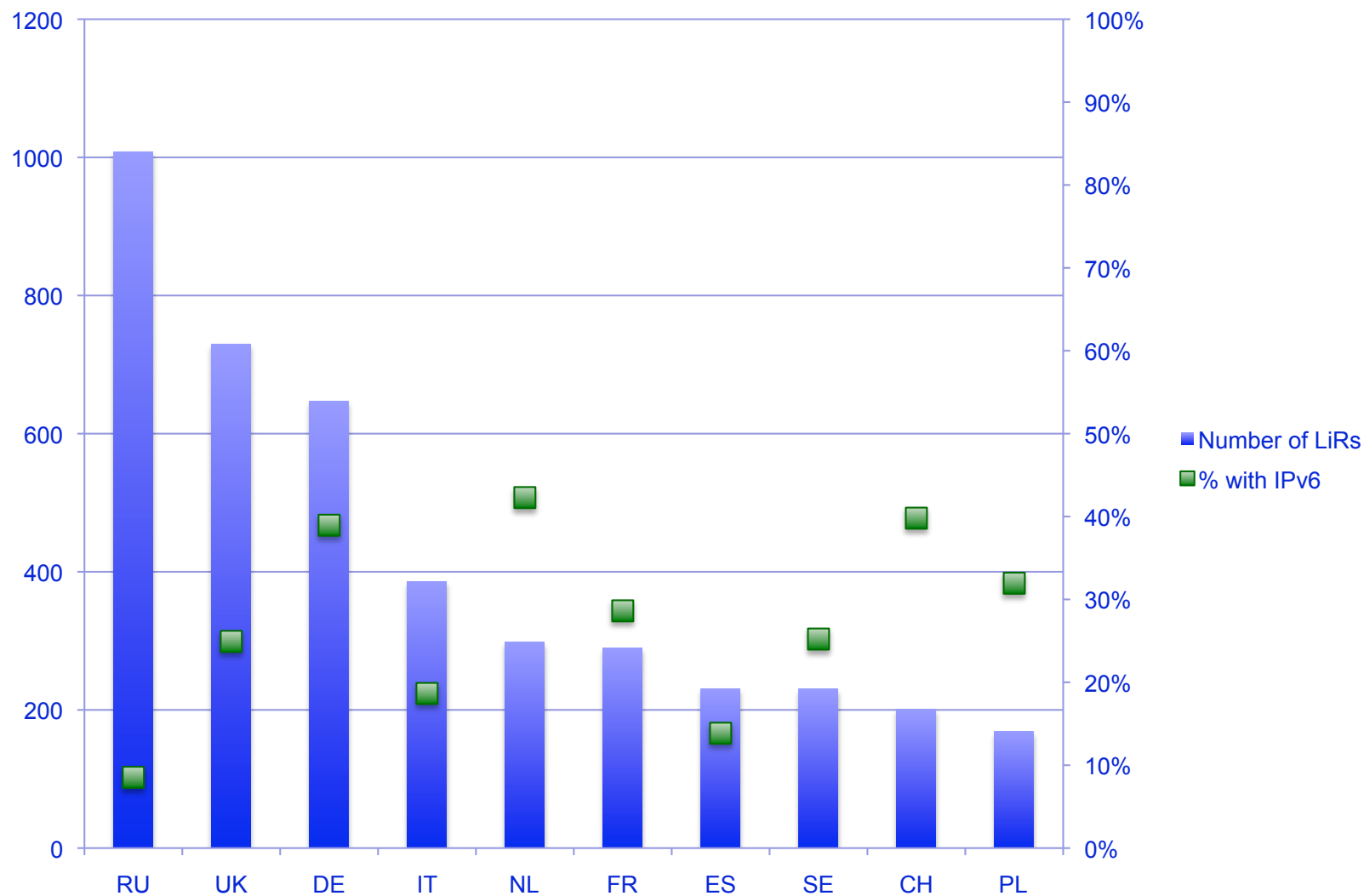


IPv6 – Regional Statistics



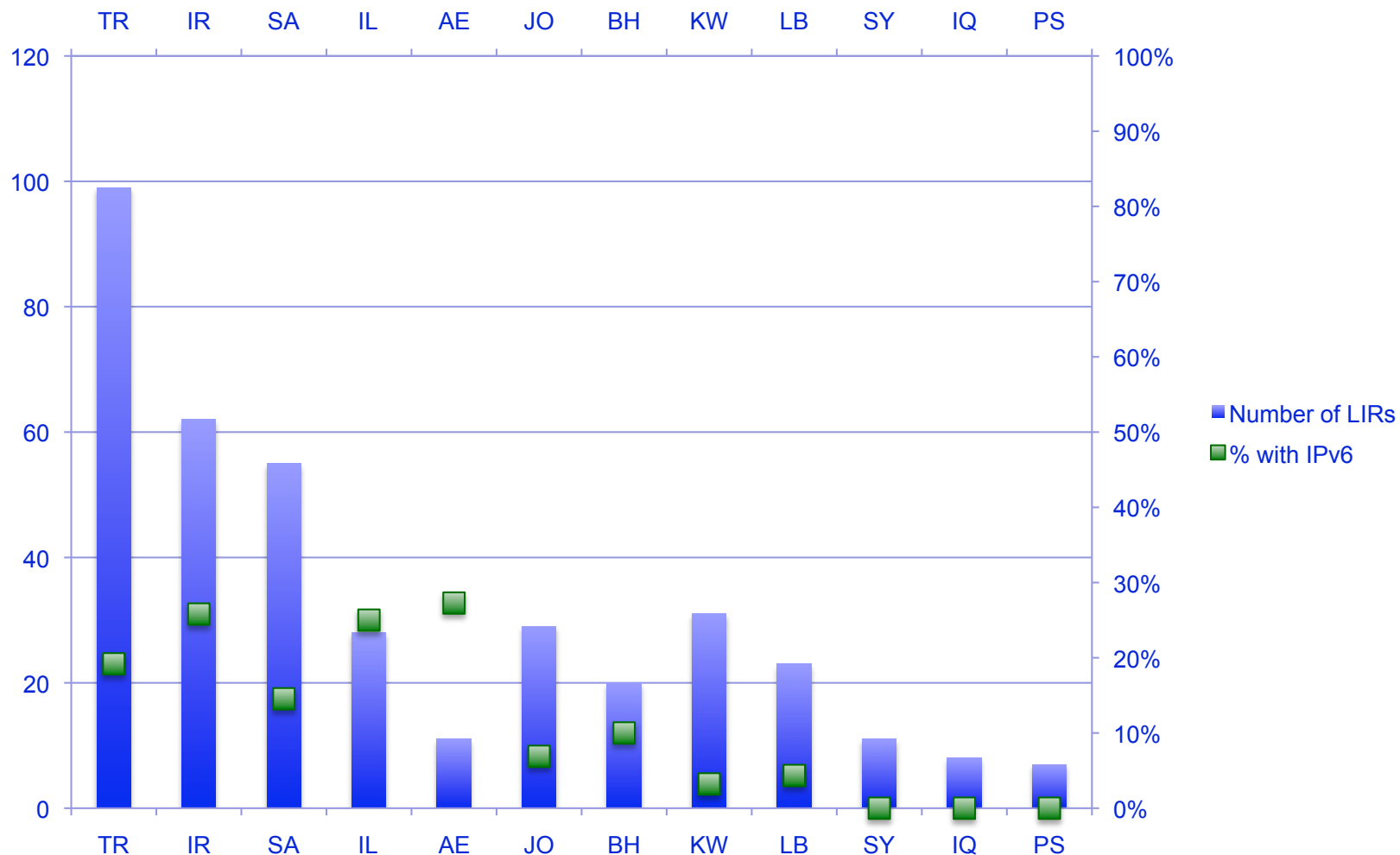


IPv6 Penetration – RIPE Region





IPv6 Penetration - Regional Statistics



% of LIRs with an IPv6 allocation



Summary

- Lot's of activity in the Policy area
 - v4 exhaustion
 - v6 uptake

- Increase of interest in v6 space throughout the region



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Services Center

- Elvis Velea (IPRA)



