



## Registration Service Report

AfrinIC-3

14<sup>th</sup> December 2005,

Cairo, Egypt.

## What is Registration Services?

- AfrinIC manages, distributes and registers internet resources (according to the policies and guidelines stipulated by the community)
- RS is the interface between members and AfrinIC
- Composed of the IP Resource Analyst (hostmaster) team.
- [hostmaster@afrinic.net](mailto:hostmaster@afrinic.net) - interface between members and RS.
- Member requests ticketized (according to date received).
- Response time – 48hrs max.
- Requests are evaluated **only** according to policies set by the community!

Policy documents are at: <http://www.afrinic.net/documents.htm>

## ***Active Policies:***

- IPv4 Allocation & Assignment policy
- Autonomous Number Assignment Policy
- IPv6 Allocation and Assignment

## ***Draft Policies (Under Discussion):***

- Direct Assignments to End-User Organisations
- Temporary Address Assignments (experiments)
- Changes to the criteria for ASN assignments
- Global policy for IPv6 Allocations from IANA to RIRs

## ***How to propose new policy/changes to current policy:***

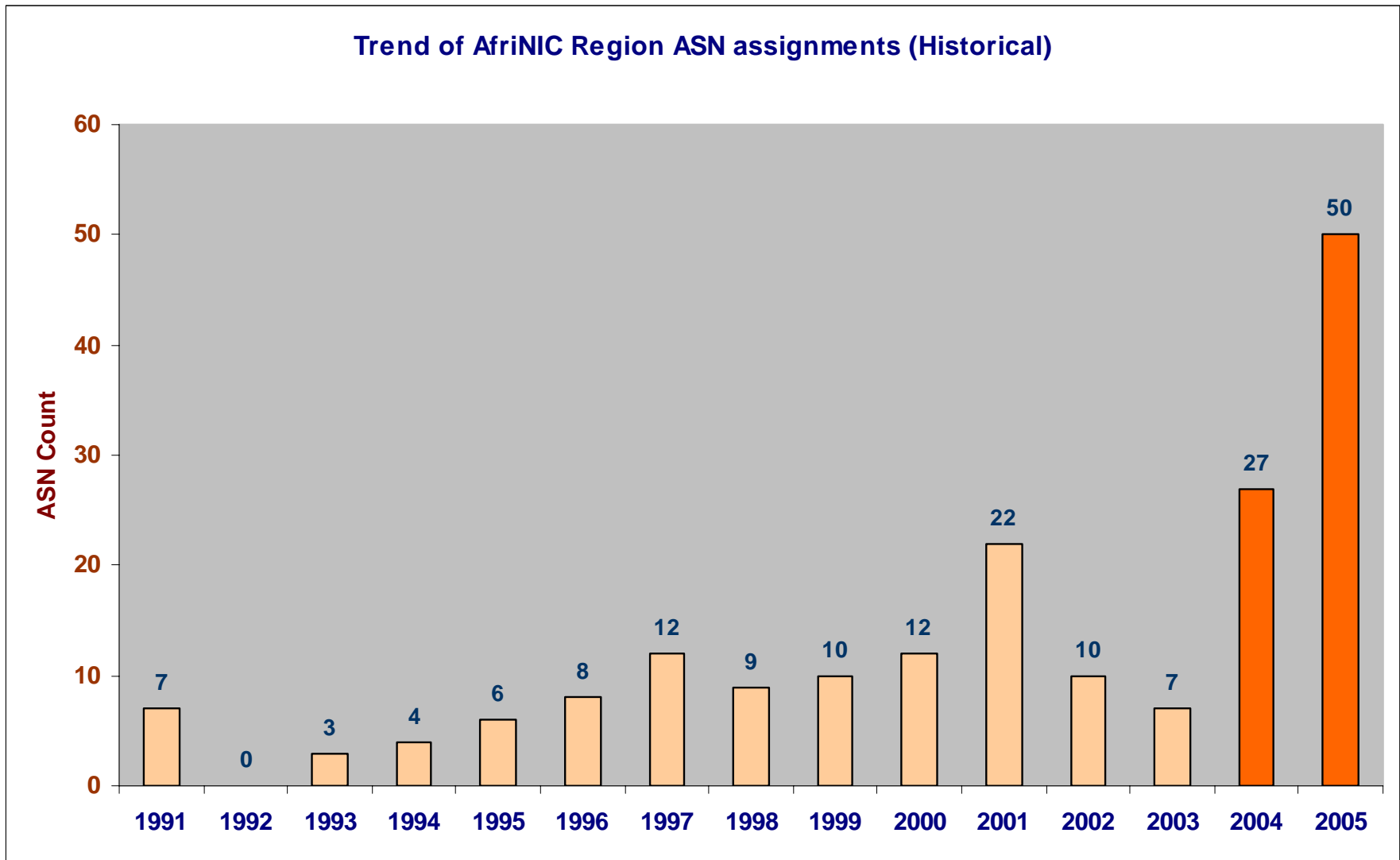
*Follow the AfrinIC policy development process documented at:*



