Moscow Regional Meeting

17 September 2009

Andrew de la Haye
COO - RIPE NCC

Agenda

- Policy update

- Membership statistics

- Resource statistics

- Services Center

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Overview

- **Recently Concluded**

- **Some Ongoing Discussions**

    - IPv4 Depletion

    - ASN 32

Recently Concluded

- 2008-05, Anycasting Assignments for TLDs and Tier 0/1 ENUM
  - Reached consensus in June 2009

- 2009-02, Allocating/Assigning Resources to the RIPE NCC
  - Reached consensus in July 2009

Ongoing Discussions – IPv4 Depletion

- ## How should the last /8 be used?

  - ### 2008-06, Use of final /8

    - Every LIR gets minimum allocation

    - A /16 is reserved for unforeseen circumstances

  - ### 2009-04, IPv4 Allocation and Assignments to Facilitate IPv6 Deployment

    - Minimum allocation and assignment size = /27

    - Only IPv6 deployers receives space from the last /8

  - ### Competing proposals

Ongoing Discussions – IPv4 Depletion

- 2009-03, Run out Fairly

  - Gradually reduce the allocation and assignment periods

  - Follows expected life time of the IPv4 unallocated pool

  - Avoiding a very large address space user to receive a huge allocation that pre-empts a lot of requests from smaller users

ASN 32

- 2009-07, IANA Policy for Allocation of ASNs to RIRs

  - ASN 32 uptake is slower than expected

  - IANA still has 16 bit ASNs but will "cease making distinction" between pools by January 2010

  - Potential risk for RIRs not to qualify for ASN16 bits after January 2010 under current policy

    - Inducing LIRs not to receive 16 bit ASNs

  - **Global** Proposal to shift the date to "cease making distinction" between pools to January 2011

Stay aware

- ## Current Proposals

  - http://www.ripe.net/ripe/policies/proposals/index.html

- ## Archived Proposal

  - http://www.ripe.net/ripe/policies/proposals/archive/

- ## Subscribe to

  - ### Address Policy WG Mailing list

    - http://www.ripe.net/mailman/listinfo/address-policy-wg#subscribers

  - ### Policy Announce Mailing List

    - http://www.ripe.net/mailman/listinfo/policy-announce#subscribers

- ## And participate!

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- 32-bit AS Numbers

- Services Center

Membership development 2001 – Sept 2009

6,388

12M Growth rate

No of regs
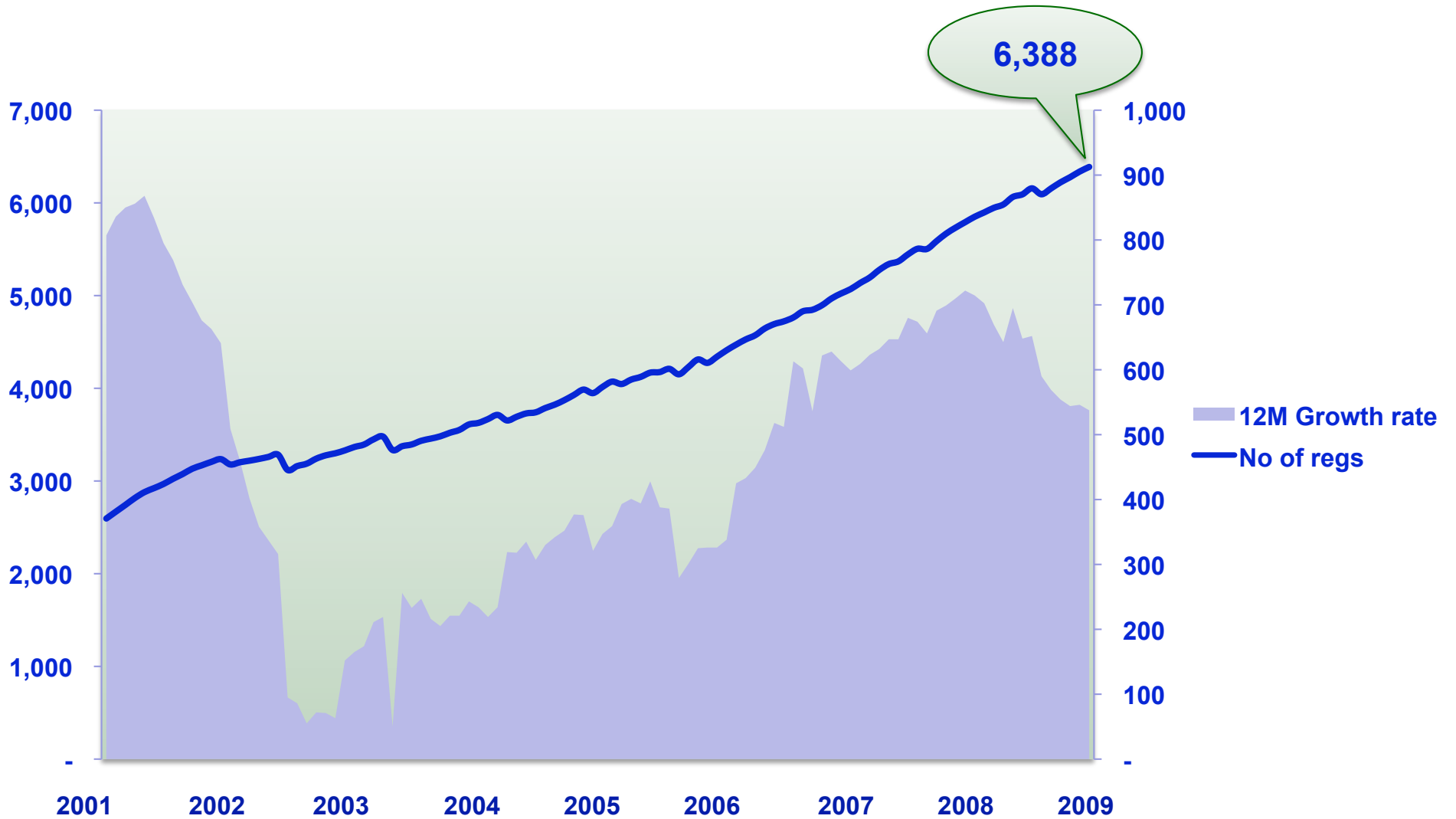
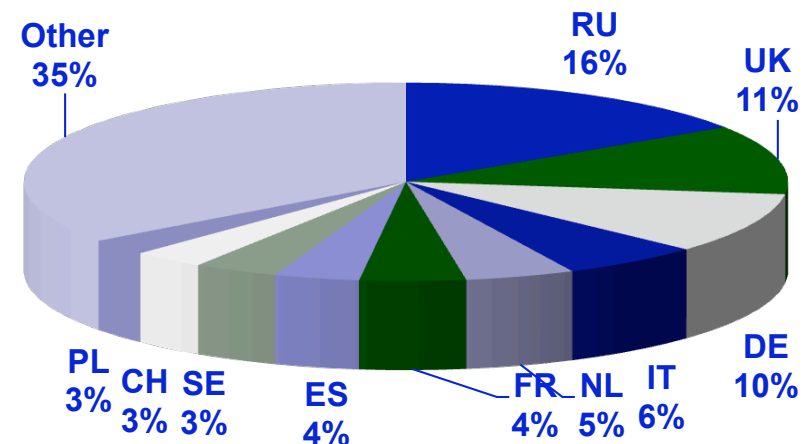# Top 5 countries 2001 – Aug 2009
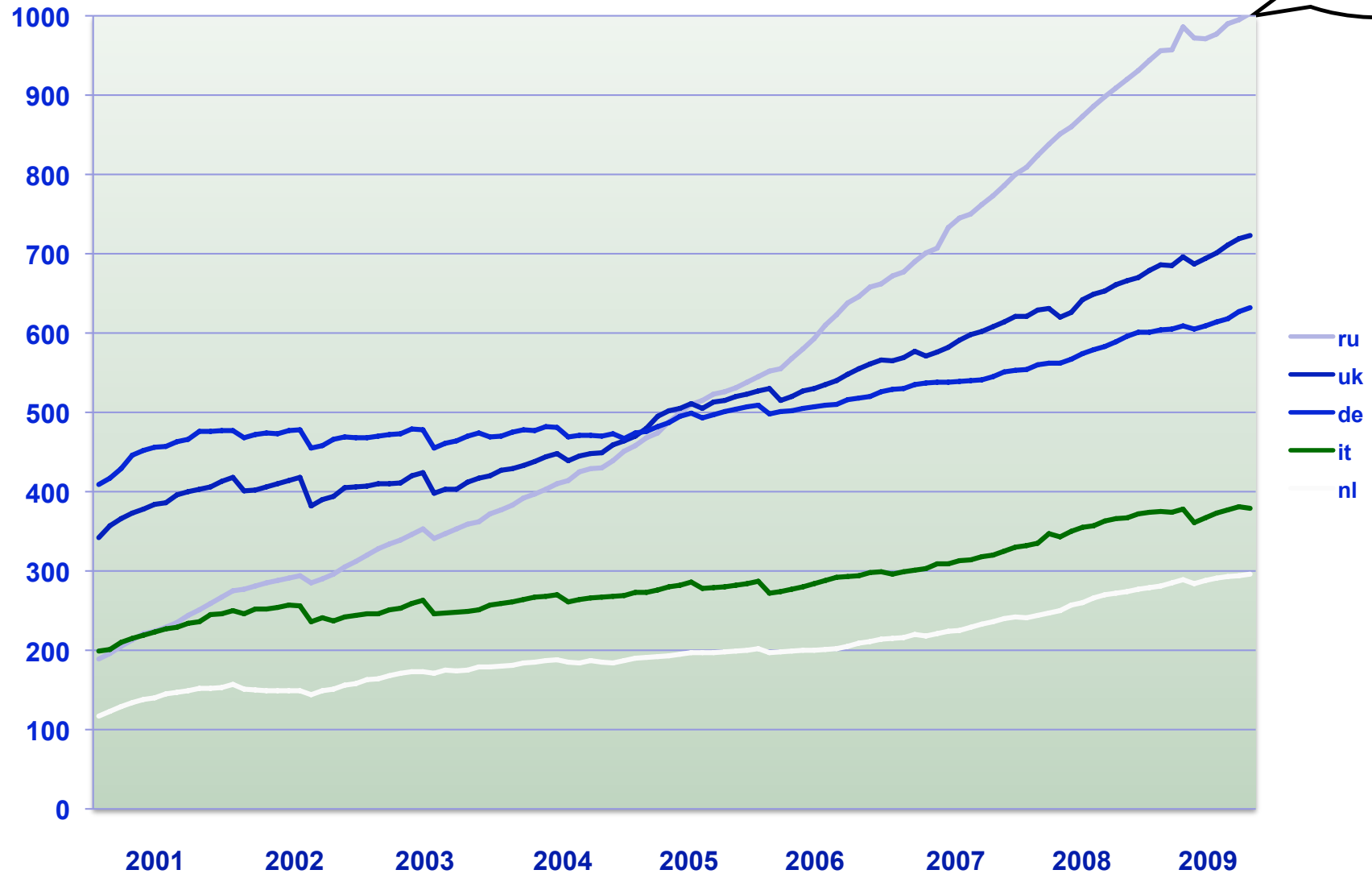
Russian member info September 2009

