Resource Statistics

Muscat, 25 September - 4 October 2011

RIPE
NCC

Agenda

- Membership Statistics

- Resource Statistics

- Services Centre
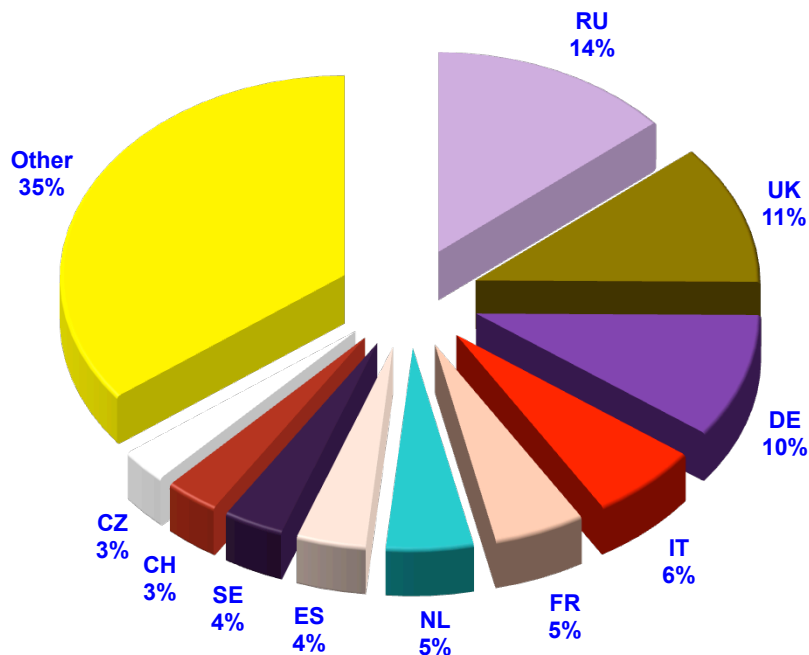
Agenda

- **Membership Statistics**
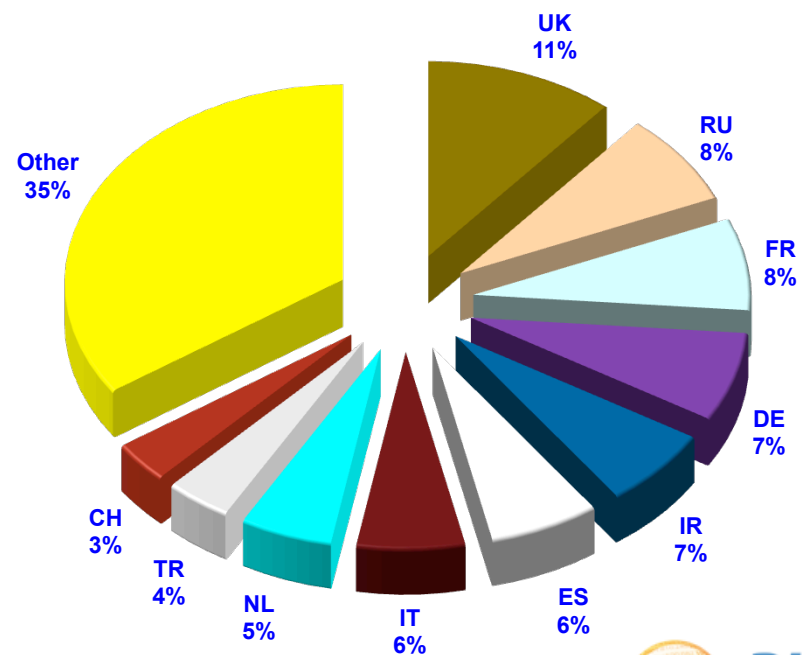
- Resource Statistics

- Services Centre

RIPE NCC member information

- Currently 7,606 members in RIPE NCC service region (as of August 2011)