*<http://www.afrinic.net/pdp.htm>*

*Become part of the AfrinIC policy working group*

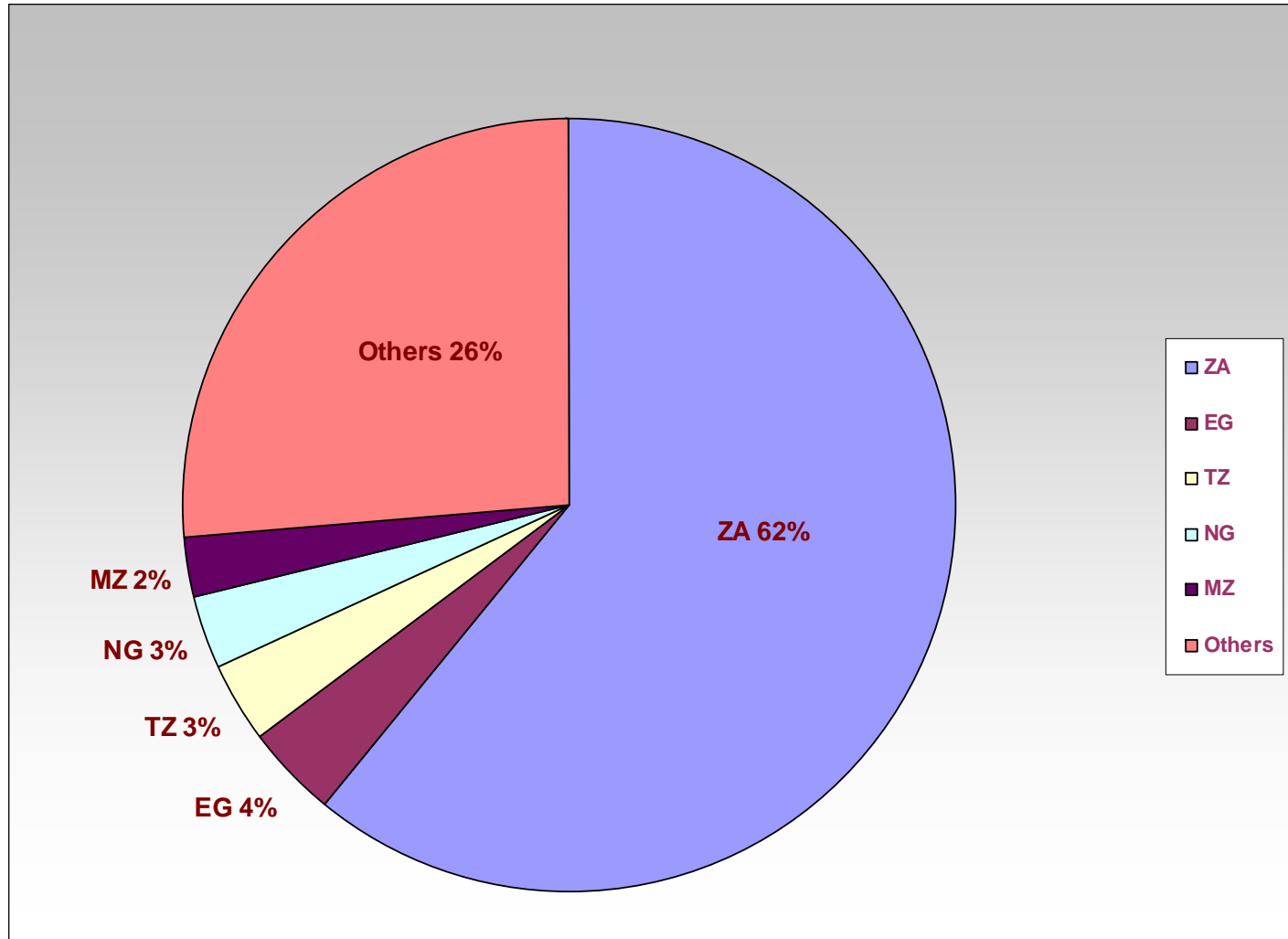
*Subscribe to the policy working group list ([policy-wg@afinic.net](mailto:policy-wg@afinic.net))*

*- by sending blank mail to [policy-wg-request@afinic.net](mailto:policy-wg-request@afinic.net) with  
subject: **subscribe***

