



Registration Services Report

RIPE NCC Regional Meeting – Middle East

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Overview

- Registration Services Activities
- Department structure
- Customer Requests and Service Levels
- Document update
- LIR Portal
- Internet Resource Status (Middle East focus)
- Summary
- Hostmaster Consultation Centre

Activities

- IPv4 and IPv6 allocations, assignments and approvals
- ASN assignments
- Reverse Delegation
- Quality Assurance (Audit)
- Early Registration Transfer (RIR Co-ordination)
- Training courses
- Documentation
- Closures, transfers, mergers, updating contact info
- ENUM Delegation (e164.arpa)
- Community Liaison

Departmental Structure

- Management Team

- Leo, Operations
- Dominic, Staff & Admin



- Training Team

- Romy, Training Team Leader

- Three Hostmaster Teams

- Eamonn & Pepa, Team Leaders

Requests for Service

- hostmaster@ripe.net ~ 287 per week
 - IP & ASN requests
- lir-help@ripe.net ~118 per week
 - LIR questions
- inaddr@ripe.net ~31 per week
 - Reverse Delegation Questions
- new-lir@ripe.net ~ 20 per week
 - Setting up an LIR



Documentation Renewal

RIR Comparative policy overview

Updated IPv4 Policy Document

- "status:" Attribute Values revised
- New policies included
- Shorter and easier to read

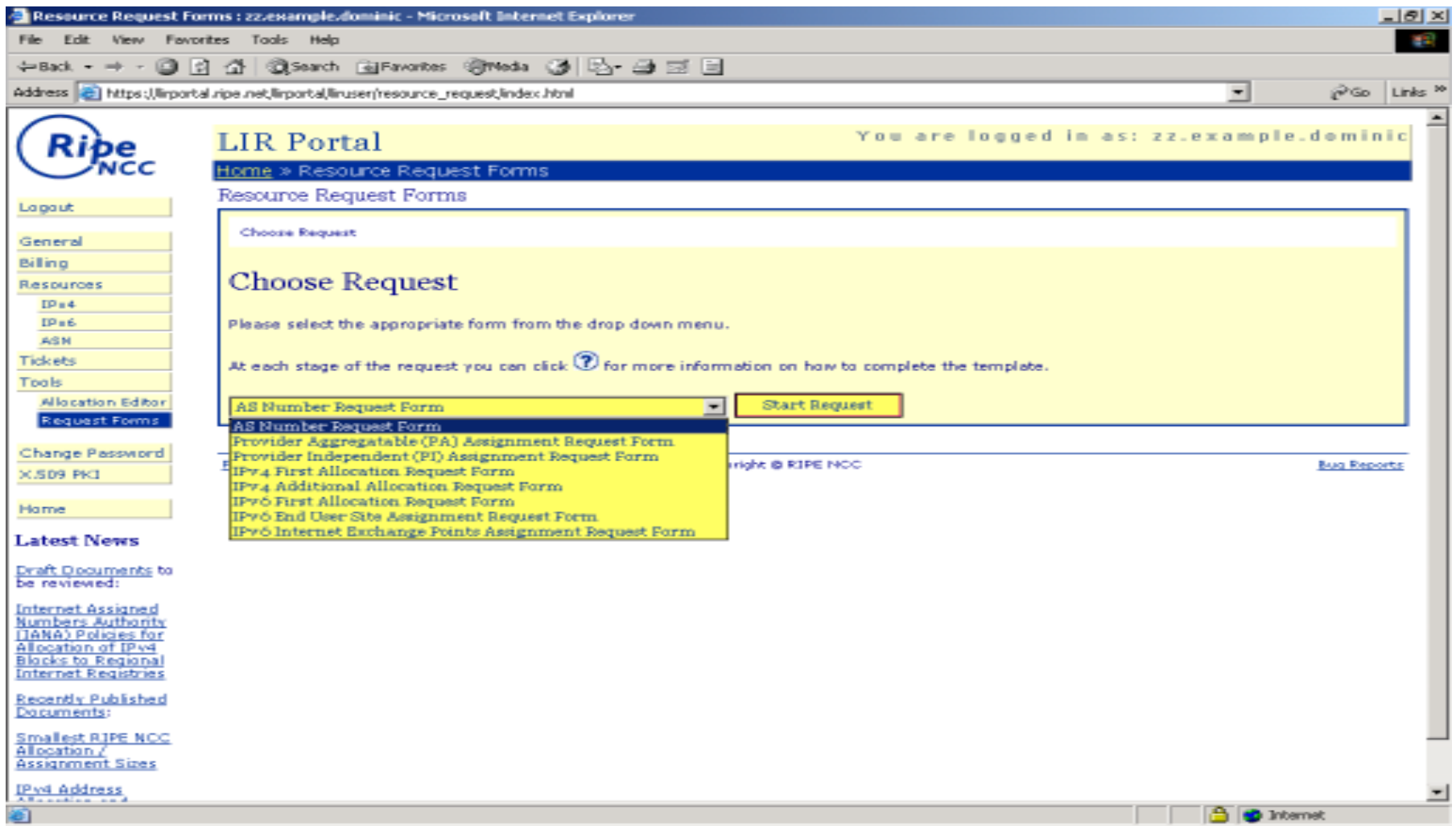
New Organisation Object Consultation

- Mapping resources to an organisation

New Request format

- New Request forms for IPv4, IPv6 and AS Numbers
- Supporting notes with example requests
- Keeping response times low and stable
- Given highest priority
 - Better first contact with members
 - Flexible design to allow for future improvements

Web Interface




The screenshot shows a Microsoft Internet Explorer browser window displaying the RIPE NCC LIR Portal. The address bar shows the URL: https://lirportal.ripe.net/lirportal/liruser/resource_request/index.html. The page title is "LIR Portal" and it indicates the user is logged in as "zz.example.dominic".

The main content area is titled "Choose Request" and contains the following text:

Choose Request

Please select the appropriate form from the drop down menu.

At each stage of the request you can click  for more information on how to complete the template.

Below this text is a dropdown menu with the following options:

- AS Number Request Form
- AS Number Request Form
- Provider Aggregatable (PA) Assignment Request Form
- Provider Independent (PI) Assignment Request Form
- IPv4 First Allocation Request Form
- IPv4 Additional Allocation Request Form
- IPv6 First Allocation Request Form
- IPv6 End User Site Assignment Request Form
- IPv6 Internet Exchange Points Assignment Request Form

To the right of the dropdown menu is a "Start Request" button.

The left sidebar contains a navigation menu with the following items:

- Logout
- General
- Billing
- Resources
 - IPv4
 - IPv6
 - ASN
- Tickets
- Tools
 - Allocation Editor
 - Request Forms
- Change Password
- X.509 PKI
- Home

Below the navigation menu is a "Latest News" section with links to various documents and reports.