- New applications: 439 in 2011 (2010: 776)
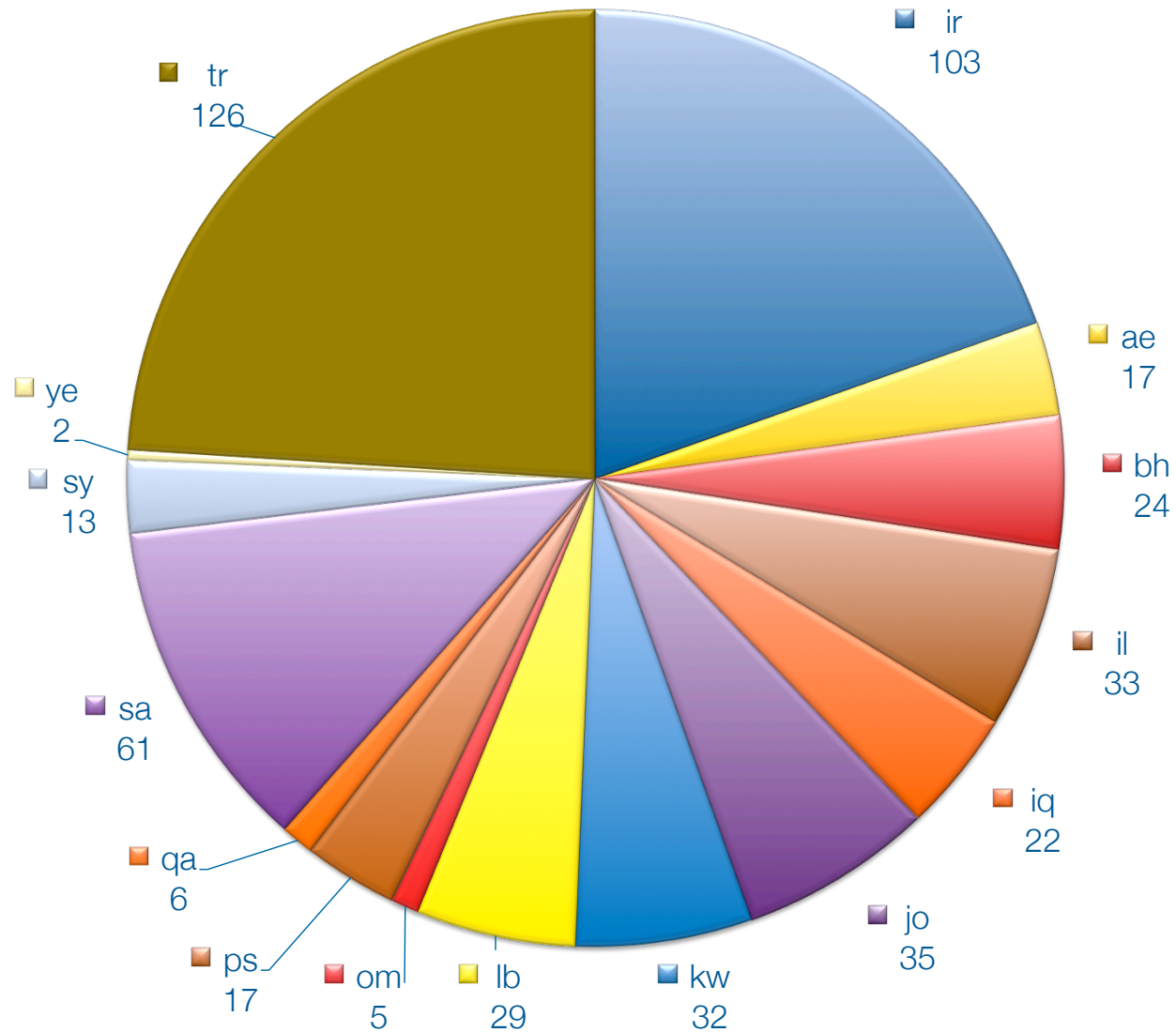
Total members per country 2011
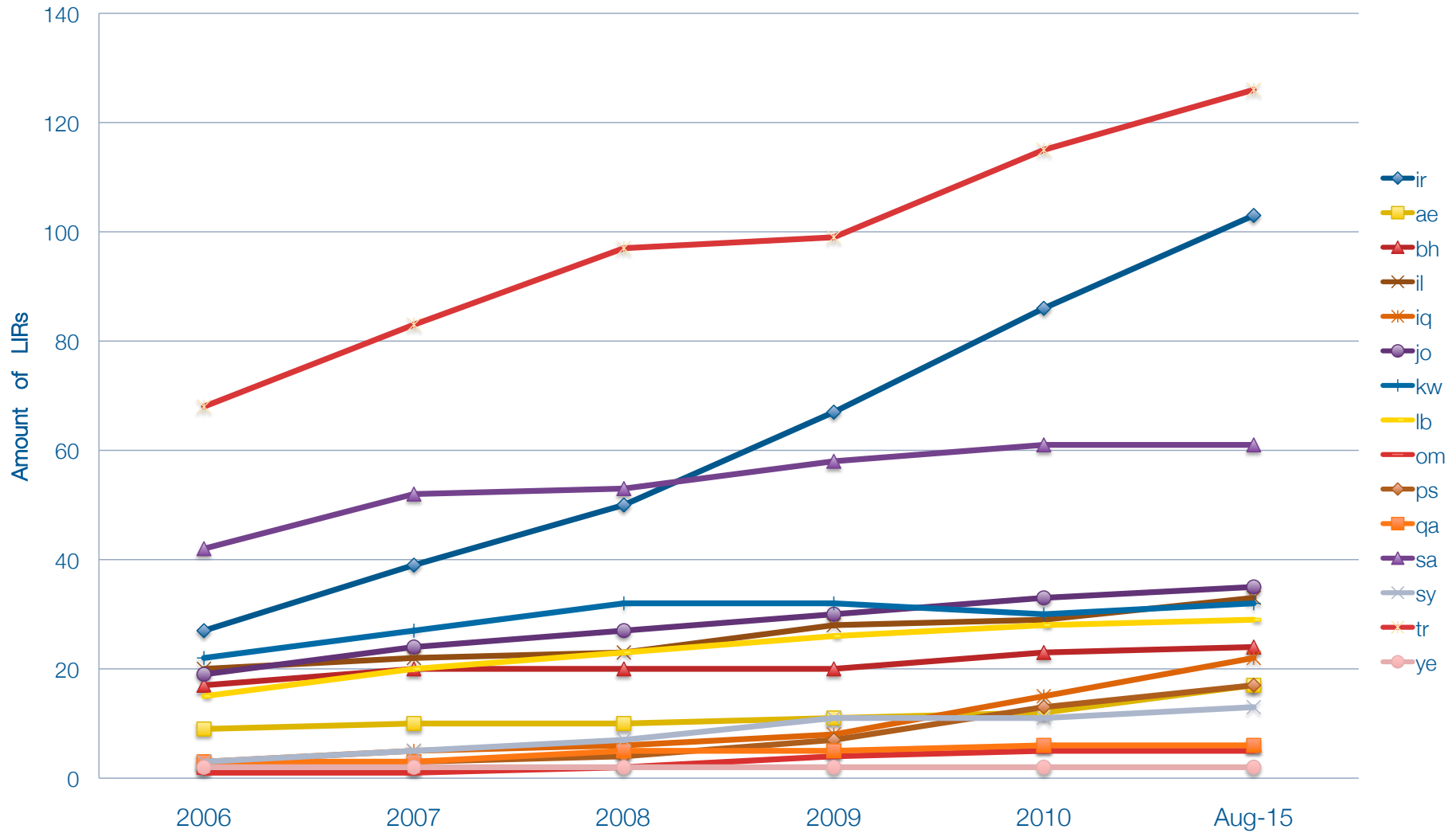
Applications per country 2011