- Currently 1,005 RU members (2008: 909)

- RU members growth in 2009: 53 (2008: 100)

- RU applications in 2009: 86 (2008: 122)
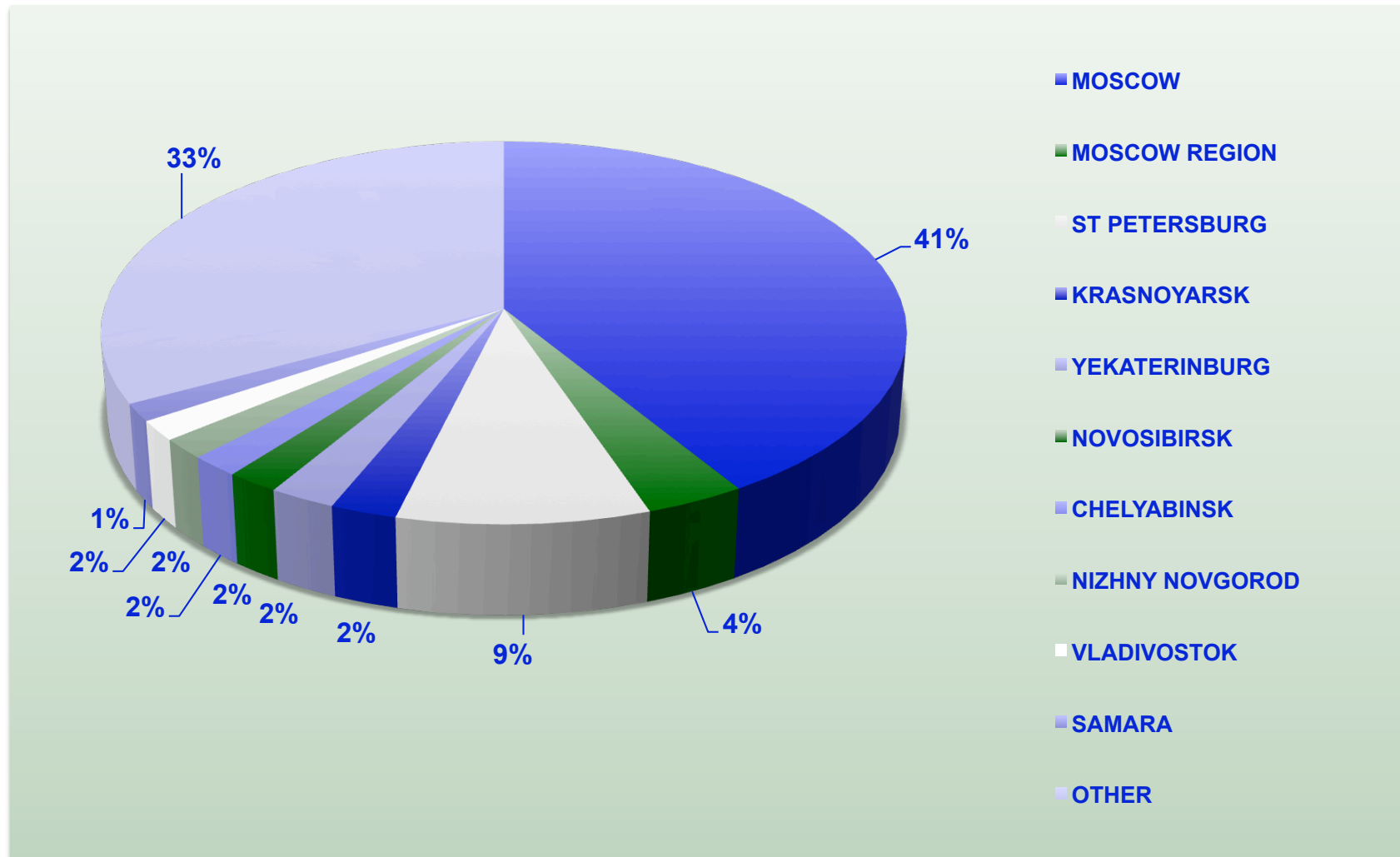
New members per country 2009