- IP related questions

- Smahena Amakran (Customer Services)



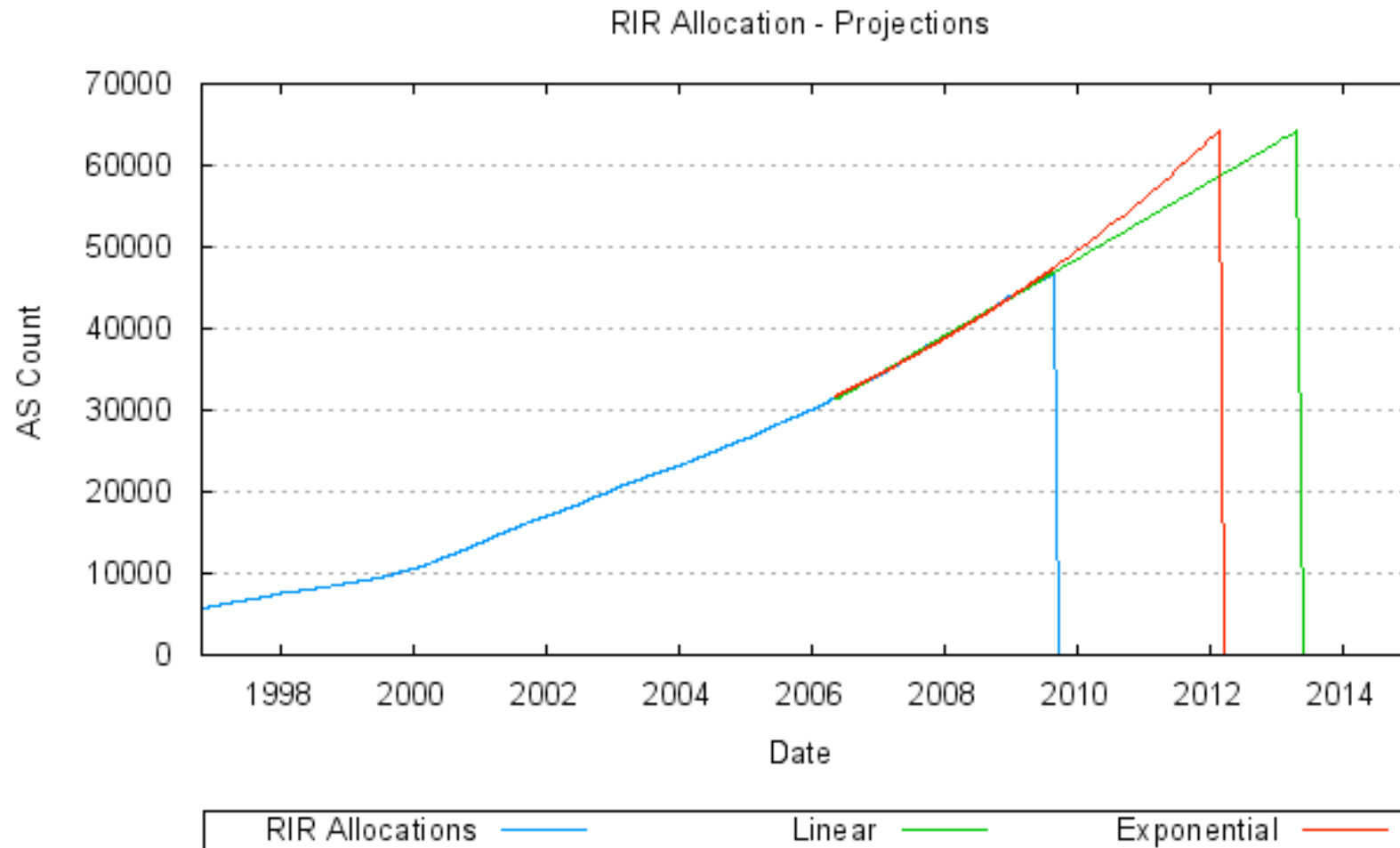
- Billing related & general questions

Questions?