Middle East member information 2011

- Currently 525 members in the Middle East region

  (as of August 2011)

- New applications: 131 in 2011 (2010: 137)
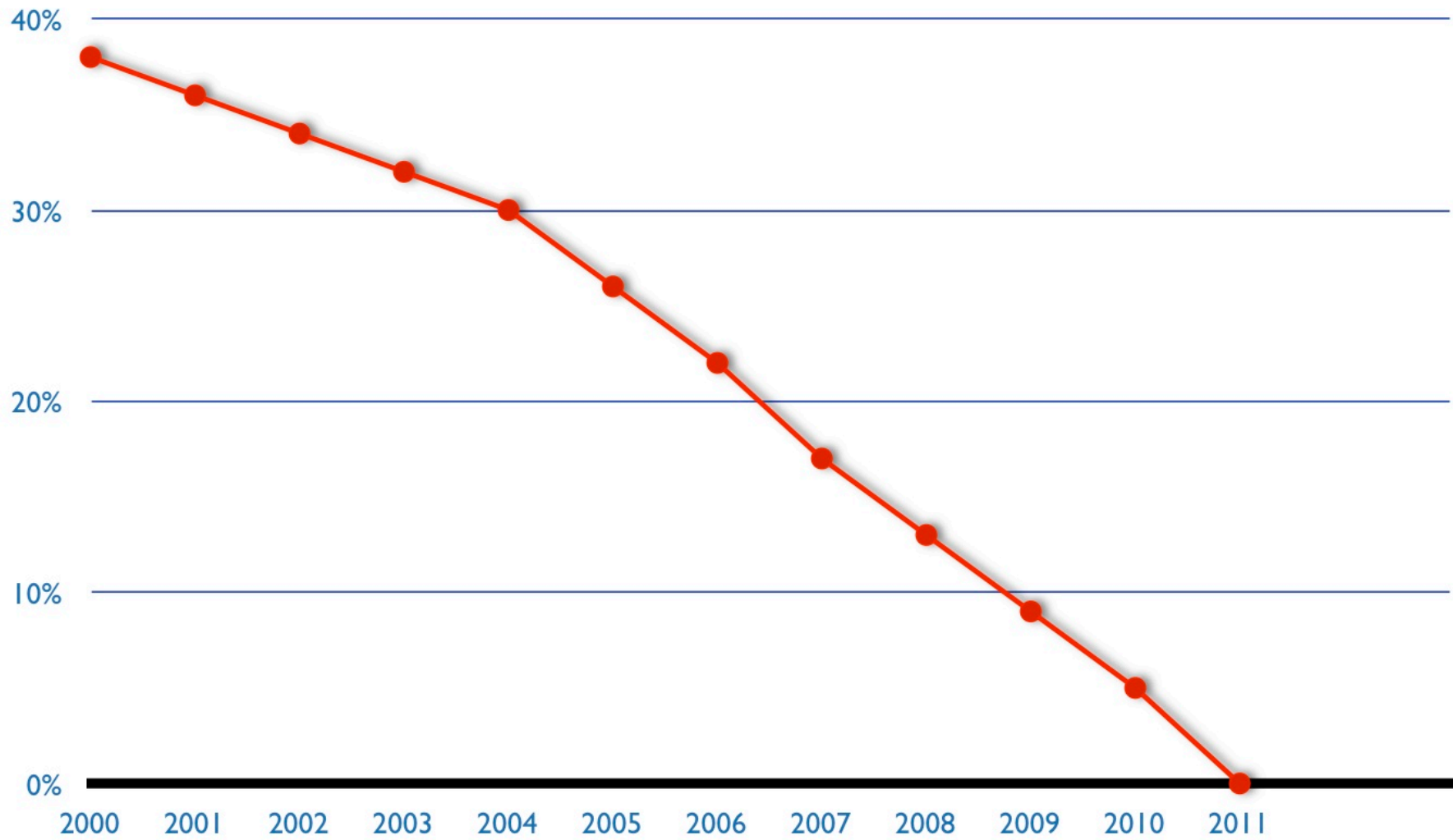
Middle East member information 2011

ir 103
ae 17
bh 24
il 33
iq 22
jo 35
kw 32
lb 29
om 5
ps 17
qa 6
sa 61
sy 13
ye 2
tr 126