RU 13%
UK 9%
DE 8%
FR 5%
NL 5%
PL 4%
ES 4%
IT 4%
TR 4%
UA 3%
Other 41%

Members per country 2009

RU 16%
UK 11%
DE 10%
IT 6%
NL 5%
FR 4%
ES 4%
SE 3%
CH 3%
PL 3%
Other 35%
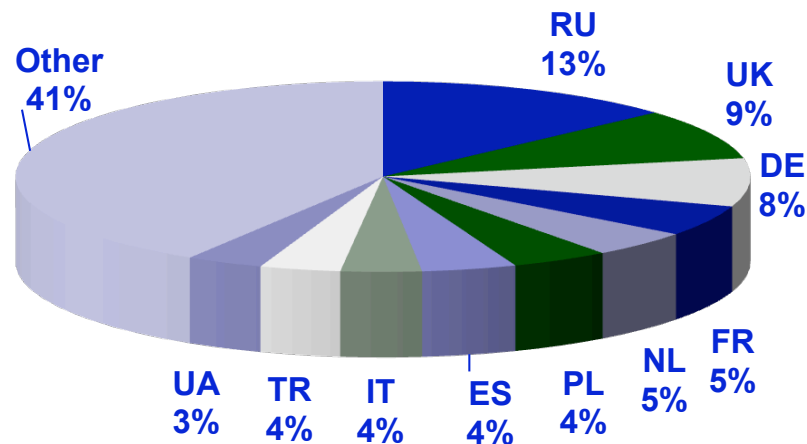
Russian member info per city 2009

Pie chart legend:
- MOSCOW
- MOSCOW REGION
- ST PETERSBURG
- KRASNOYARSK
- YEKATERINBURG
- NOVOSIBIRSK
- CHELYABINSK
- NIZHNY NOVGOROD
- VLADIVOSTOK
- SAMARA
- OTHER

Chart values: 41%, 33%, 4%, 9%, 2%, 2%, 2%, 2%, 2%, 1%

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- Services Center
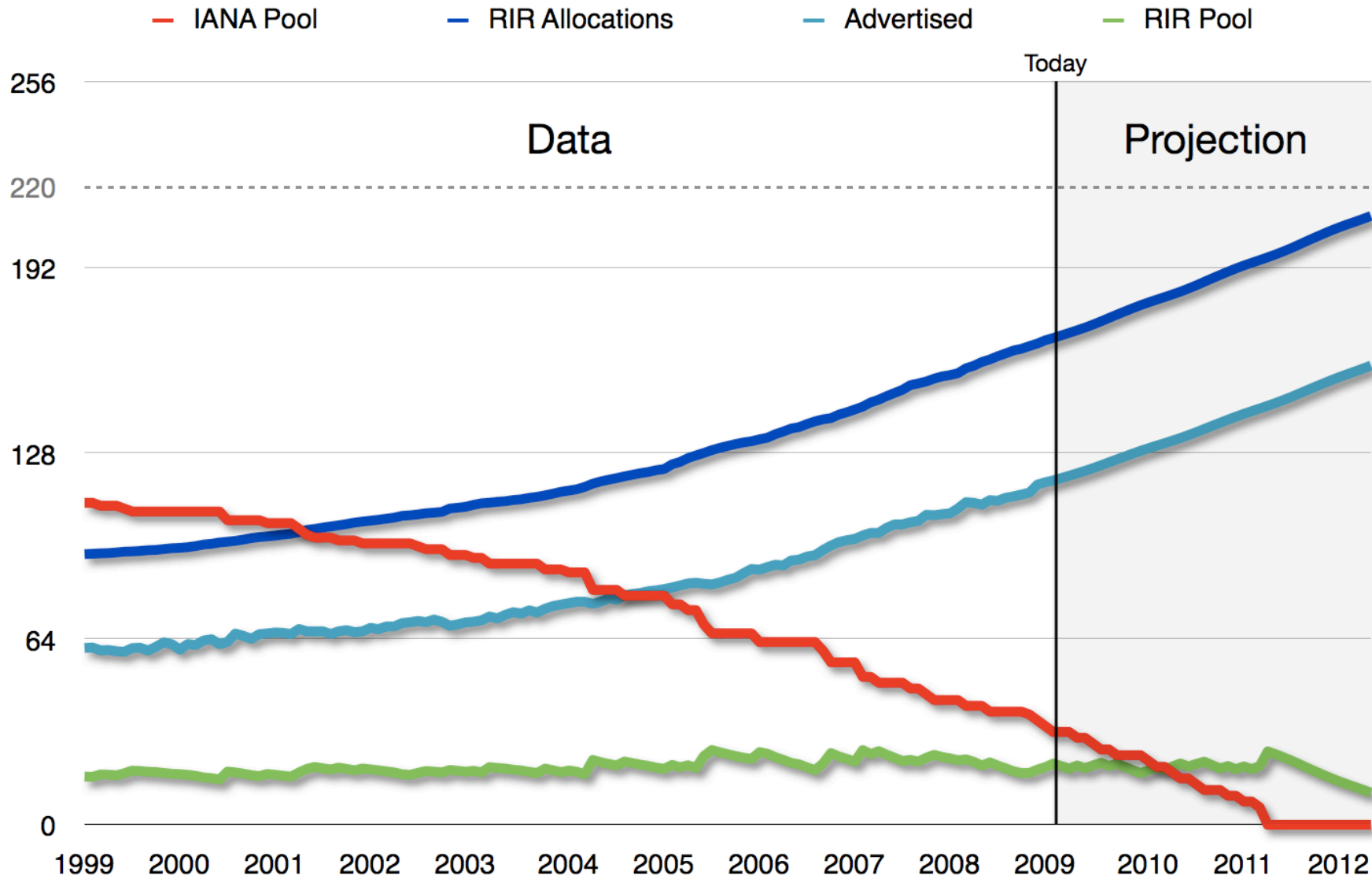
IPv4 Address Pool - June 2005