LIR Portal - General | 22.example.dominic - Microsoft Internet Explorer

Address: https://lportal.ripe.net/lportal/luser/general.html

You are logged in as: 22.example.dominic

LIR Portal

Home > General

General

Company Name and Postal Address

RegID	22.example	[+]
Organisation	E X.Ample of a Net ...	[+]
Type	PI1	[+]
Community	This is where you can tell the RIPE NOC Hostmasters about the kind of community your LIR serves. What kinds of services do	[+]
Address	Example ISP Inc. 1024 SomeStreet 13 Netherlands 1010	[+]
Country	NL	[+]

About the LIR

Remark	This is where you can leave a remark about your LIR for the Hostmasters' attention.	[+]
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Telephone and E-mail Contact

Phone	<input type="button" value="Add"/>	+31 20 535 4444	<input type="button" value="Delete"/>	[+]
		+31 20 444 5555	<input type="button" value="Delete"/>	
Fax	<input type="button" value="Add"/>		<input type="button" value="Delete"/>	[+]

Logout

General

Billing

Resources

IPv4

IPv6

ASN

Tickets

Tools

Allocation Editor

Request Formic

Change Password

X.509 PKI

Home

Latest News

Draft Documents to be reviewed:

[Internet Assigned Numbers Authority \(IANA\) Policies for Allocation of IPv4 Blocks to Regional Internet Registries](#)

Recently Published Documents:

[Smallest RIPE NCC Allocation / Assignment Sizes](#)

[IPv4 Address](#)

Done

LIR Portal - Resources - IPv4: 22.example.dominic - Microsoft Internet Explorer

Address: https://portal.ripe.net/portal/user/resources_ipv4.html

Ripe NCC LIR Portal You are logged in as: zz.example.dominic

Home > Resources > IPv4

Resources IPv4

Logout

General

Billing

Resources

IPv4

IPv6

ASN

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Latest News

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Recently Published Documents:

Smallest Ripe NCC Allocation / Assignment Sizes

IPv4 Address

Assignment Window History

Date	Prefix	Size	Ticket No.
20000401	-	0	
20000411	/26	64	
20000610	/25	128	NCC#2000073237
20000610	/24	256	NCC#2000073111
20030217	-	0	NCC#1999108453

Allocations Made by RIPE NCC to zz.example

Date	IP / Prefix	Size	Status	Ticket No.
20030505	194.153.157.224/27	32	PA	NCC#1999108453
20030512	193.0.0/19	8192	PA	NCC#1999108453

Assignments Approved by RIPE NCC

Date	Size	Netname	Ticket No.
19970707	/24 (256)	IPF-NCI	NCC#1999108453
19991230	/22 (1024)	EBONE-ESMAD103	NCC#1999110241
20000105	/26 (64)	SECOND-ASSIGNMENT	NCC#1999110241
20000105	/26,/24 (320)	RANGE-TEST	NCC#1999110241
20000105	/24 (256)	CLASS-TEST	NCC#1999110241
20030721	/20 (4096)	BLAH	NCC#2002043779
20030915	/22 (1024)	BLAH	NCC#2002029005
20030923	/23 (512)	NETNAME	NCC#1997070009
20030924	/23 (512)	NETNAME	NCC#1997070009
20030924	/23 (512)	NERNMAE	NCC#1997070009

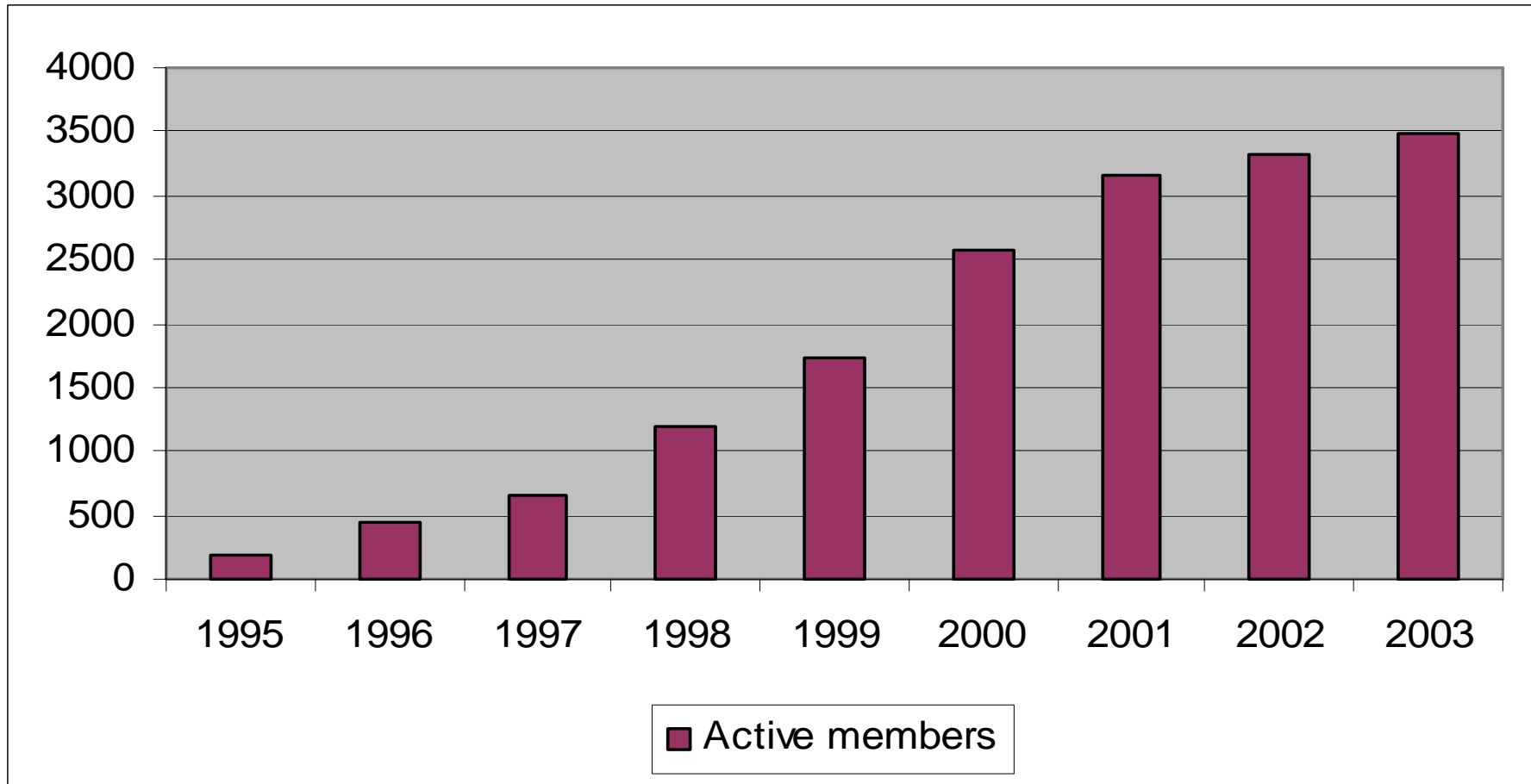
LIR Portal

For 2004:

- rDNS administration
 - Delegate zones via a web interface
- Proactive and customised reporting
 - Identify & fix database registration
- Org object created automatically for LIR's
 - Updated via LIR portal
 - Track and view all managed resources