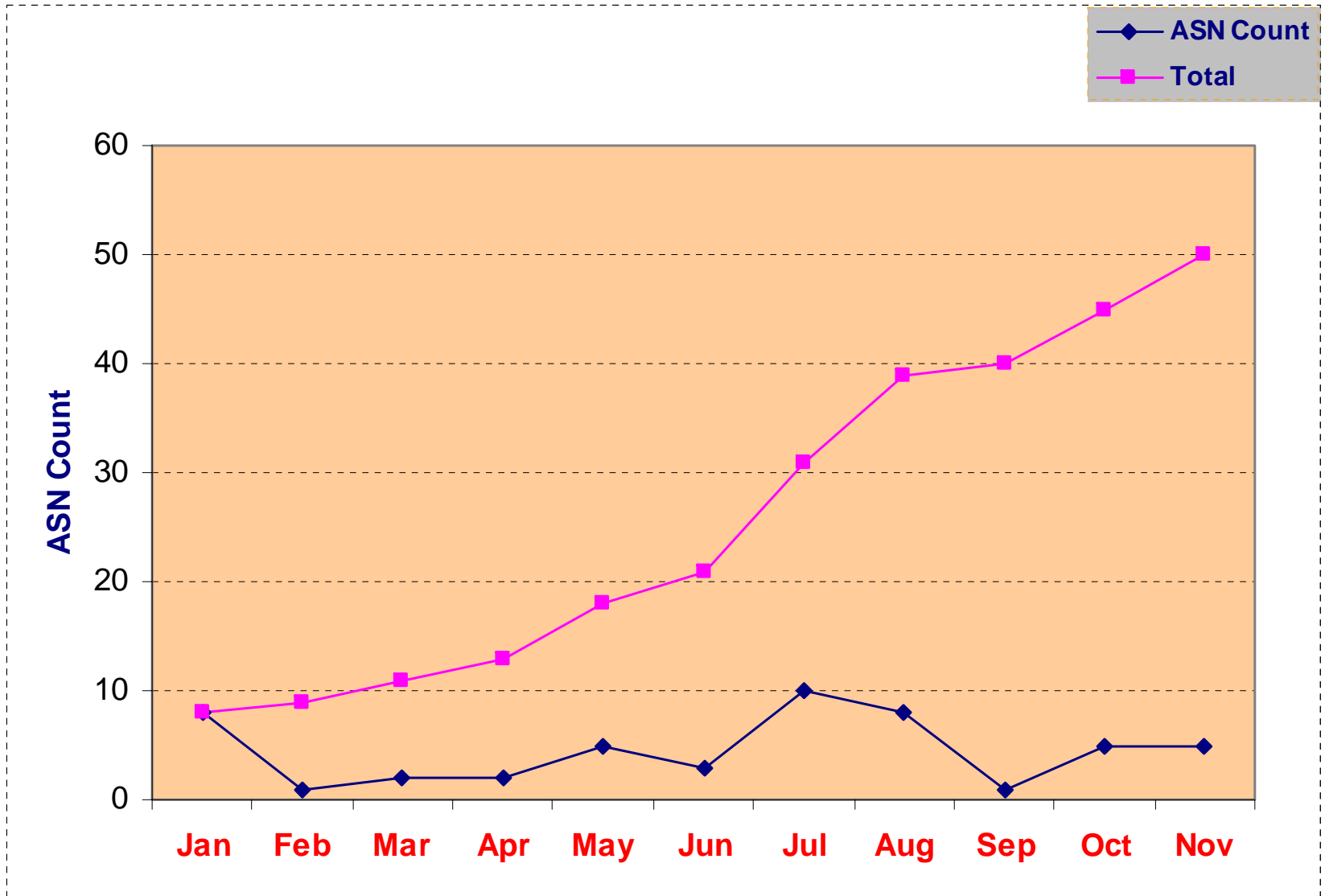


 Afrinic (incl. transition period)  
 pre-Afrinic

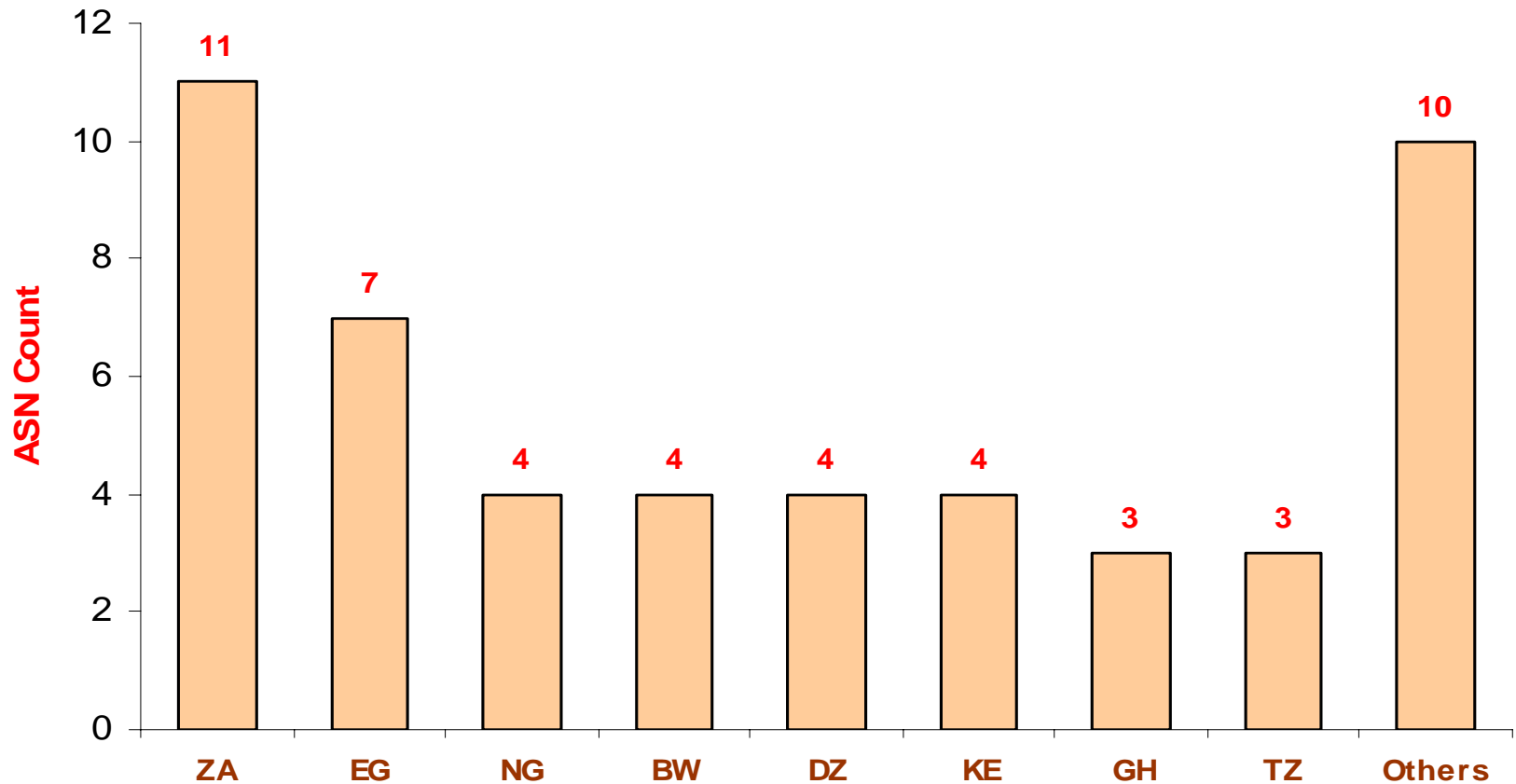
## Afrinic – Total ASN Distribution by Country