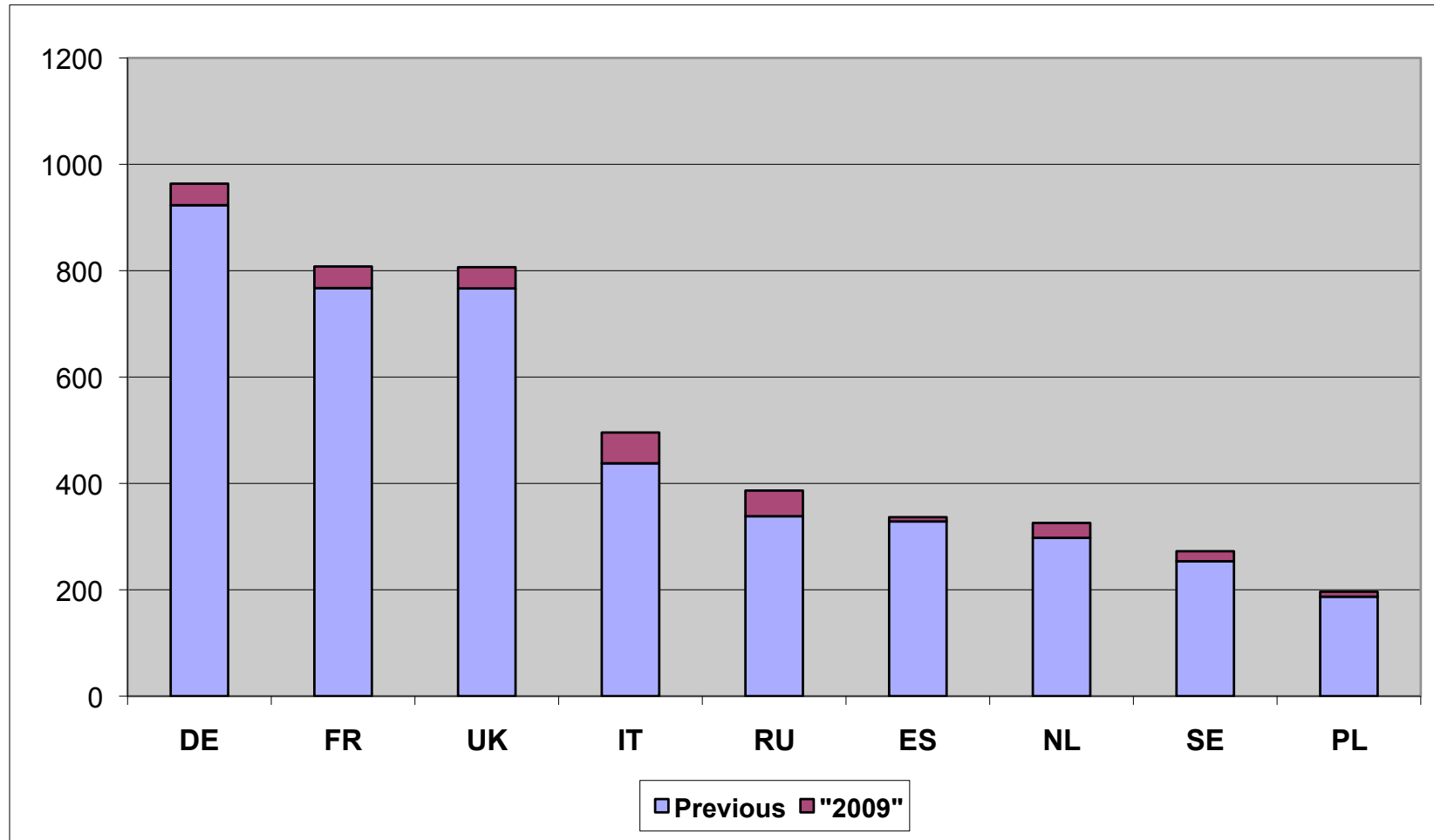**25%**

available
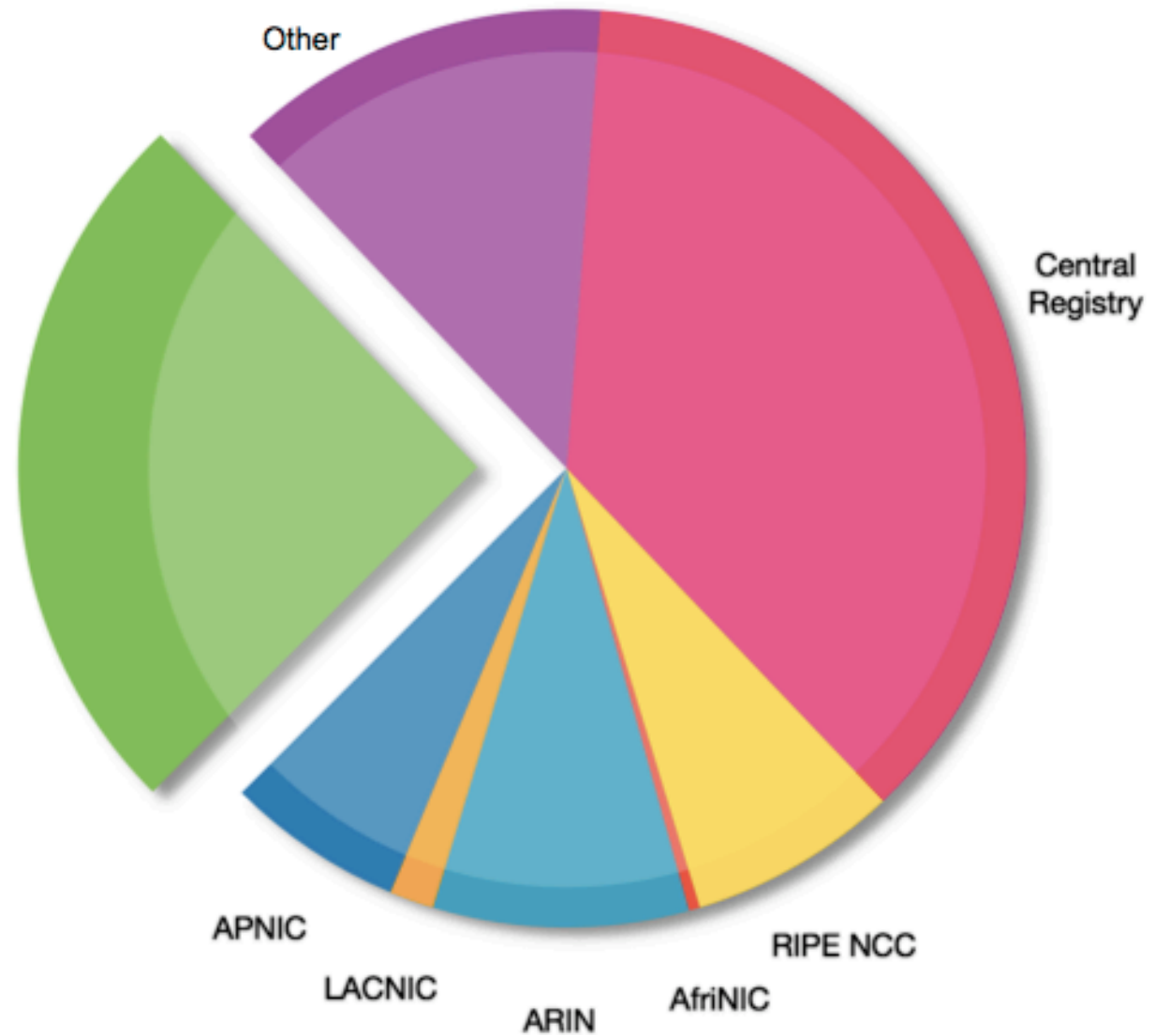