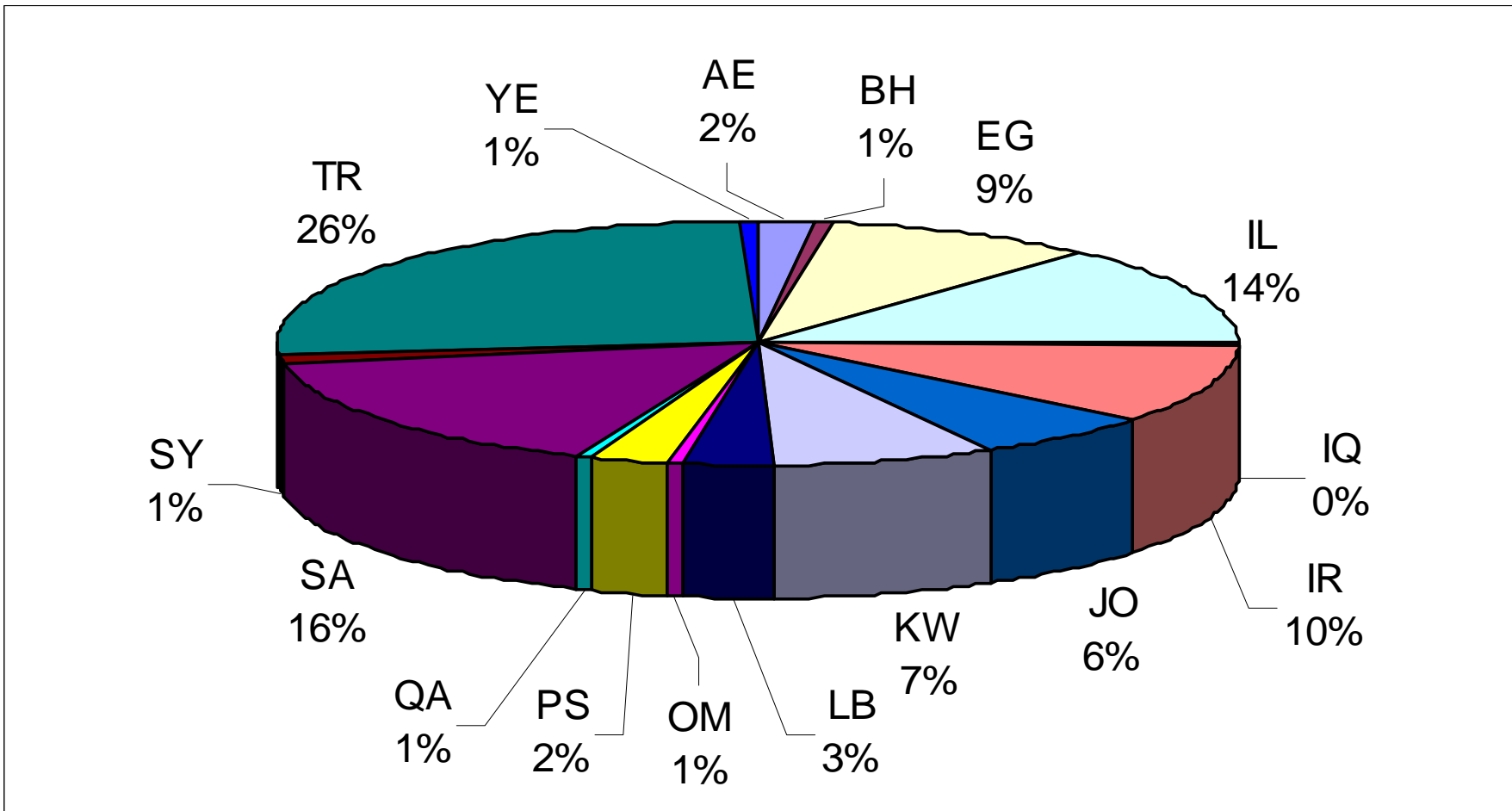
Now for the numbers...

Membership growth



Active Members

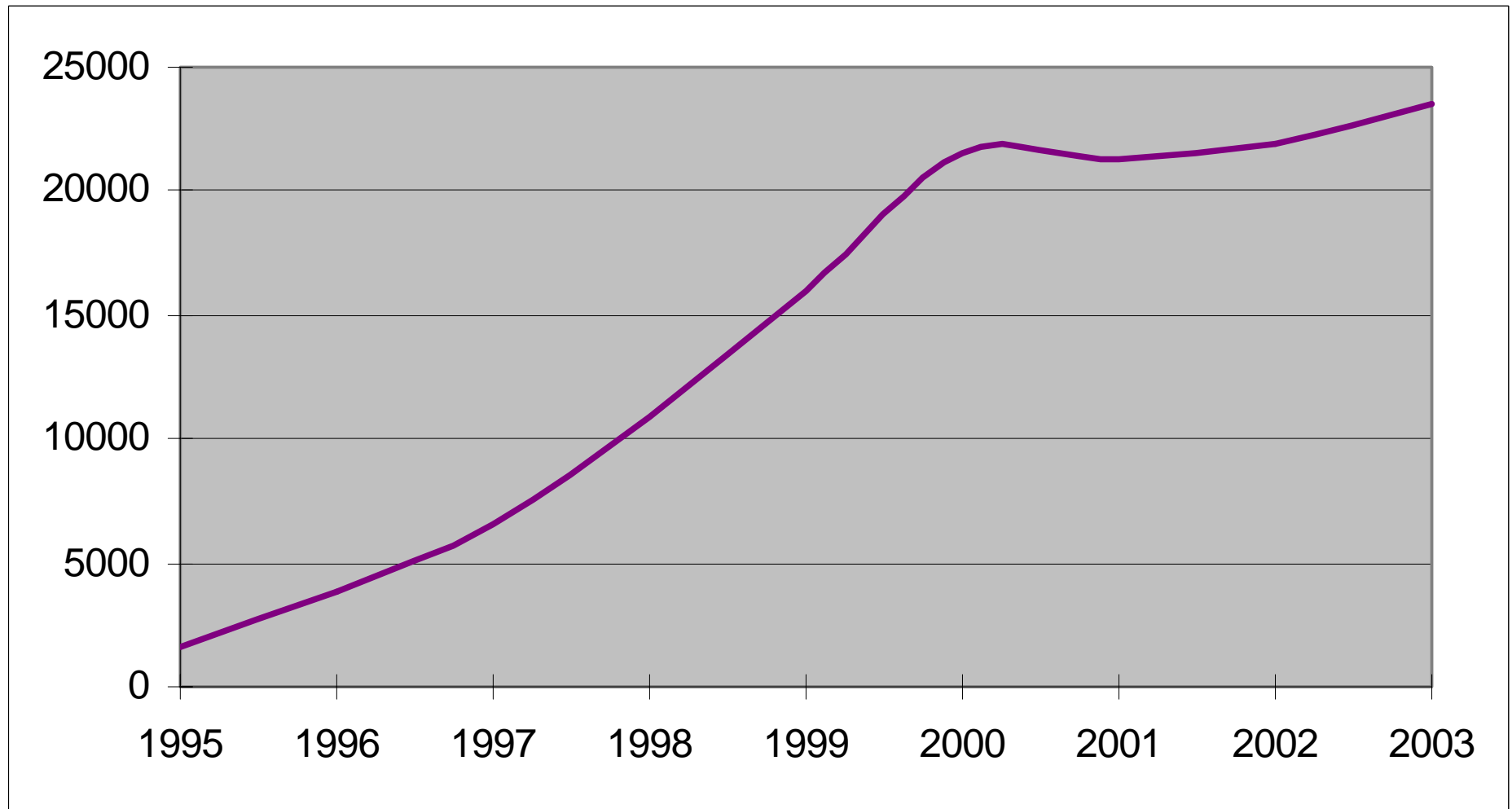
Middle East (2003)