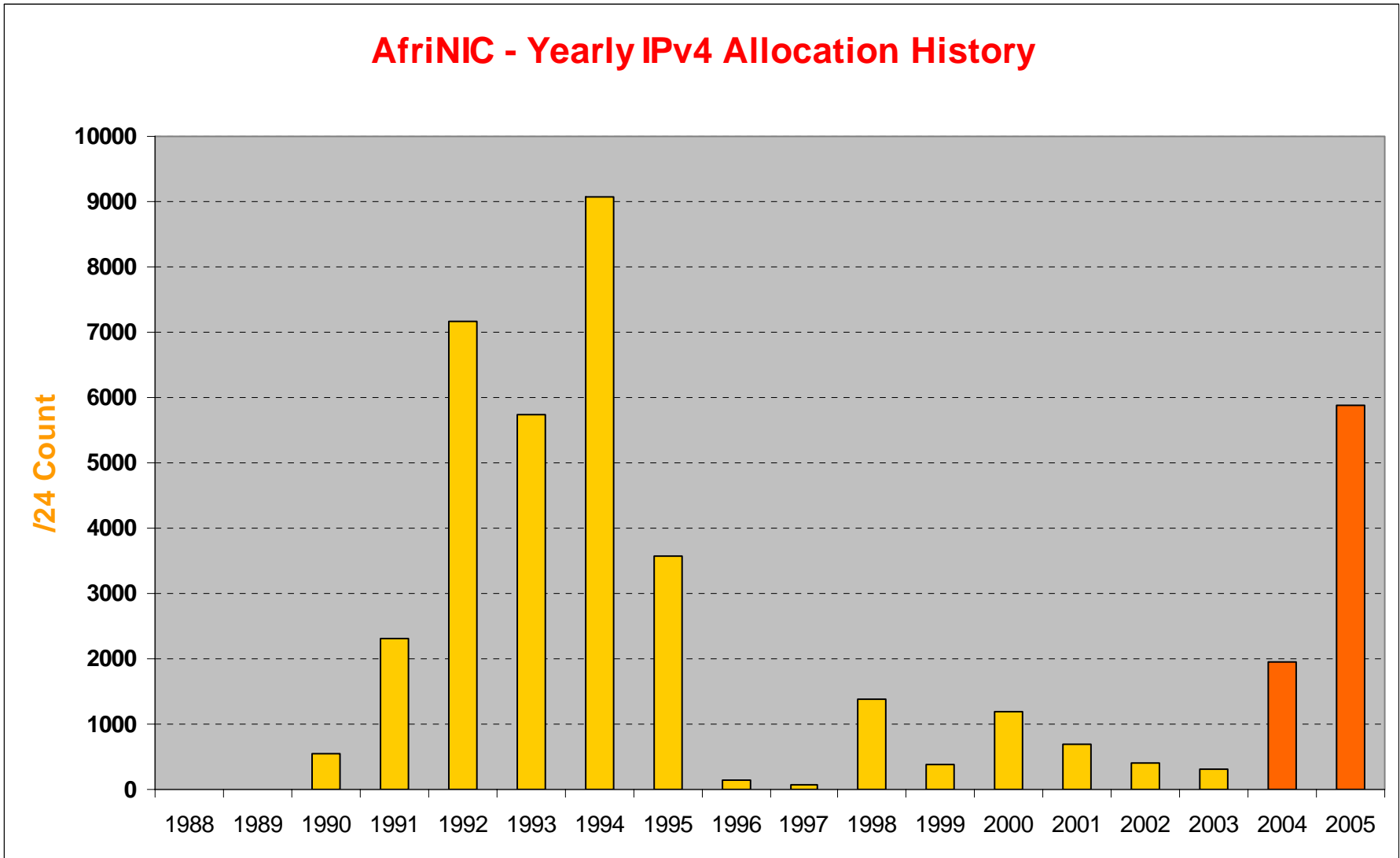
## AfriNIC – 2005 ASN Assignment Trend



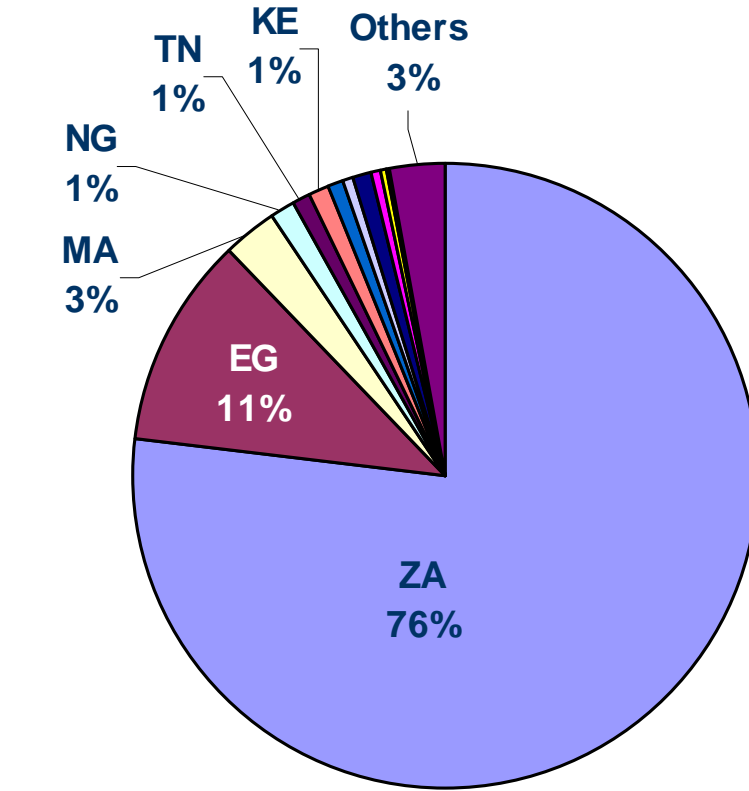
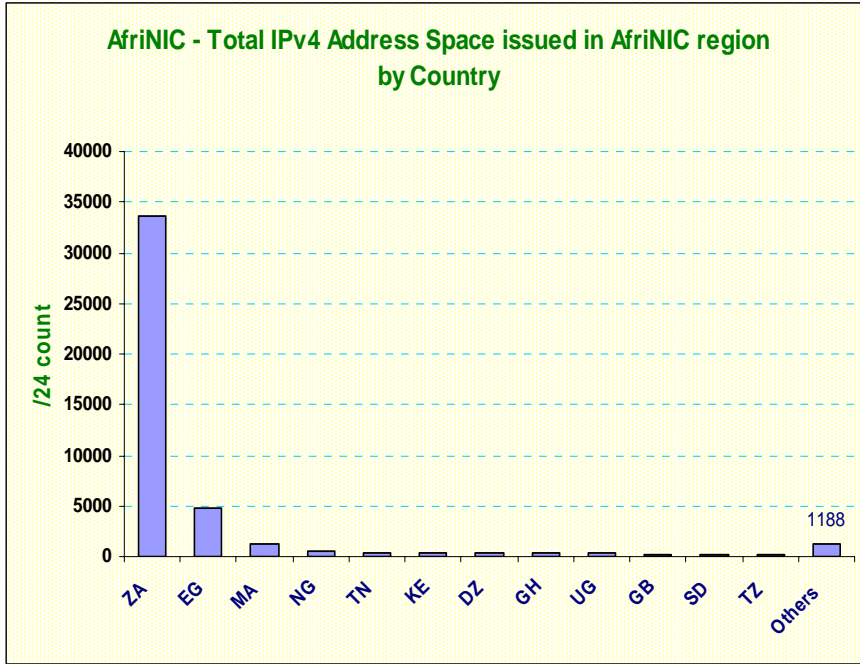
### AfriNIC - 2005 ASN Assignments distributed by Country