RIPE NCC

6

Historic development 2006–2011

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IANA pool exhaustion

IPv4 Address Pool – NOW

Millions of IPv4 Addresses Available

Chart data (Millions of IPv4 Addresses Available):
- Jul 11: 68.91
- Jul 18: 67.97
- Jul 25: 67.58
- Aug 1: 67.19
- Aug 8: 67.32
- Aug 15: 67.12
- Aug 22: 66.64
- Aug 29: 66.51
- Sep 5: 66.27
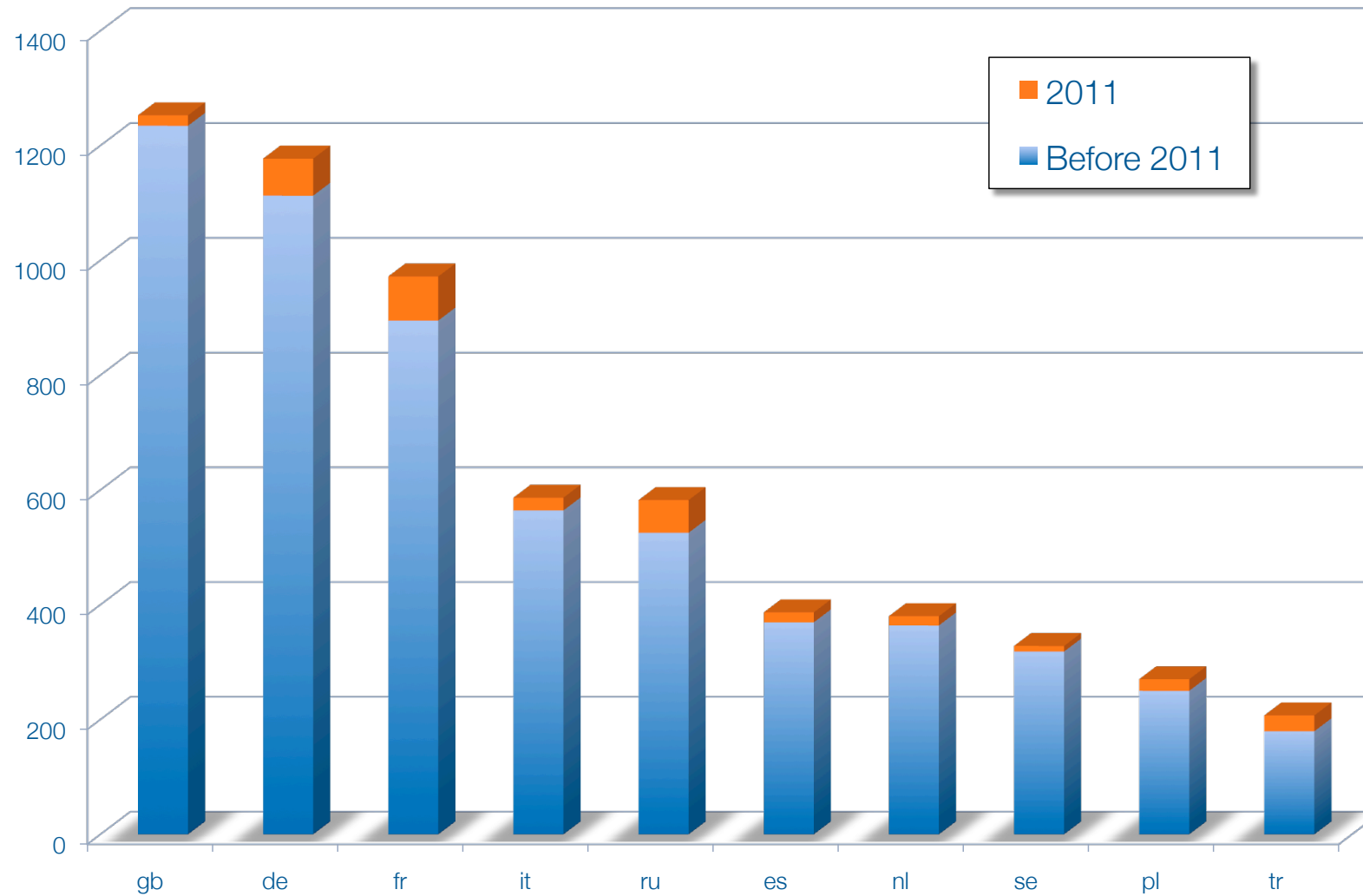- Sep 12: 66.04
- Sep 19: 65.76
- Sep 26: 65.38

Run Out Fairly (of IPv4)

- Gradually reduced allocation / assignment periods
- Needs for "Entire Period" of up to...
    - 12 months (January 2010)
    - 9 months (July 2010)
    - 6 months (January 2011)
    - **3 months (July 2011)**
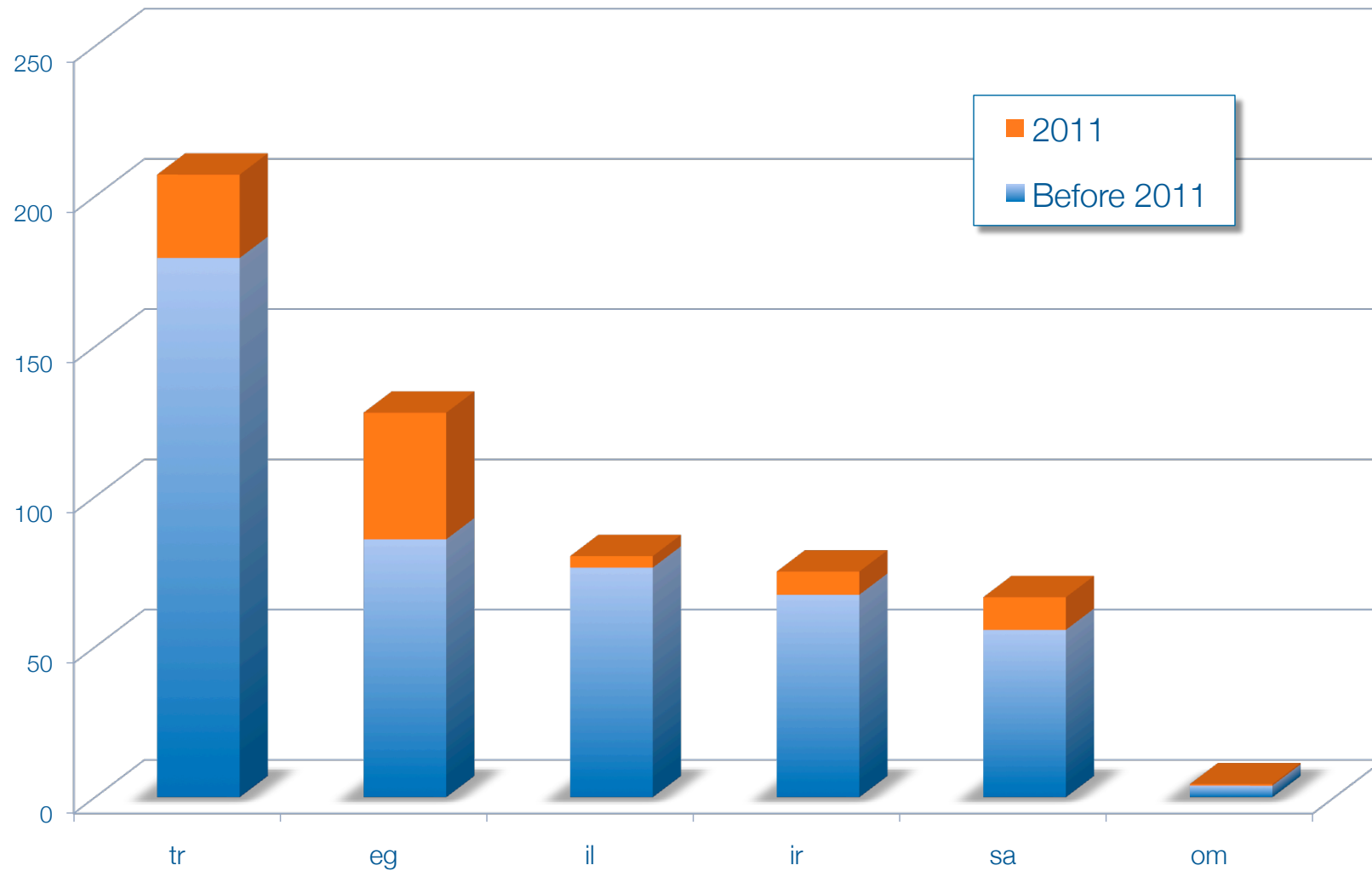
- 50% has to be used up by half-period