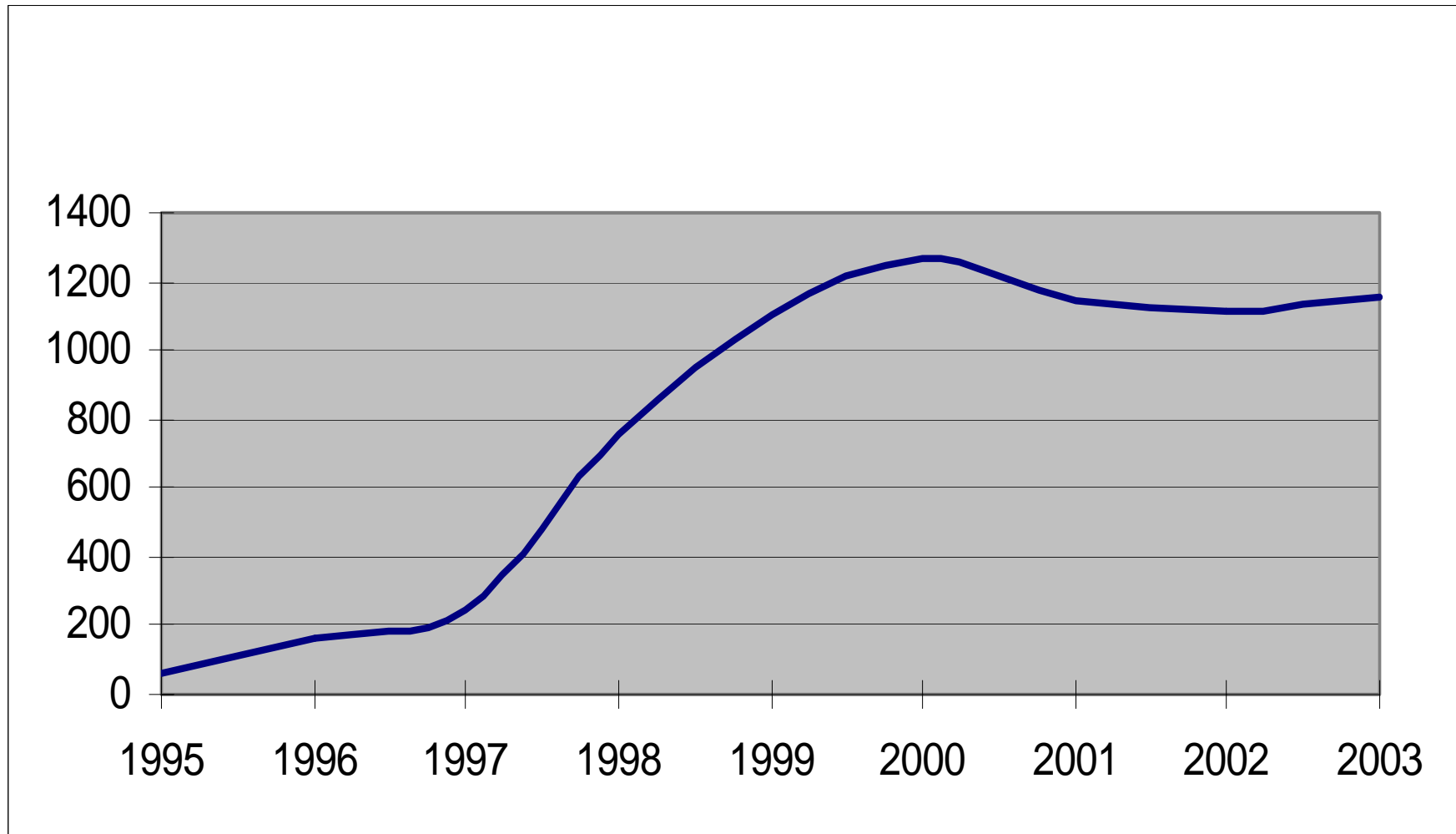
Customer Requests

all members

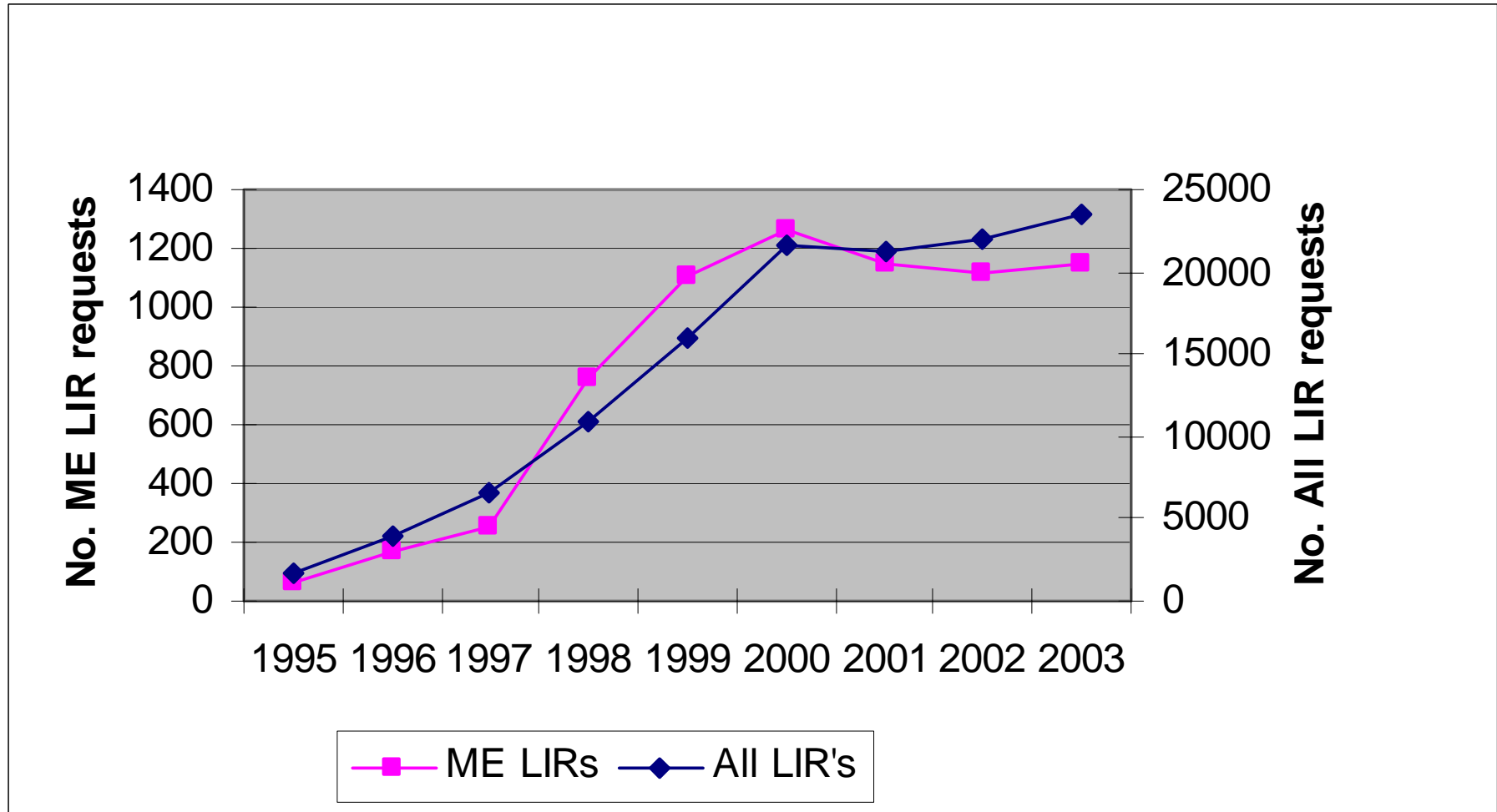


Customer Requests

Middle East

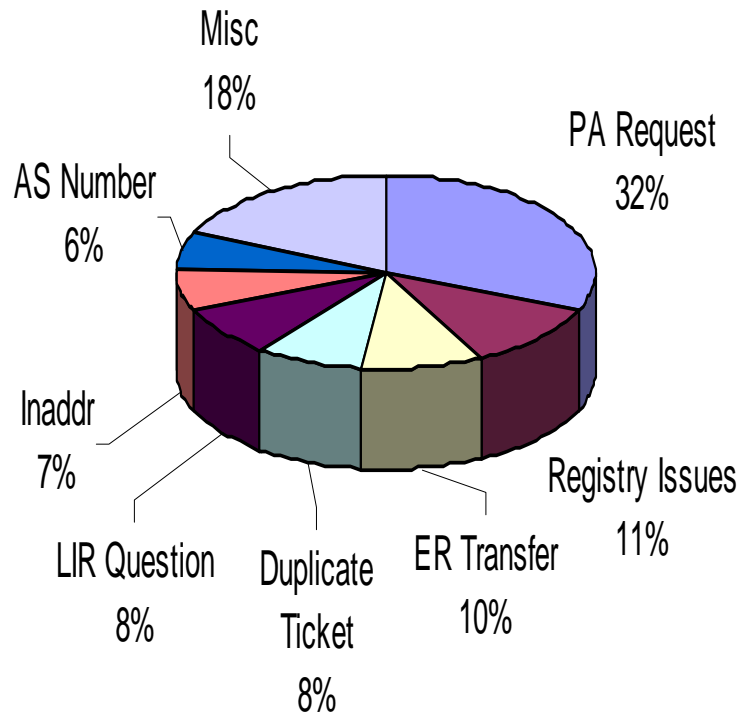


Customer Requests

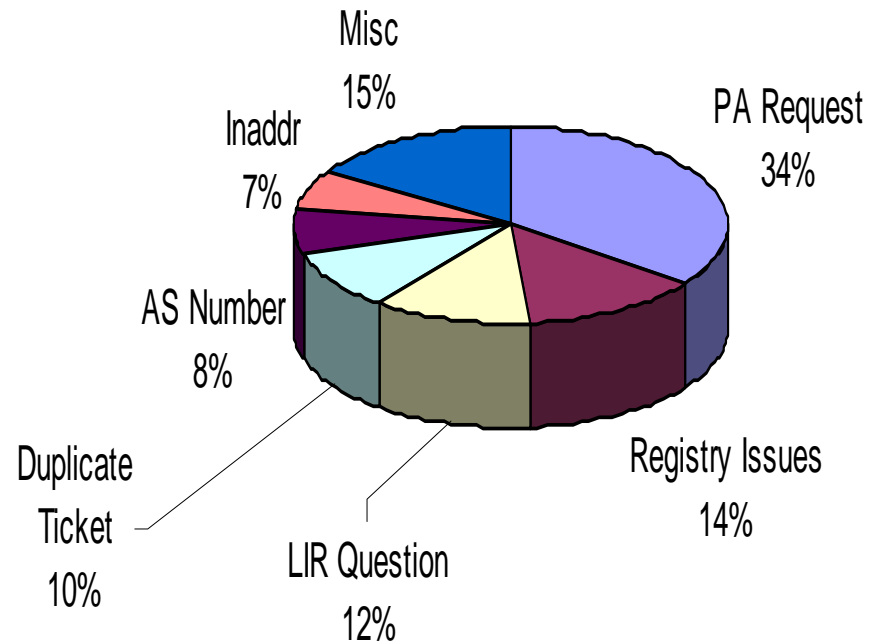