16-bit ASN Allocation History and Projections

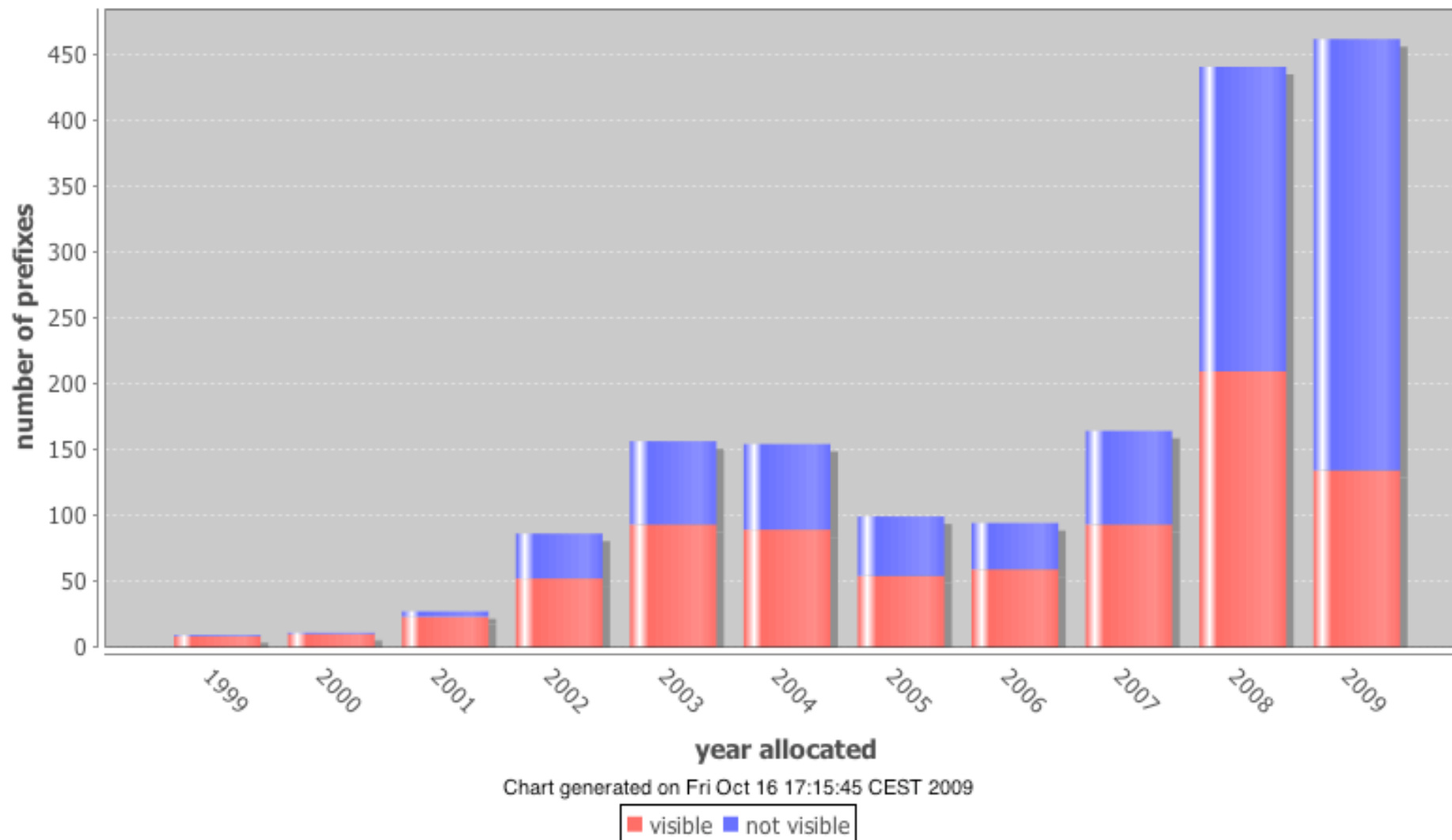


Source:
www.apnic.net

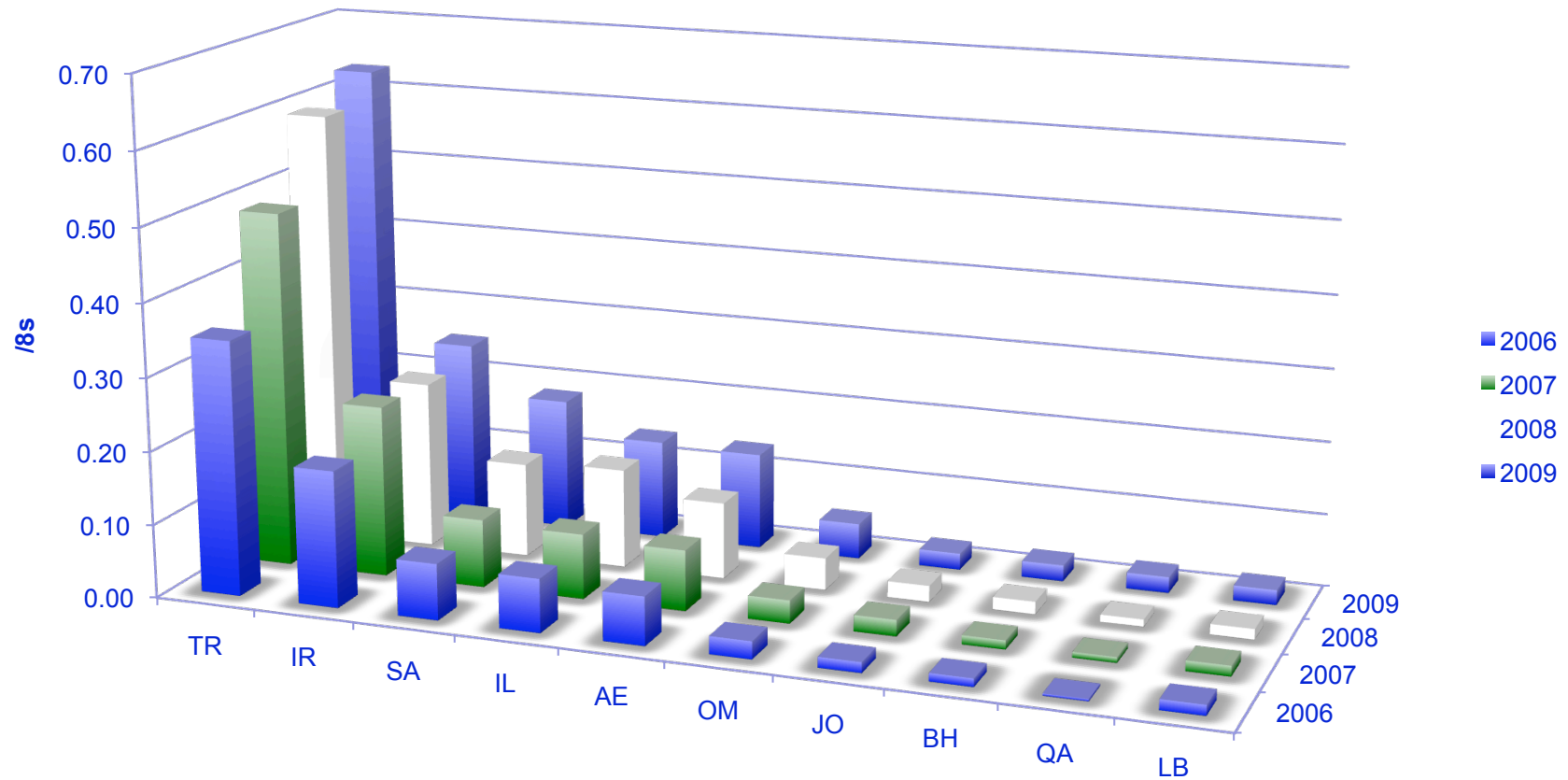


IPv6 prefix visibility in BGP

IPv6 Prefixes visible in BGP



IPv4 Trend – Regional Statistics



IPv6 Trend – Regional Statistics