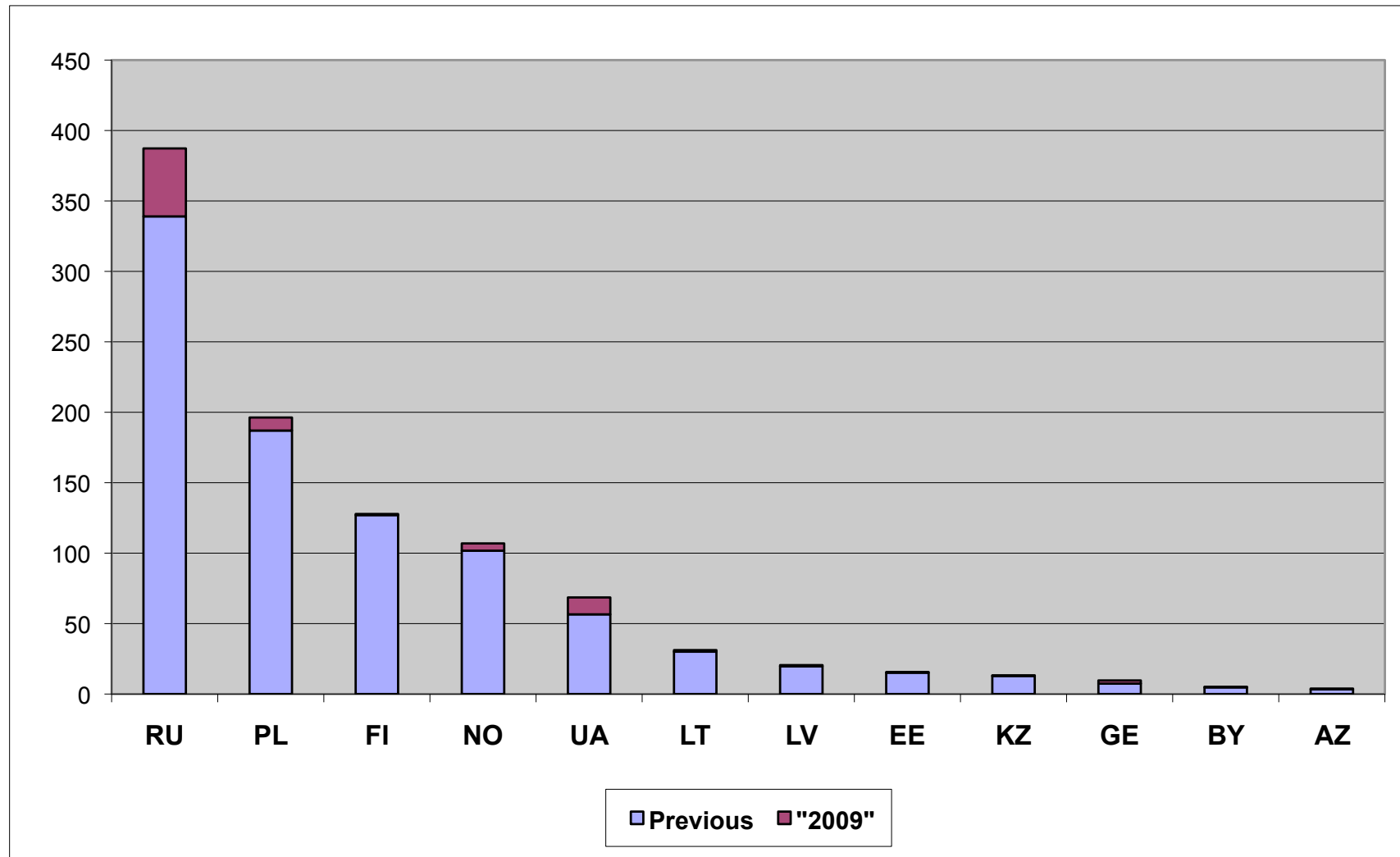# IPv4 Address Pool - Now