Ticket Categories 2003

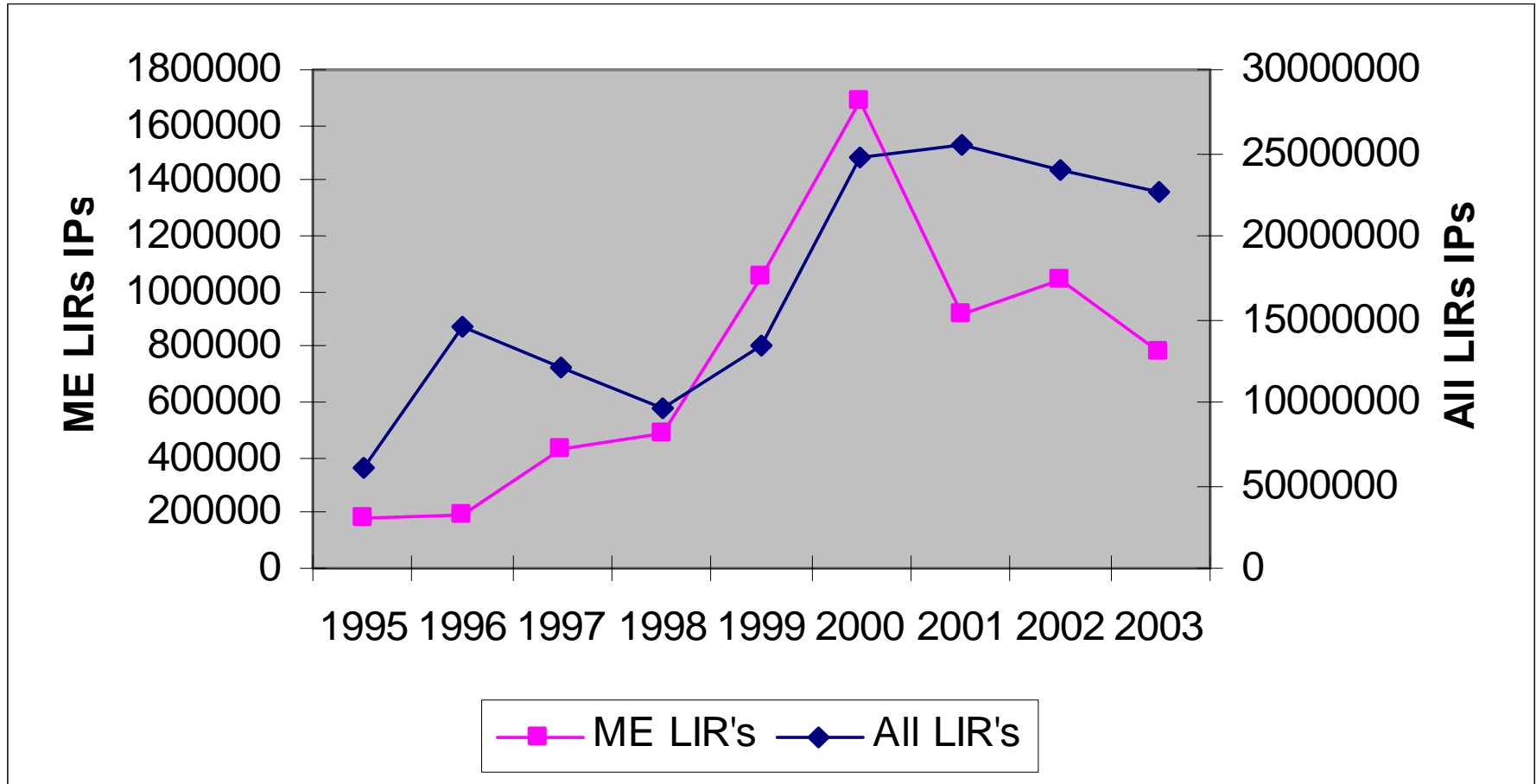
Ticket Category all LIRs



Ticket category ME LIRs



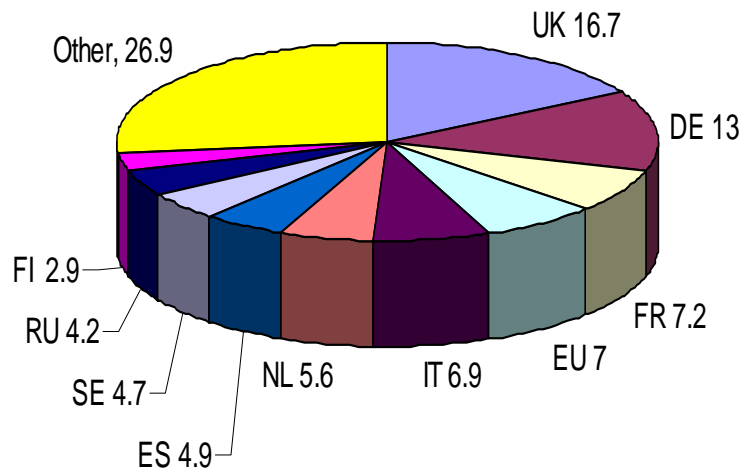
IPv4 Space Allocated



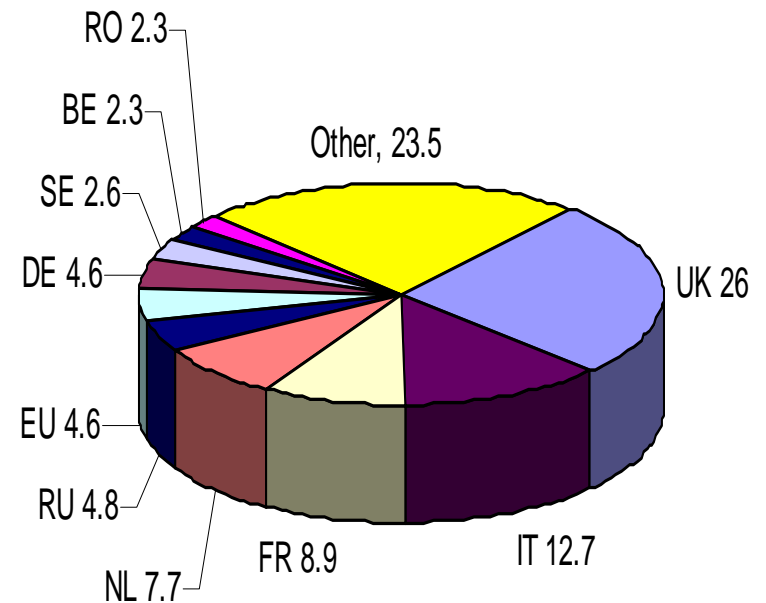
IPv4 Distribution

RIPE NCC Service Region