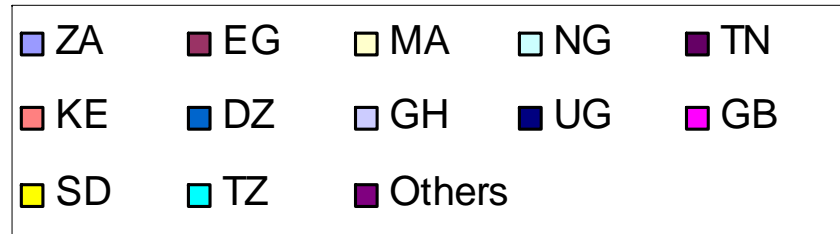
*\* Data is current as of 01/12/2005*

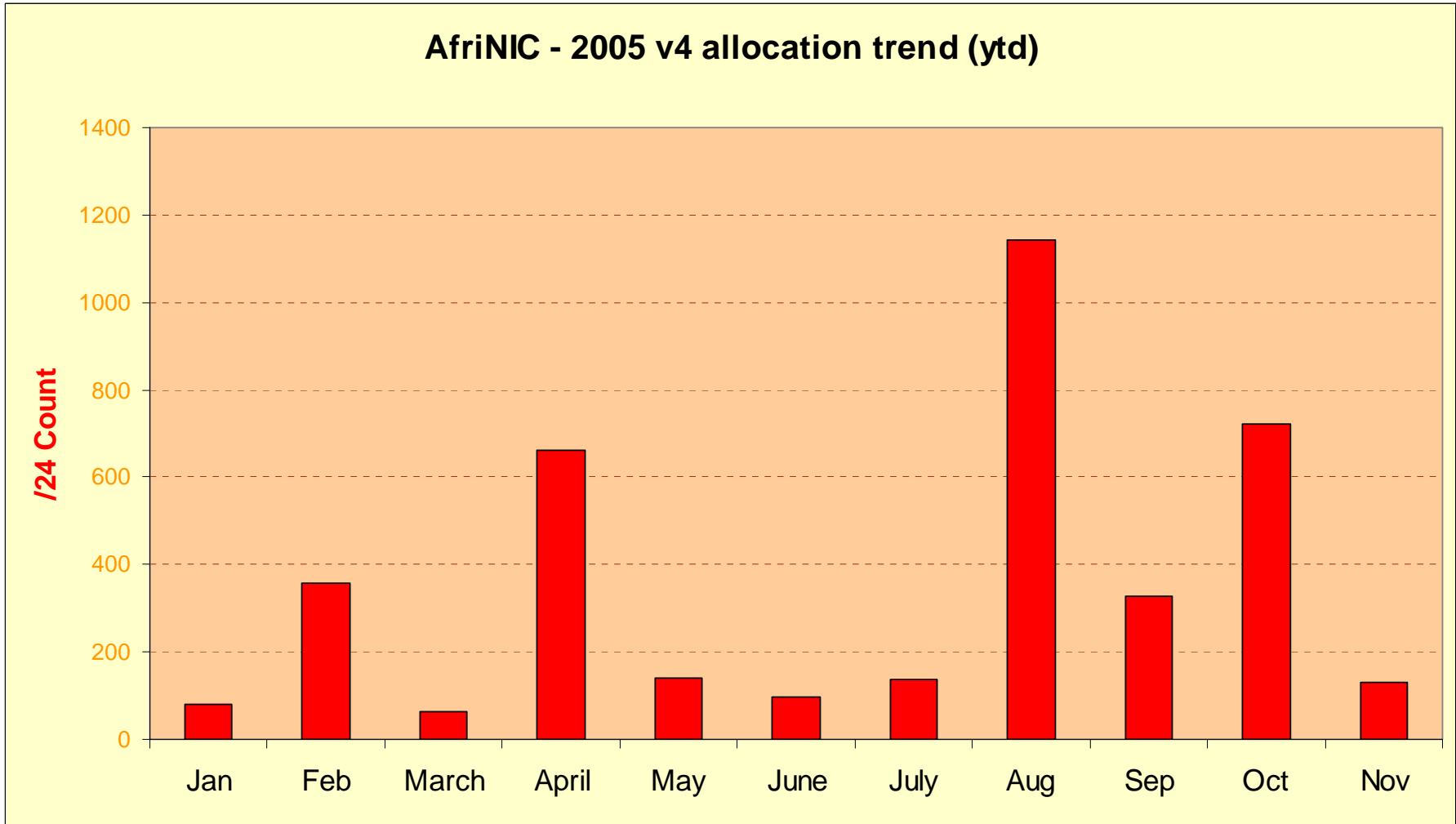


# V4 cont.

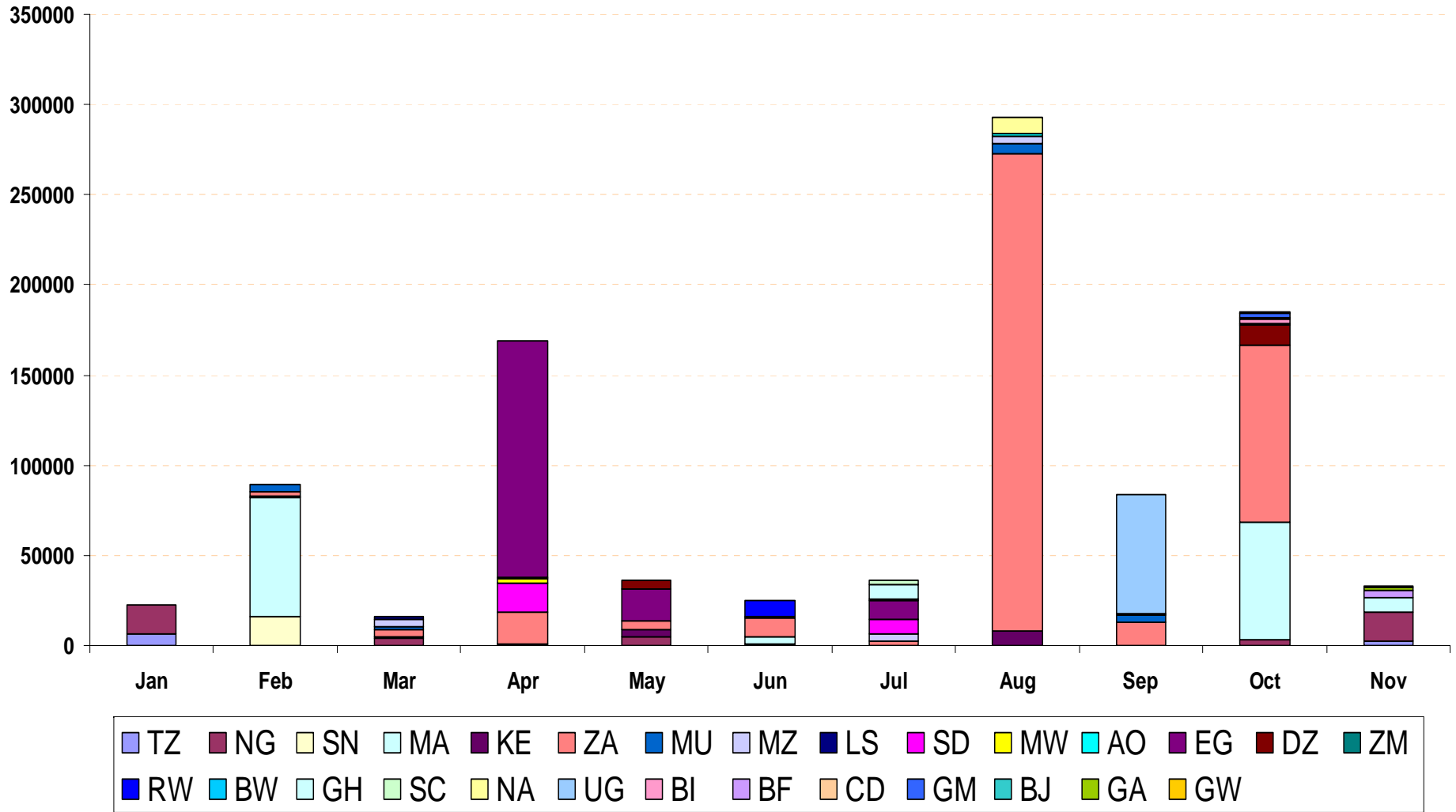