11%
available
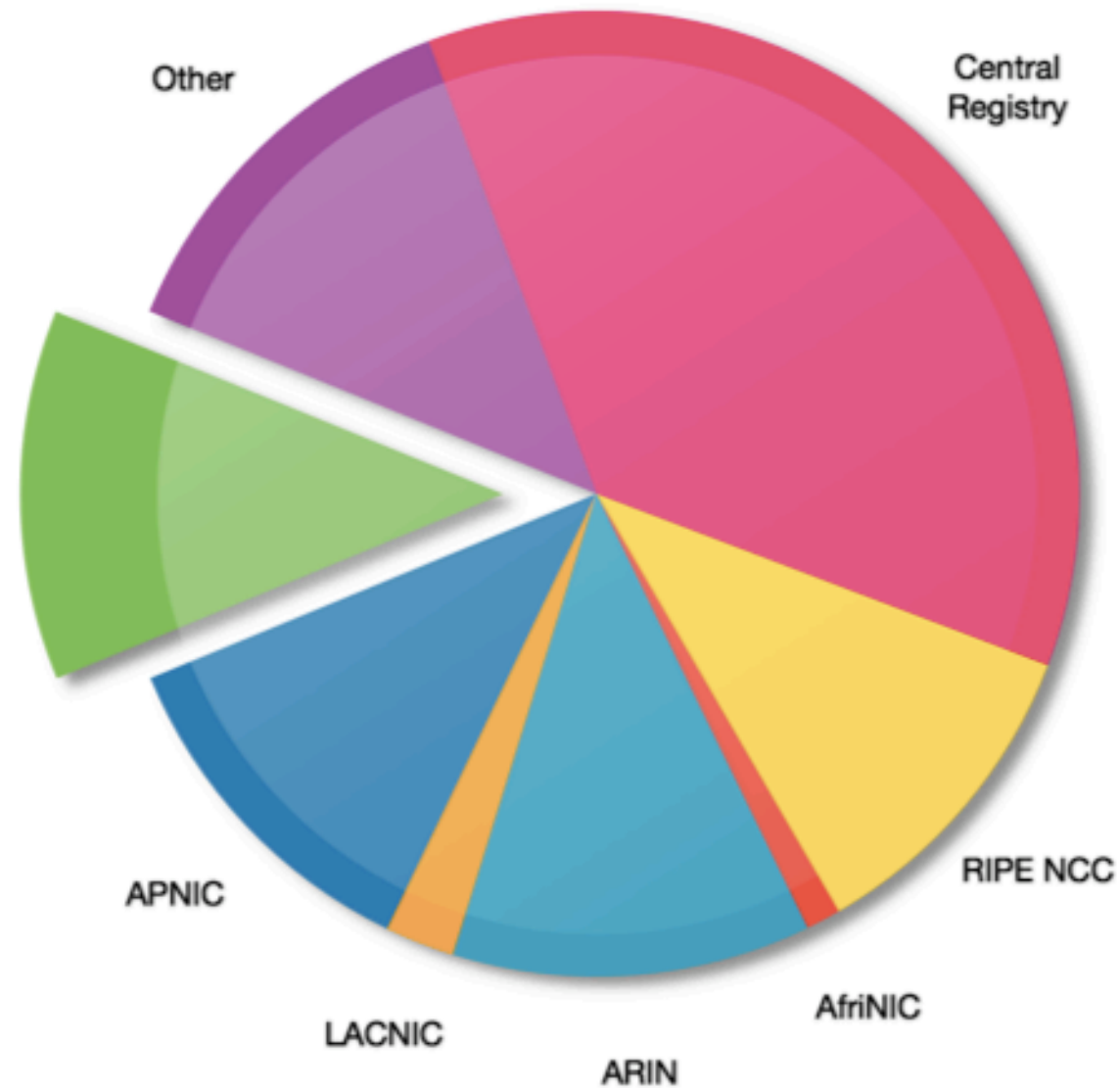
Runout date

IPv4 Address space per country

Counted in /16s

IPv4 – Regional statistics

Counted in /16s

IPv6 – Allocations per month

IPv6 Allocations per month