IPv4 % Distribution by Country (all time)

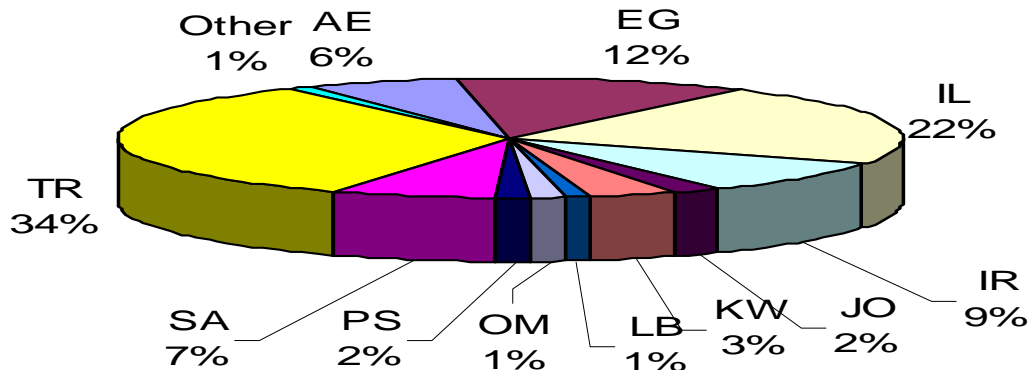


IPv4 % Distribution by Country 2003

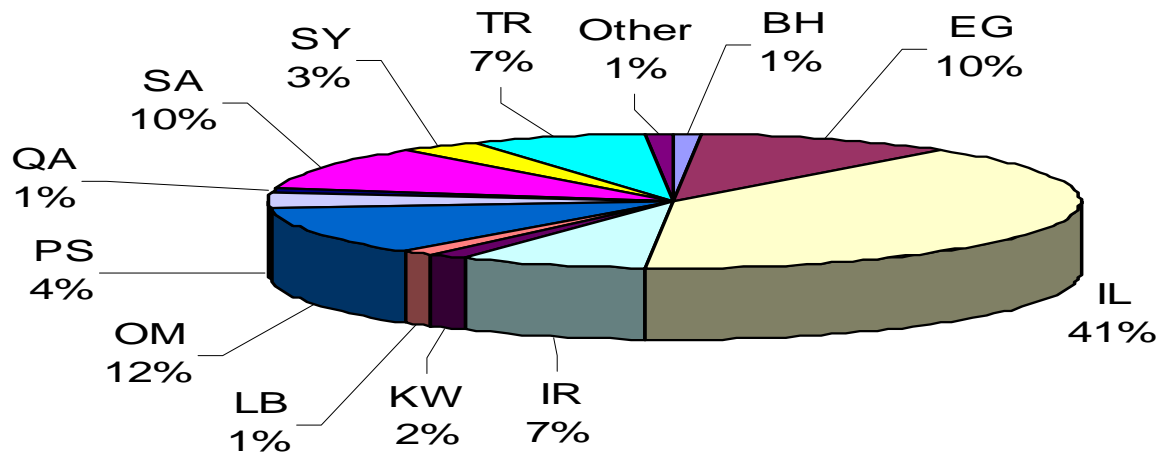


Middle East

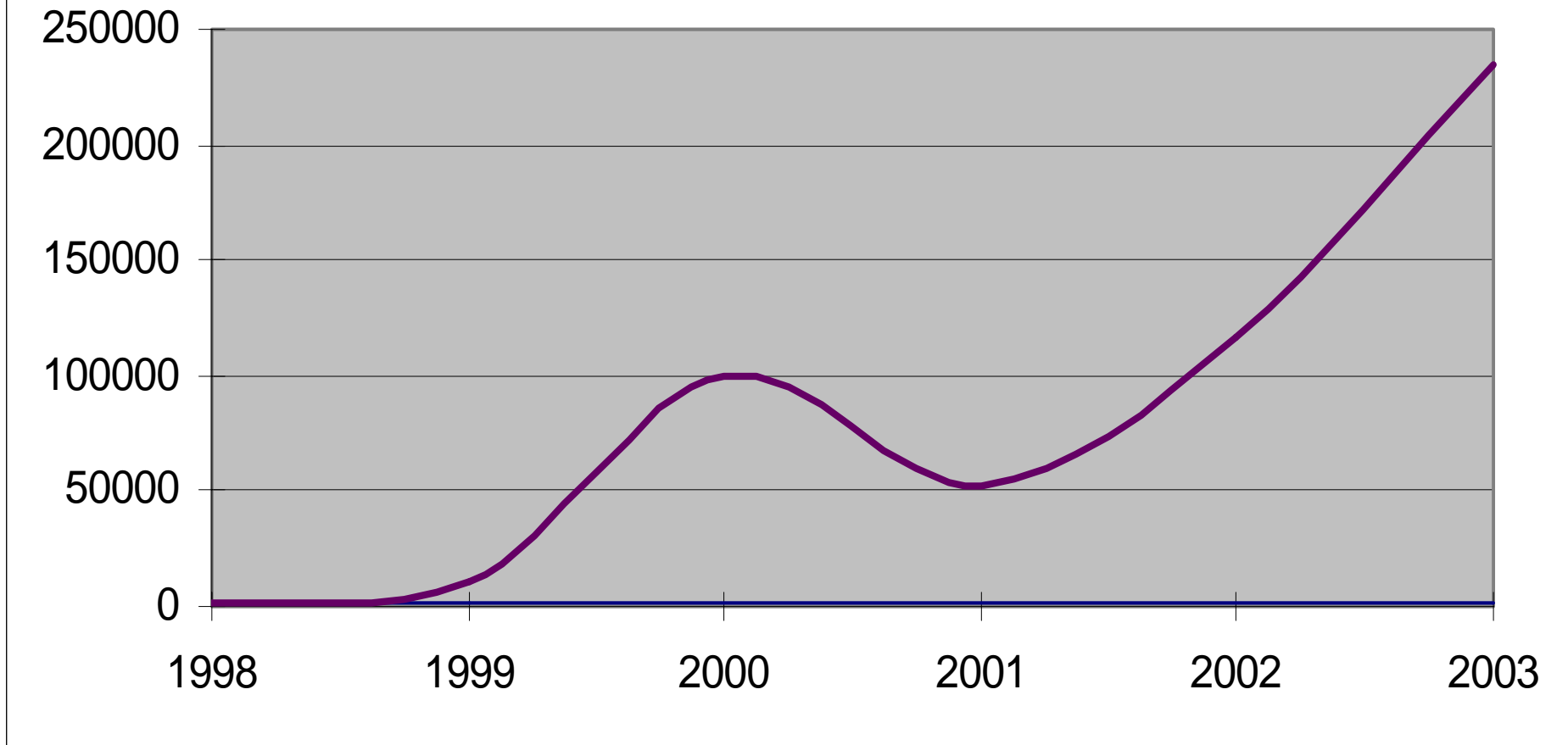
IPv4 Distribution ME (all time)