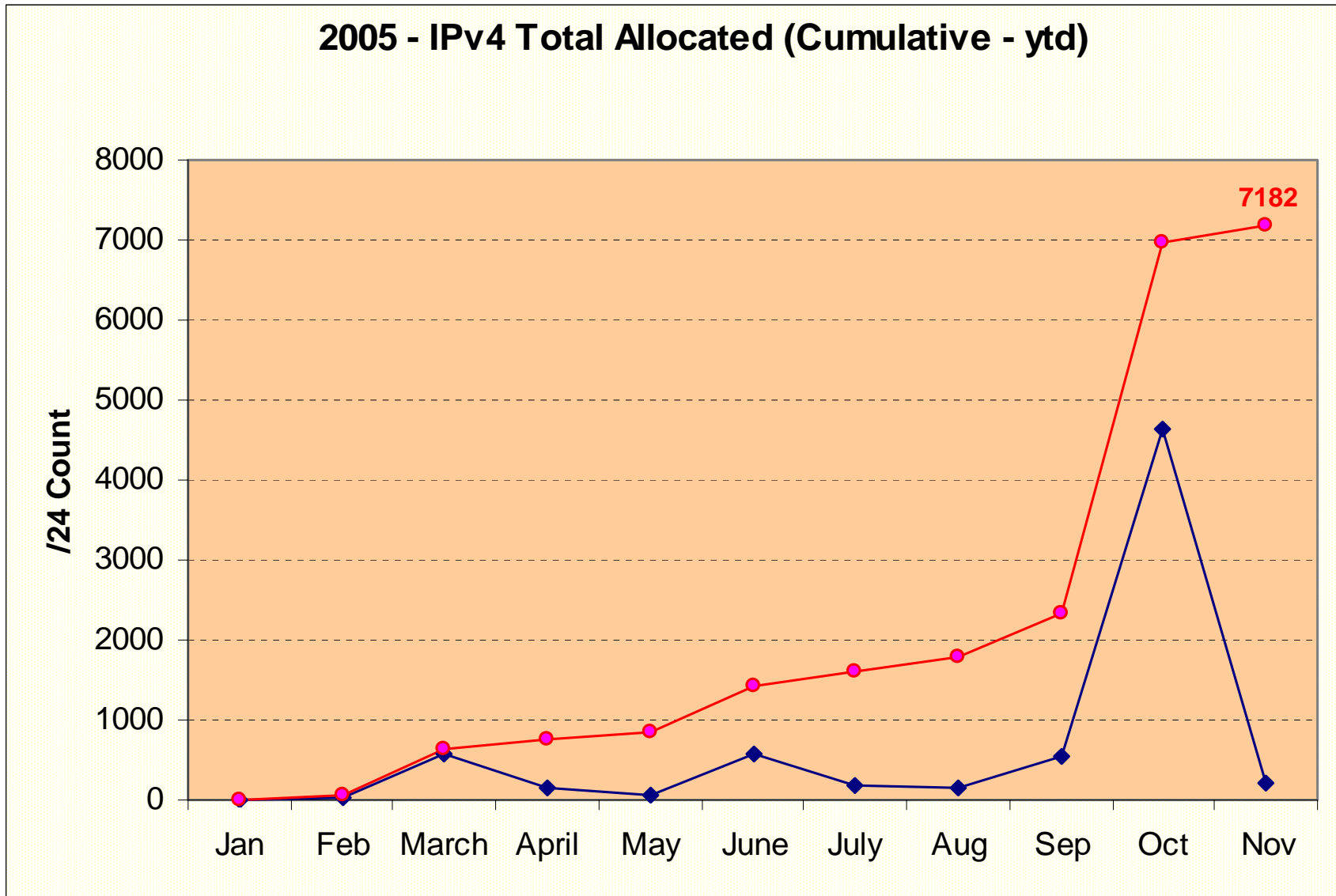
Total distribution of v4 address space assigned and allocated in the AfriNIC service region (approx 68% of a /8) shared per country.