Results:

- Assignment sizes became smaller

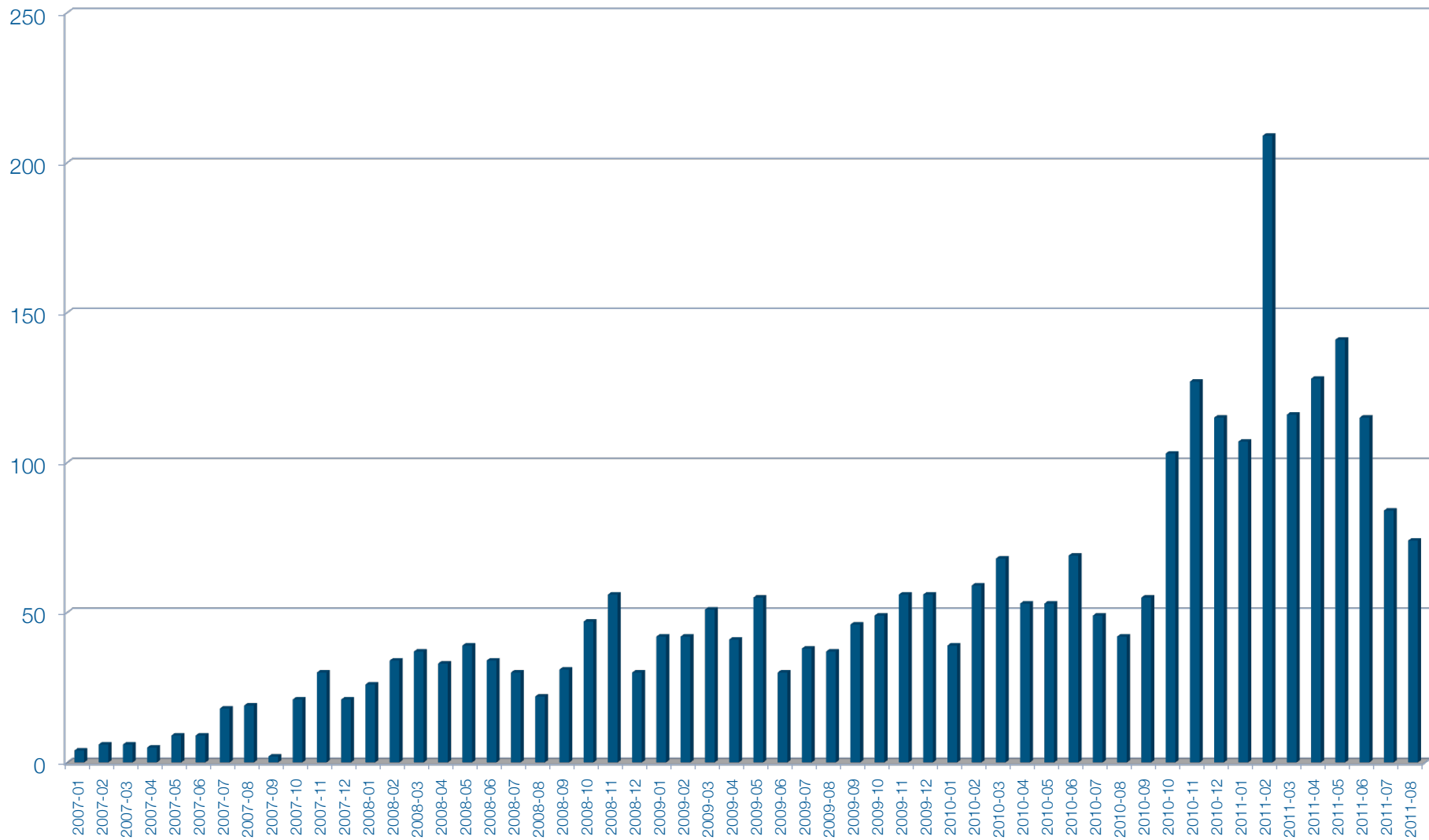- Assignment requests are being made more frequently