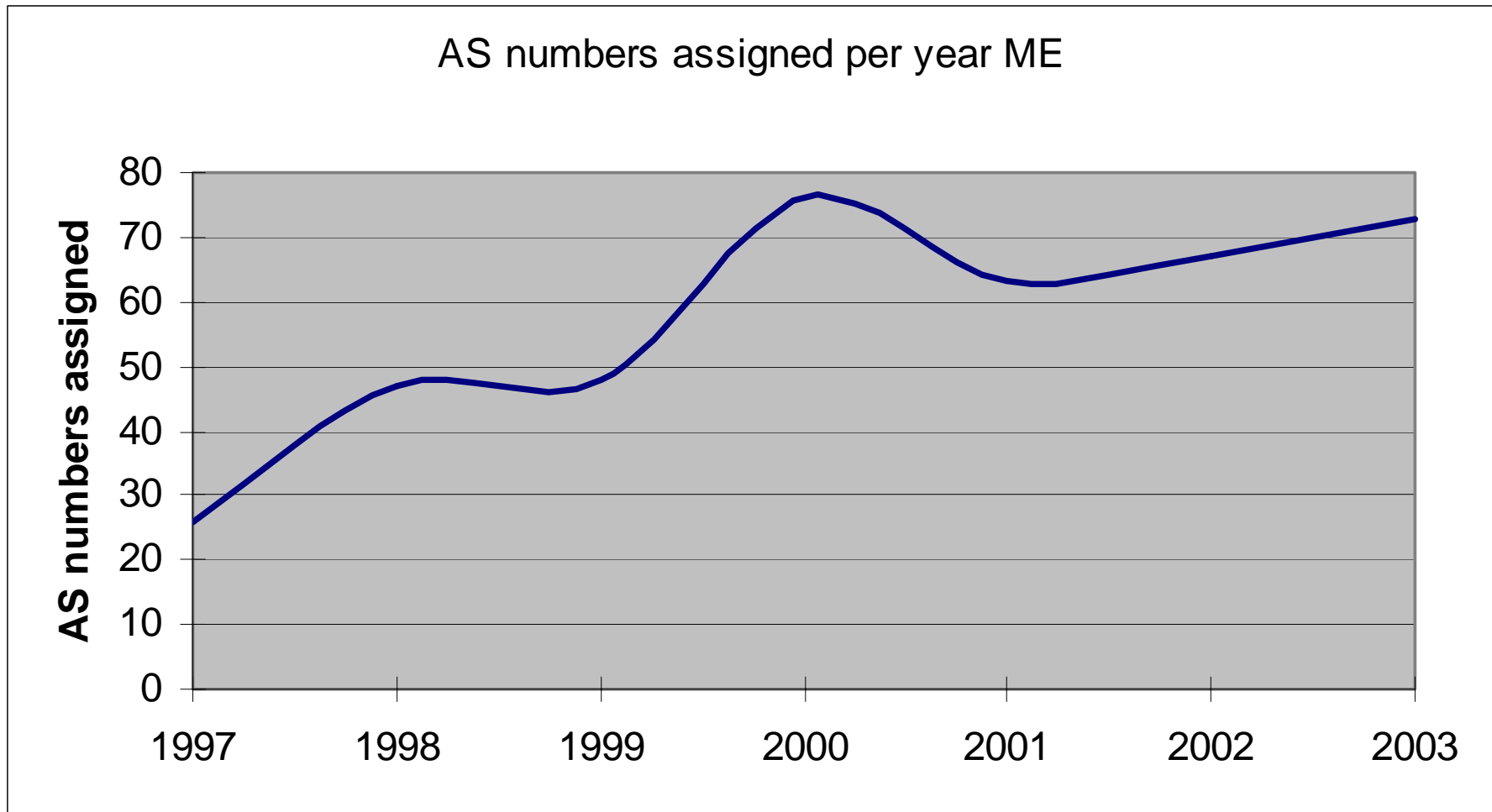
IPv4 Distribution ME (2003)



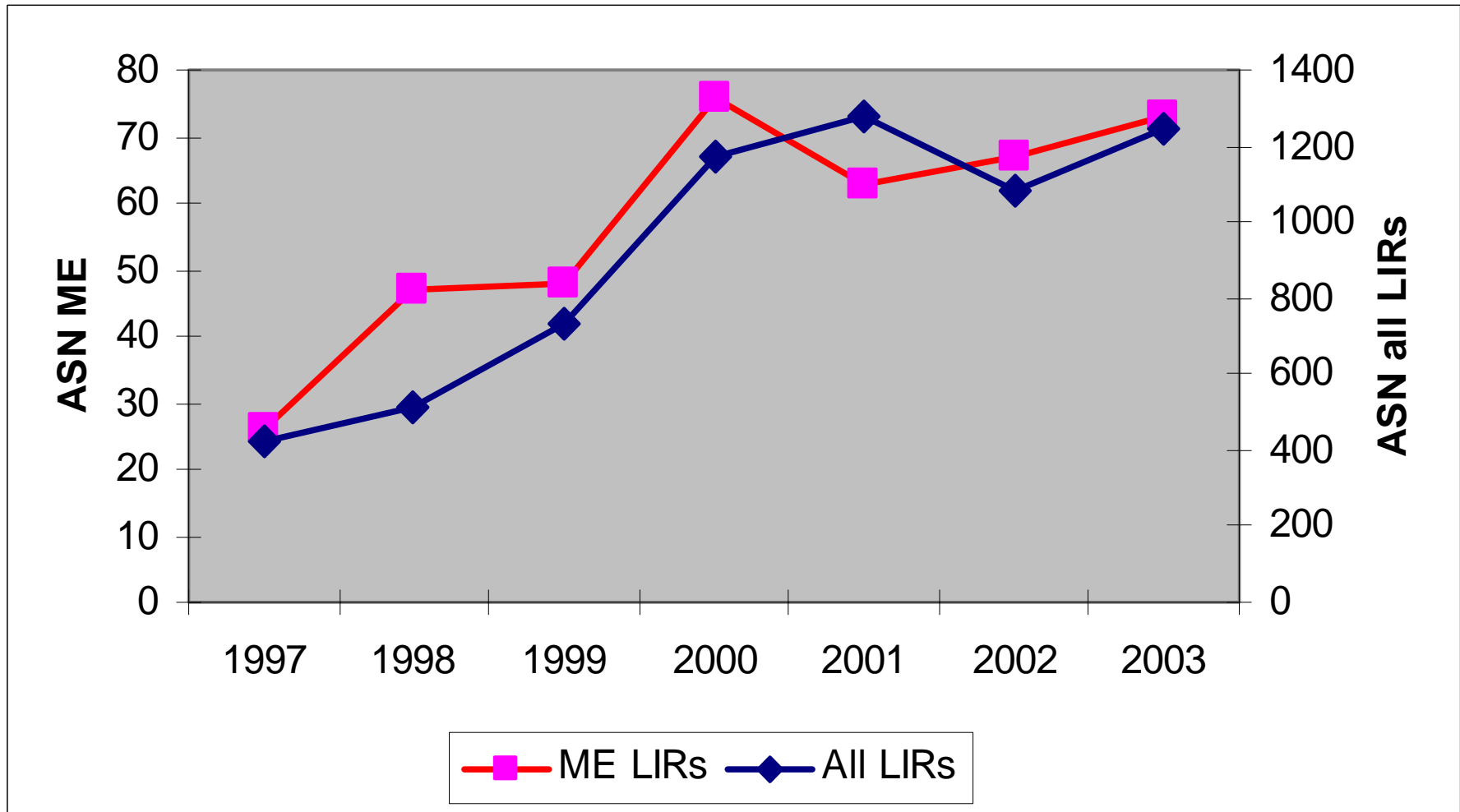
IPv4 Broadband Addresses (ME)