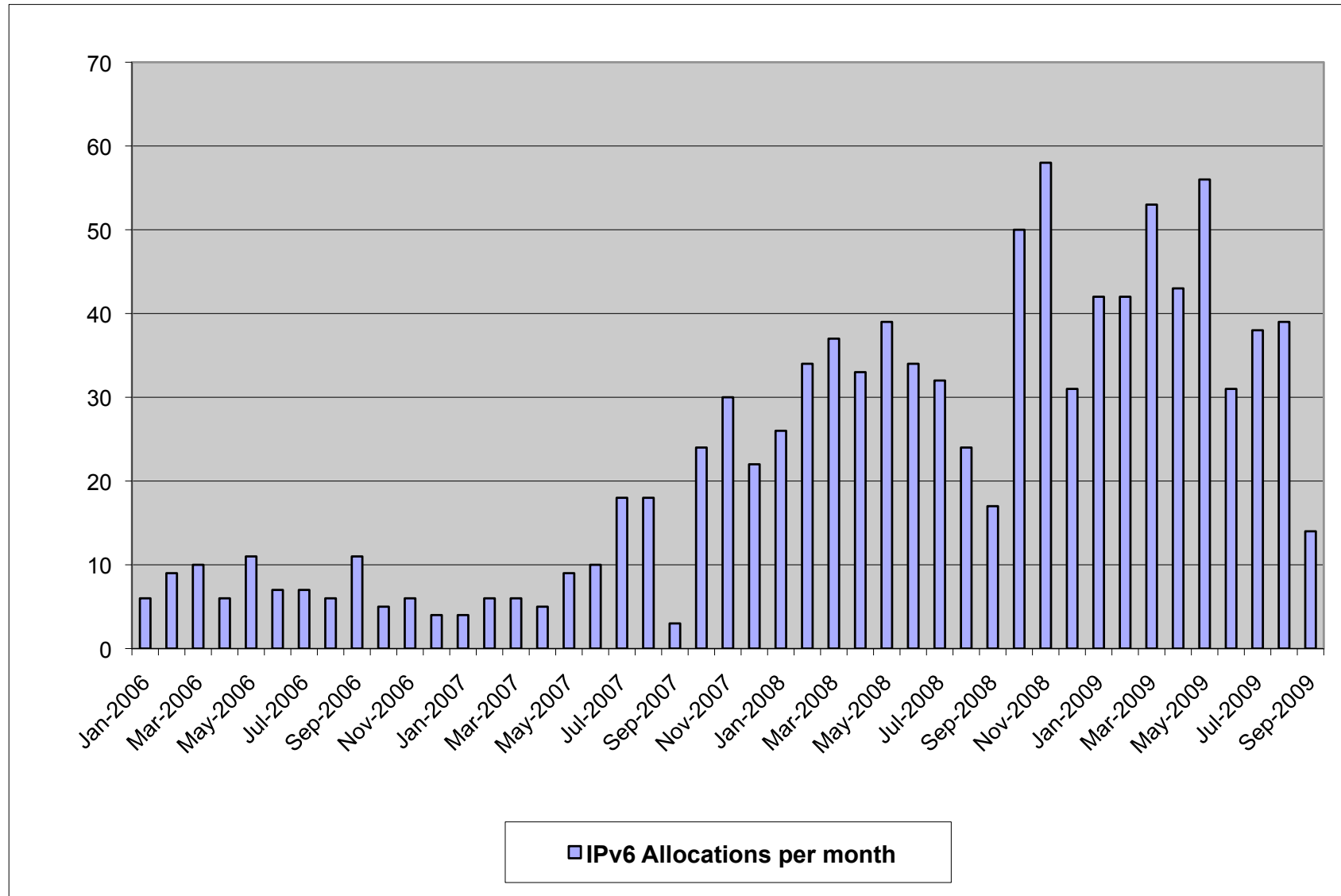
IPv6 prefix visibility in BGP
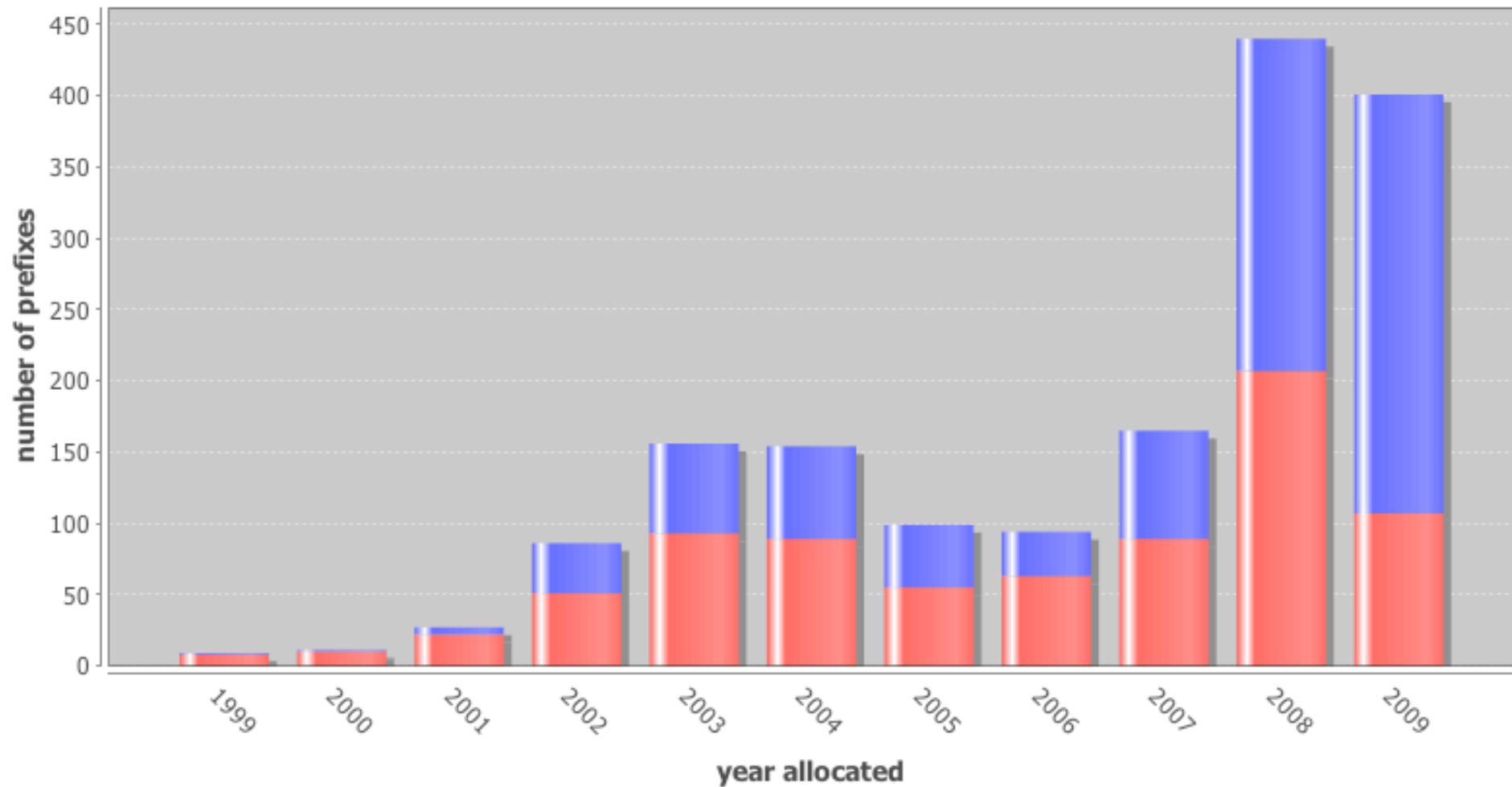
IPv6 Allocations per country
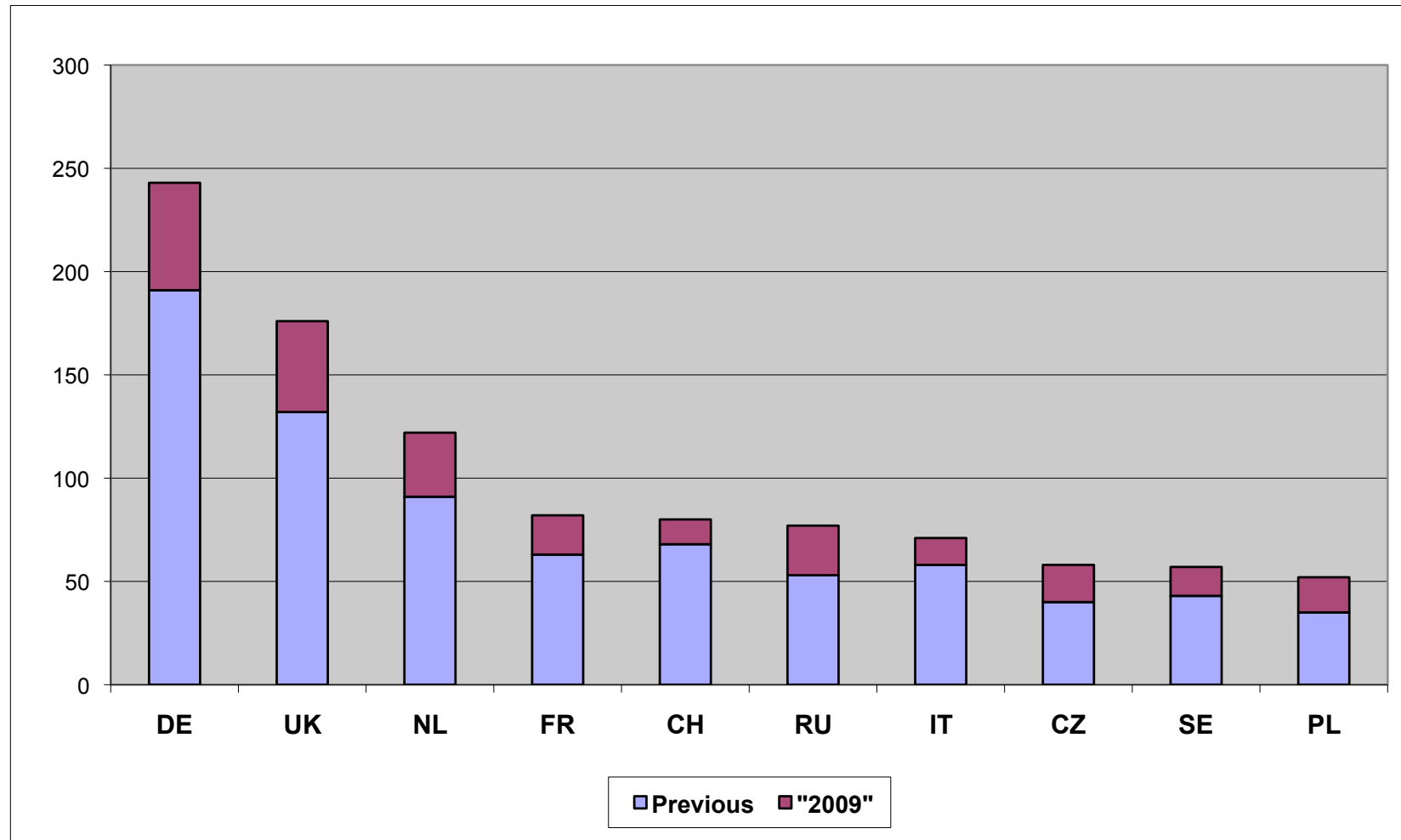
Number of allocations shown