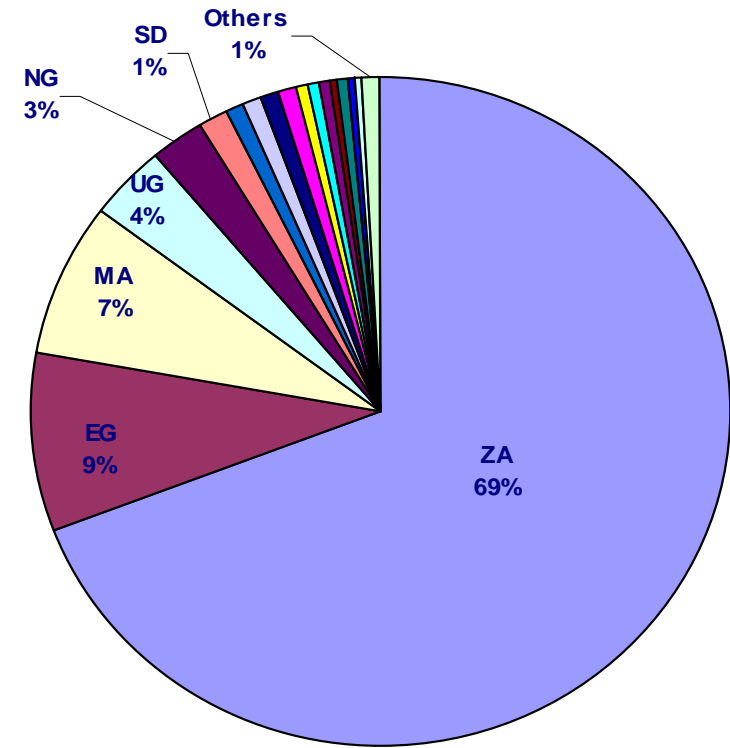
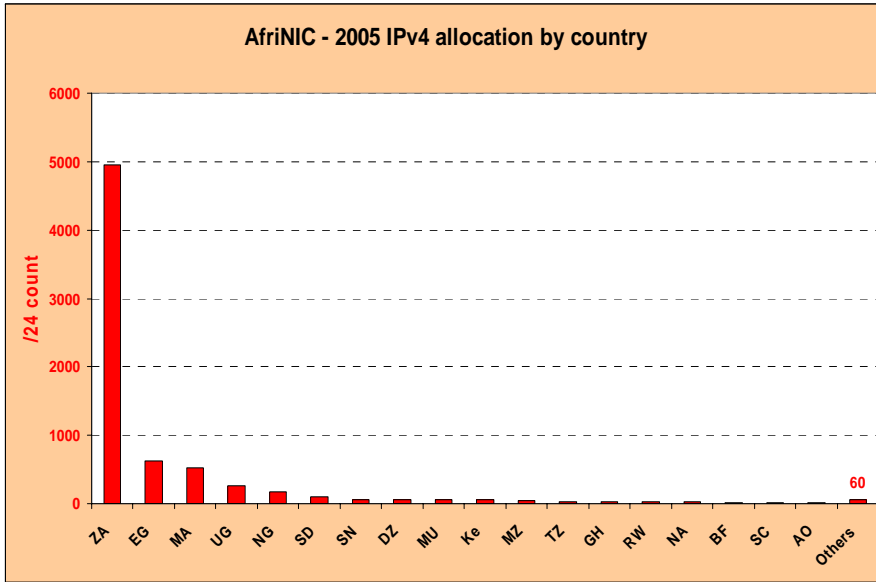


## AfriNIC - 2005 v4 allocations/assignments month:country

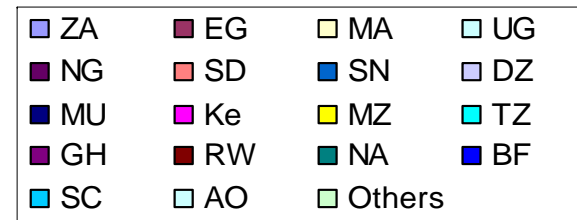




# V4 cont.



Distribution of v4 assignments and allocations issued in 2005 by AfriNIC (by country) :



## V4 cont.

- Total IPv4 addresses allocated and assigned to Africa and the Indian Ocean Region:

*11,259,648 (68% of a /8)*

# IPv6

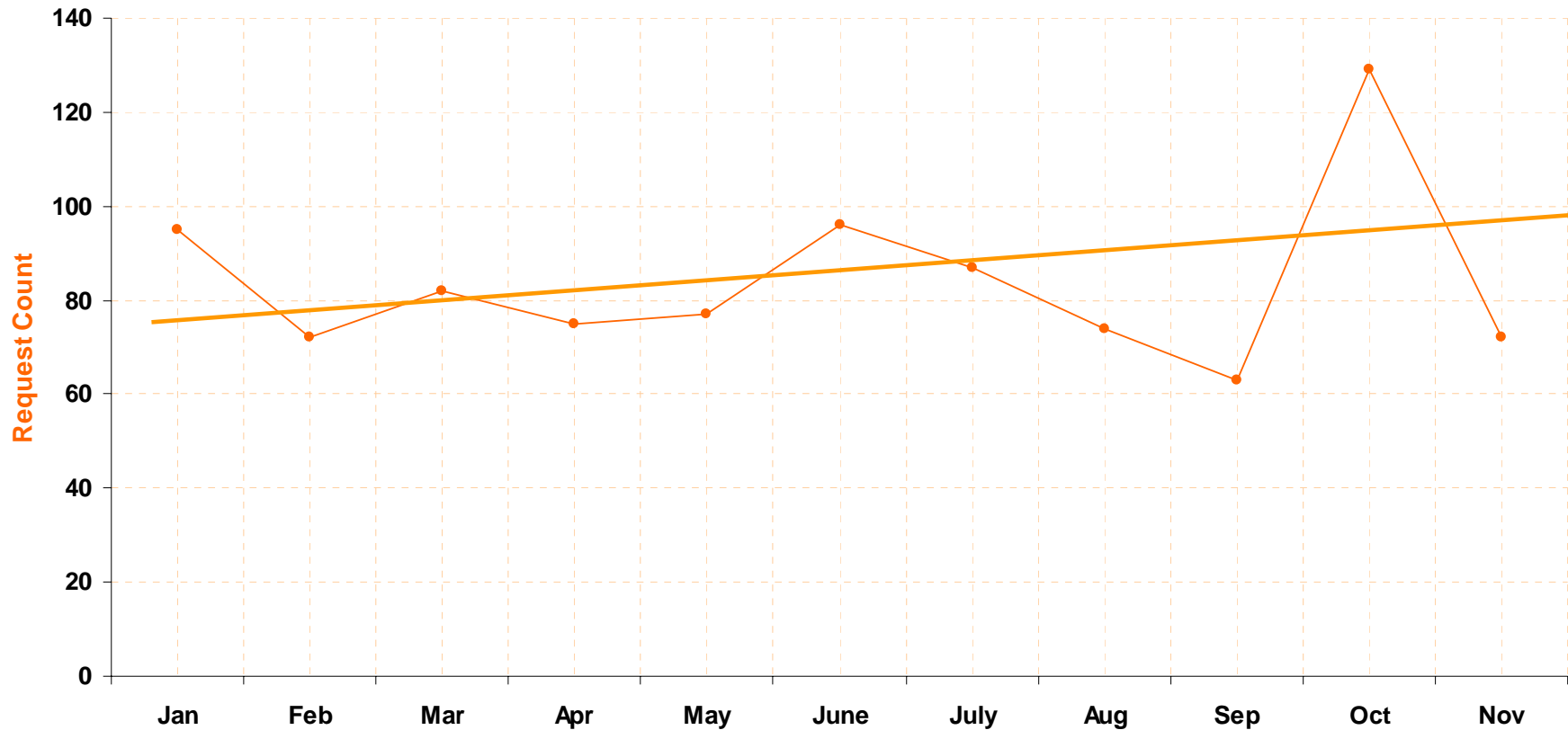
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<u>Country</u>	<u>No. of /32s</u>
EG	1
TN	1
ZA	6
MW	1
MA	1

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## AfriNIC – 2005 YTD: Hostmaster Requests

AfriNIC - 2005 Member Request Statistics



# Afrinic LIR training : a key activity for better IP address Management in our Region

# LIR Training

- LIR training – a one or two-day training course
- Mainly for AfriNIC members and any other interested party.
- Conducted by AfriNIC staff (and a few volunteers – once in a while)
- Free of charge (at the moment)
- Conducted in French and/or English

# LIR Training (objectives)

- *Objectives:*
  - Interaction with the AfriNIC whois database:
    - Manage LIR / organisation specific records:
      - Create, protect, update and delete assignments and sub-allocations
      - Maintain contact information
      - Reverse delegation
  - How to become an AfriNIC member
    - For attendees that are non-members

# LIR Training (objectives)

- How to request internet number resources:
  - First allocation of IPv4 and IPv6 addresses
  - AS Numbers
  - Direct/PI Assignments
- Reverse delegation of assigned/allocated IP address space
- Policies:
  - How policy is developed (PDP)
  - How to participate in the PDP

# LIR Training - Frequency

- Planning 10 training courses next year.
  - (English/French)
- Conducted 8 courses so far this year
  - (4 English, 4 French)
- An average of 20 participants per training course.
- Highest number – in Mozambique (60 for both EN/FR and Cairo – 40 (EN))

# Previous Training

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<i>Date</i>	<i>Location</i>	<i>Type of training</i>	<i>Language</i>
11/12/2005	Cairo - EG	LIR	French
06/10/2005	Nairobi - KE	LIR	English
22/09/2005	Ebene - MU	LIR	English
2-3/09/2005	Dakar - SN	LIR	French
08/07/2005	Pretoria - ZA	LIR	<u>English</u>
25/04/2005	Maputo - MZ	LIR	<u>English</u>
25/04/2005	Maputo - MZ	LIR	French
10/11/2004	Ouagadougou - BF	LIR	French

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## LIR Training – 2006?

- For the coming year's training programme / schedule, please check our website frequently:
  - <http://www.afrinic.net/training/index.htm>
- Training announcements are also usually sent to the usual community lists: [afnog](#), [policy-wg](#), [afrinic-discuss](#), [afrispa](#), etc

# Computer Based Training

- CBT : a CD-ROM with a full training on how to interact with the afrinic whois db plus how to request internet number resources.
- Developed with the support of ARIN (the RIR serving US & CA)
- For those that cannot travel to the LIR courses, this is the solution
- Free for members.
- Contact [training@afriNIC.net](mailto:training@afriNIC.net) for more information.

## Contacts:

- [hostmaster@afriNIC.net](mailto:hostmaster@afriNIC.net) – Resource Requests
- [new-member@afriNIC.net](mailto:new-member@afriNIC.net) – Membership/Inquiry
- [abuse@afriNIC.net](mailto:abuse@afriNIC.net) - abuse related
- [training@afriNIC.net](mailto:training@afriNIC.net) – training inquiry
- [billing@afriNIC.net](mailto:billing@afriNIC.net) – Billing inquiry
- [afriNIC-dbm@afriNIC.net](mailto:afriNIC-dbm@afriNIC.net) – Database Help
- [contact@afriNIC.net](mailto:contact@afriNIC.net) - General

# Questions?