IPv4 Address space per country
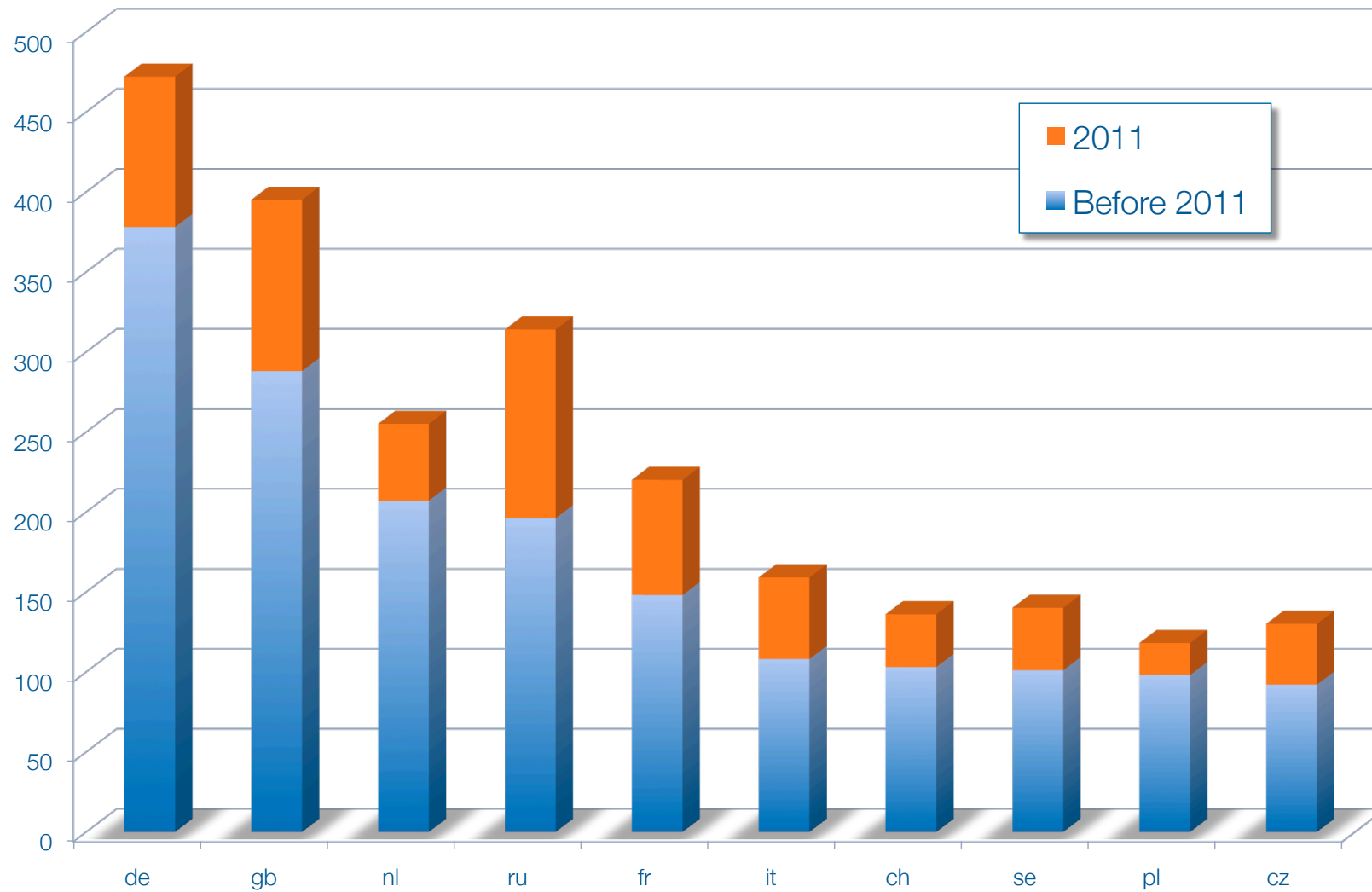

Counted in /16s

IPv4 – Regional statistics

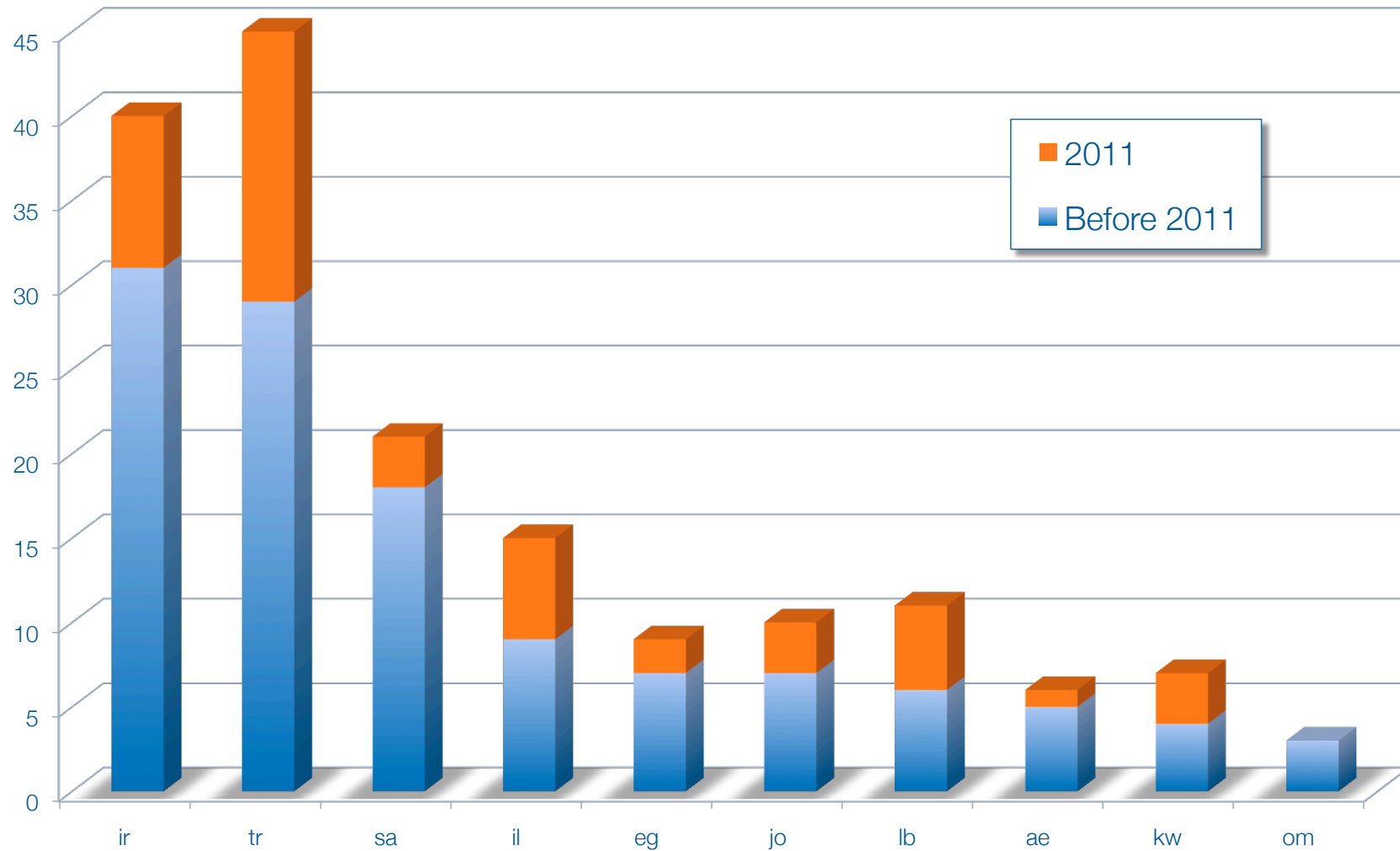Counted in /16s

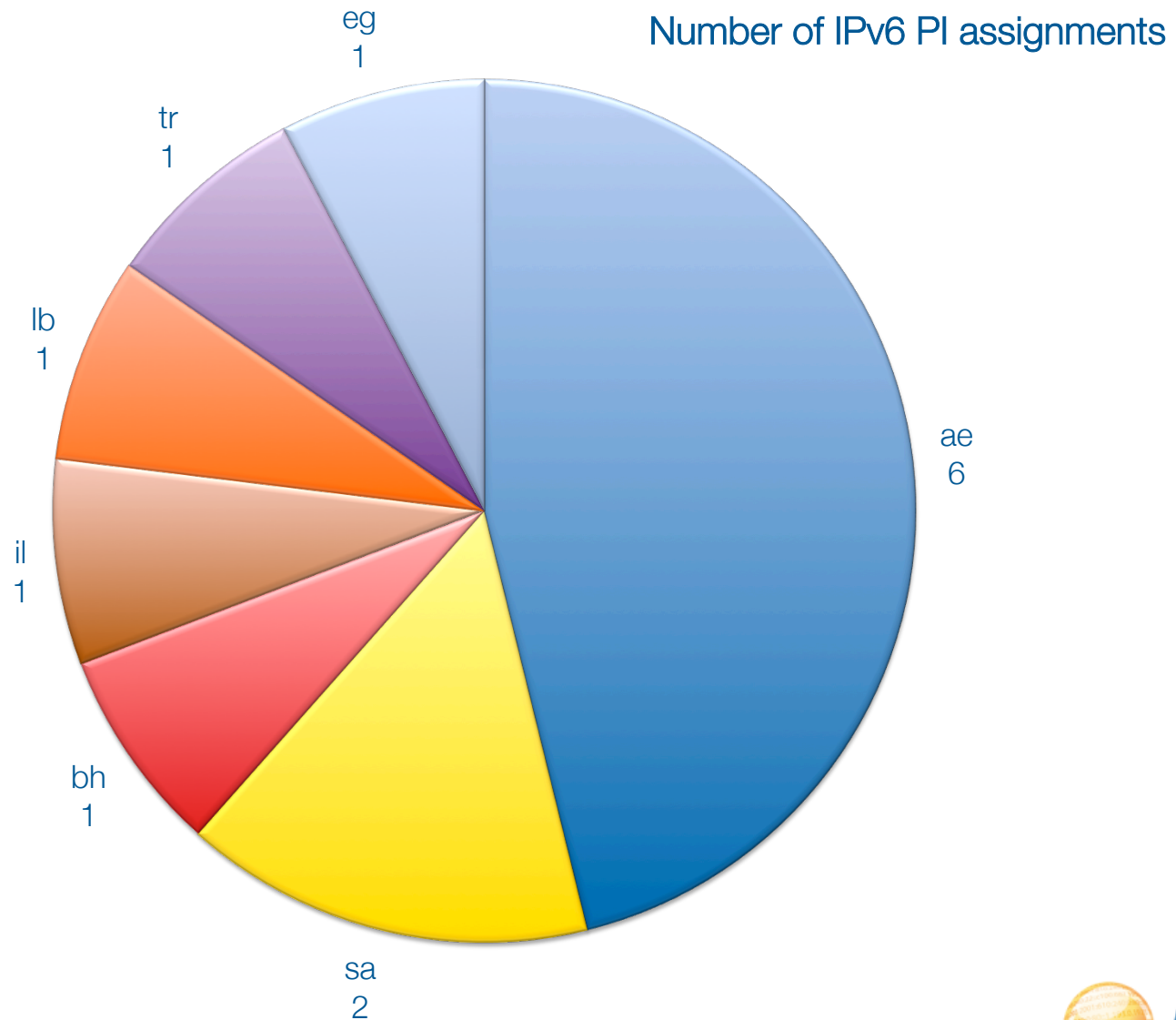# IPv6 – Allocations per month

IPv6 Allocations per country

Number of allocations

IPv6 – Regional statistics

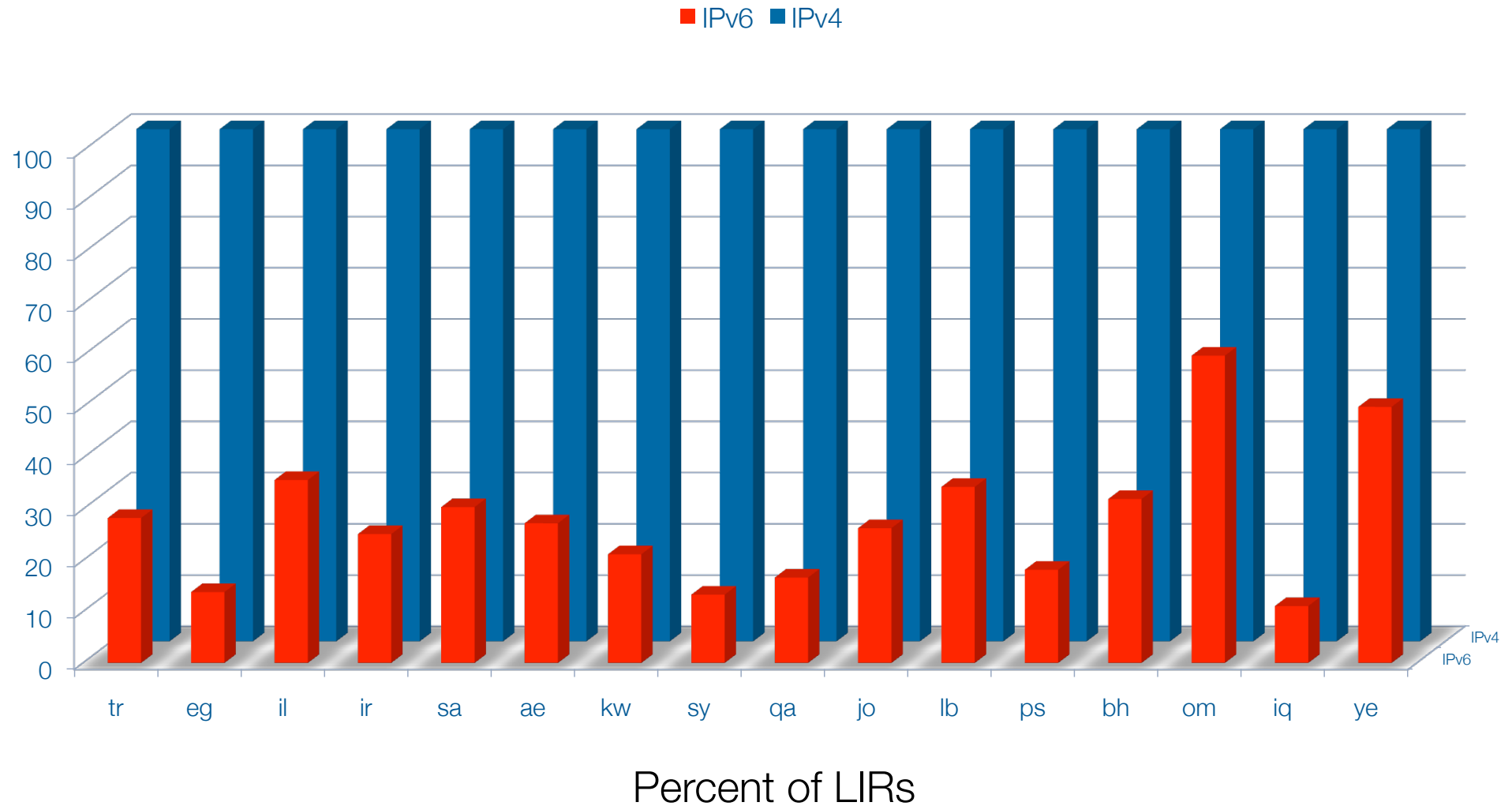Number of allocations

IPv6 PI assignments – Regional statistics

Number of IPv6 PI assignments

eg
1

tr
1

lb
1

il
1

bh
1

sa
2

ae
6

IPv4 vs IPv6 – Regional Statistics

Percent of LIRs

Average IPv6 Ripeness (Sept.'11)

0 star
55%

1 star
13%

2 stars
5%

3 stars
11%

4 stars
16%

IPv6 Ripeness – Regional statistics

Legend:
- 4 stars (red)
- 3 stars (yellow)
- 2 stars (purple)
- 1 star (orange)
- O star (blue)

Categories: bh, ir, iq, il, jo, kw, lb, om, ps, qa, sa, sy, tr, ae, ye

Summary

- IPv4 address space distribution has remained stable after the IANA pool ran out

- IPv6 deployment throughout the region is now more important than ever and clearly taking off

- Need help in filling in the IPv6 allocation request?
  – Look for me at the Services Centre!

Agenda

- Membership Statistics

- Resource Statistics

- Services Centre

Services Centre

- Gerardo Viviers (Registration Services)
  IP Resource-related questions

- Smahena Amakran (Customer Services)
  Billing & RIPE Database questions

Questions?