IPv6 – Regional Statistics

Previous vs. 2009
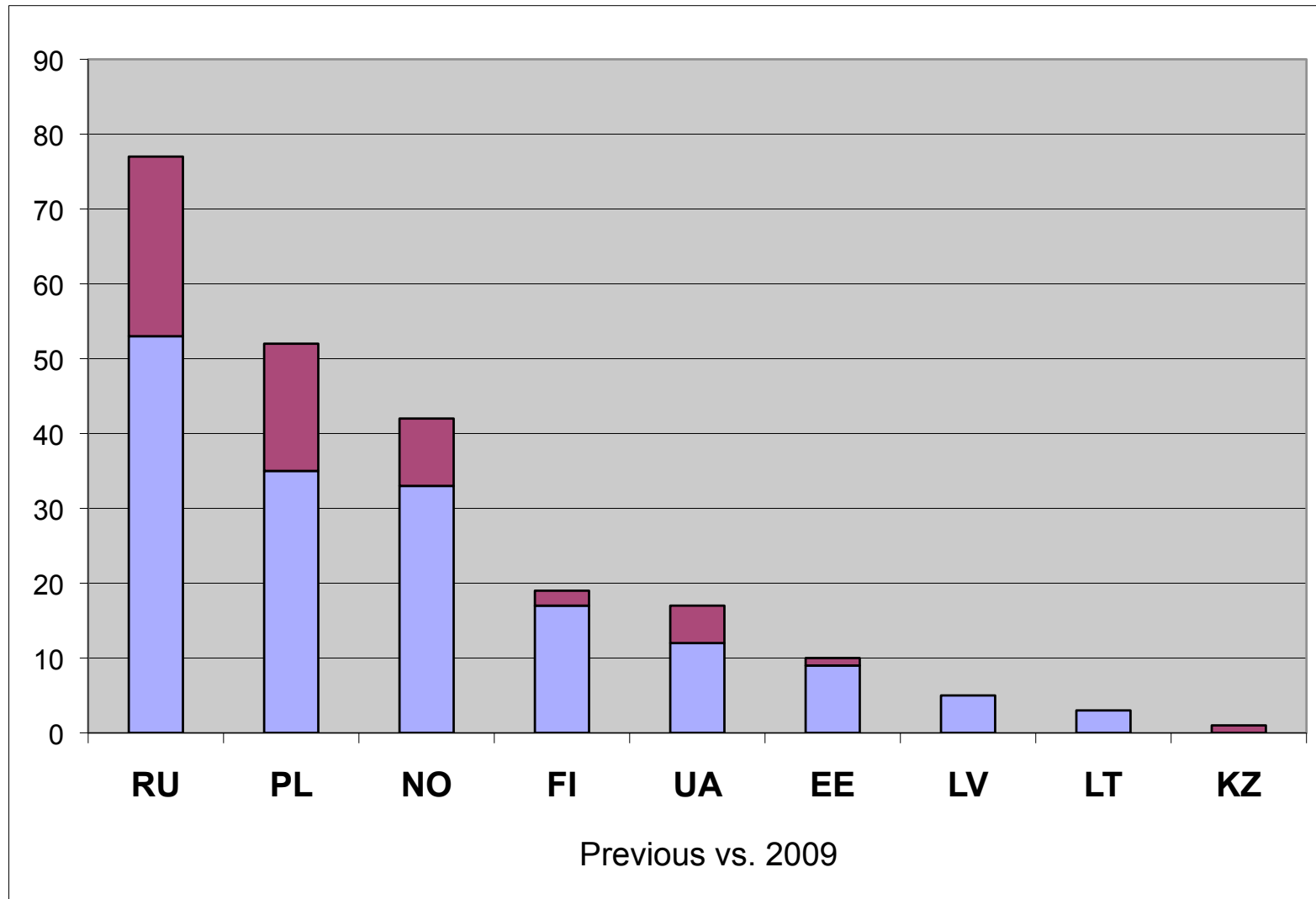
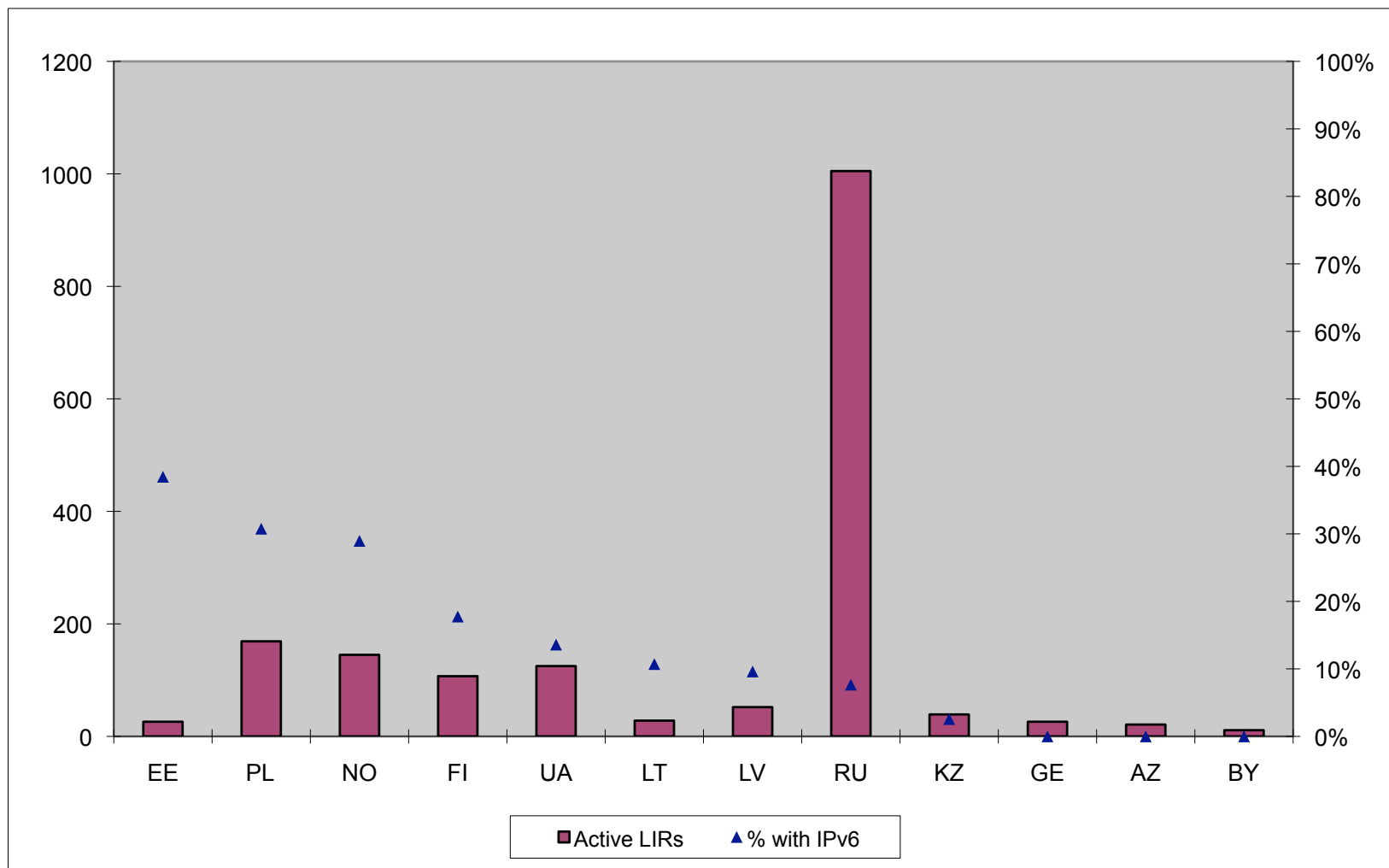**Number of allocations shown**

IPv6 - Regional Statistics

% of LIRs with an IPv6 allocation

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Service Center

- ## Arne Kiessling   IP related questions

- ## Henriette van Ingen   2007-01 questions

  Billing related questions

  General questions

Questions