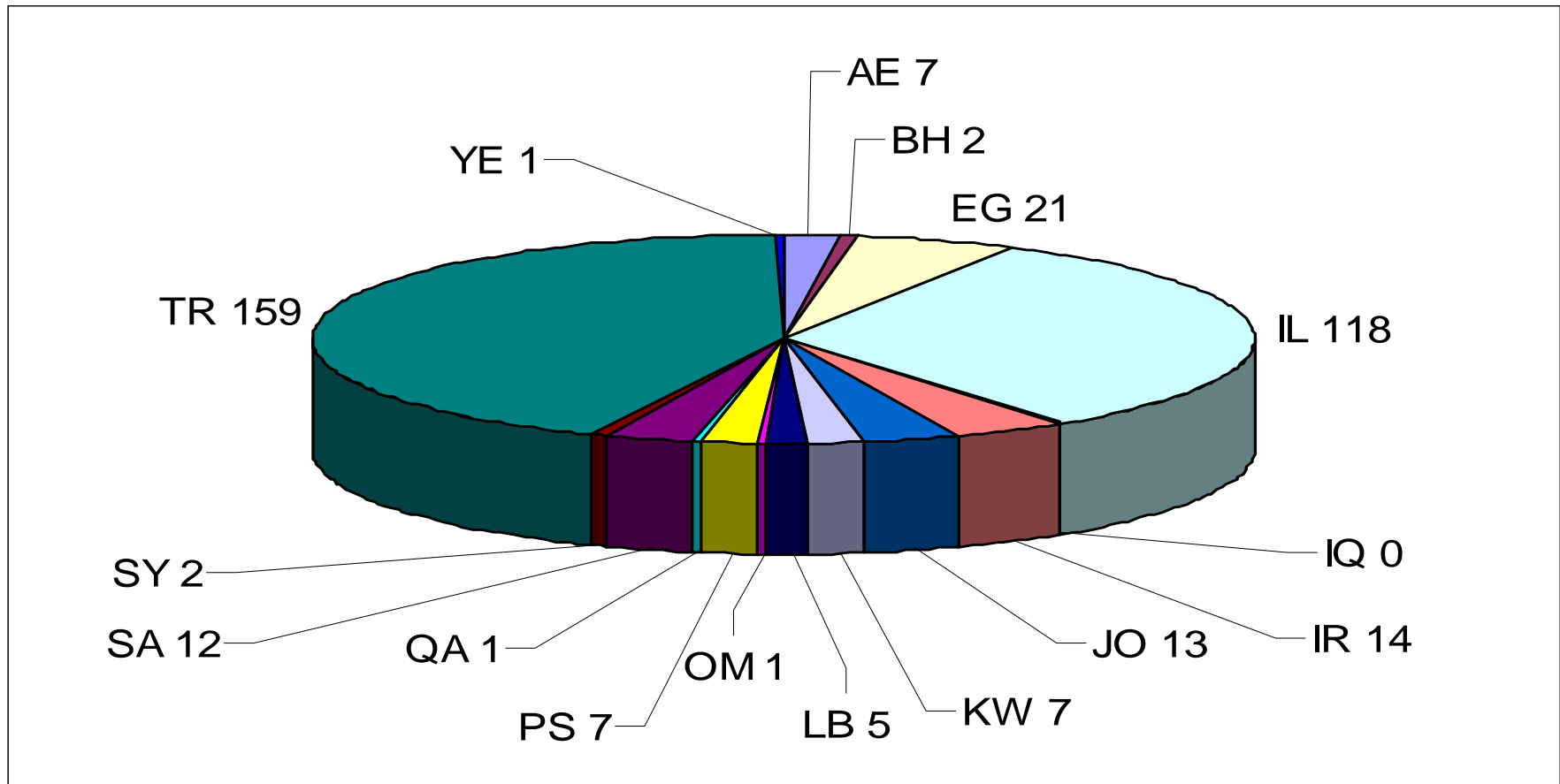
Rate of Growth ASN



AS numbers assigned



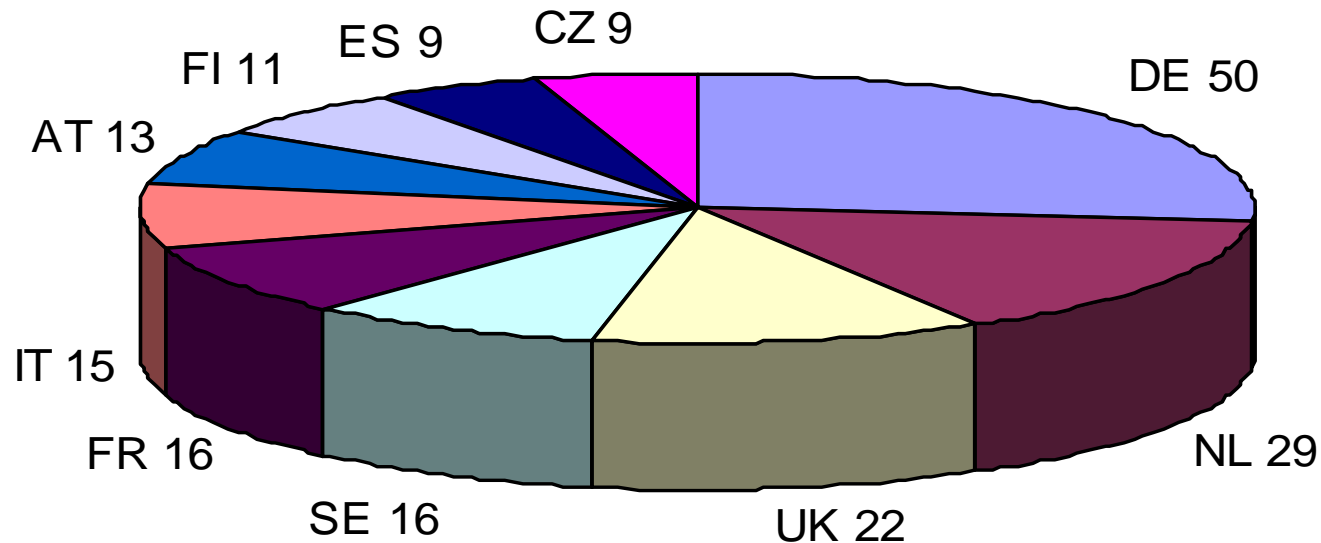
AS numbers Assigned Middle East (all time)



IPv6 Allocations

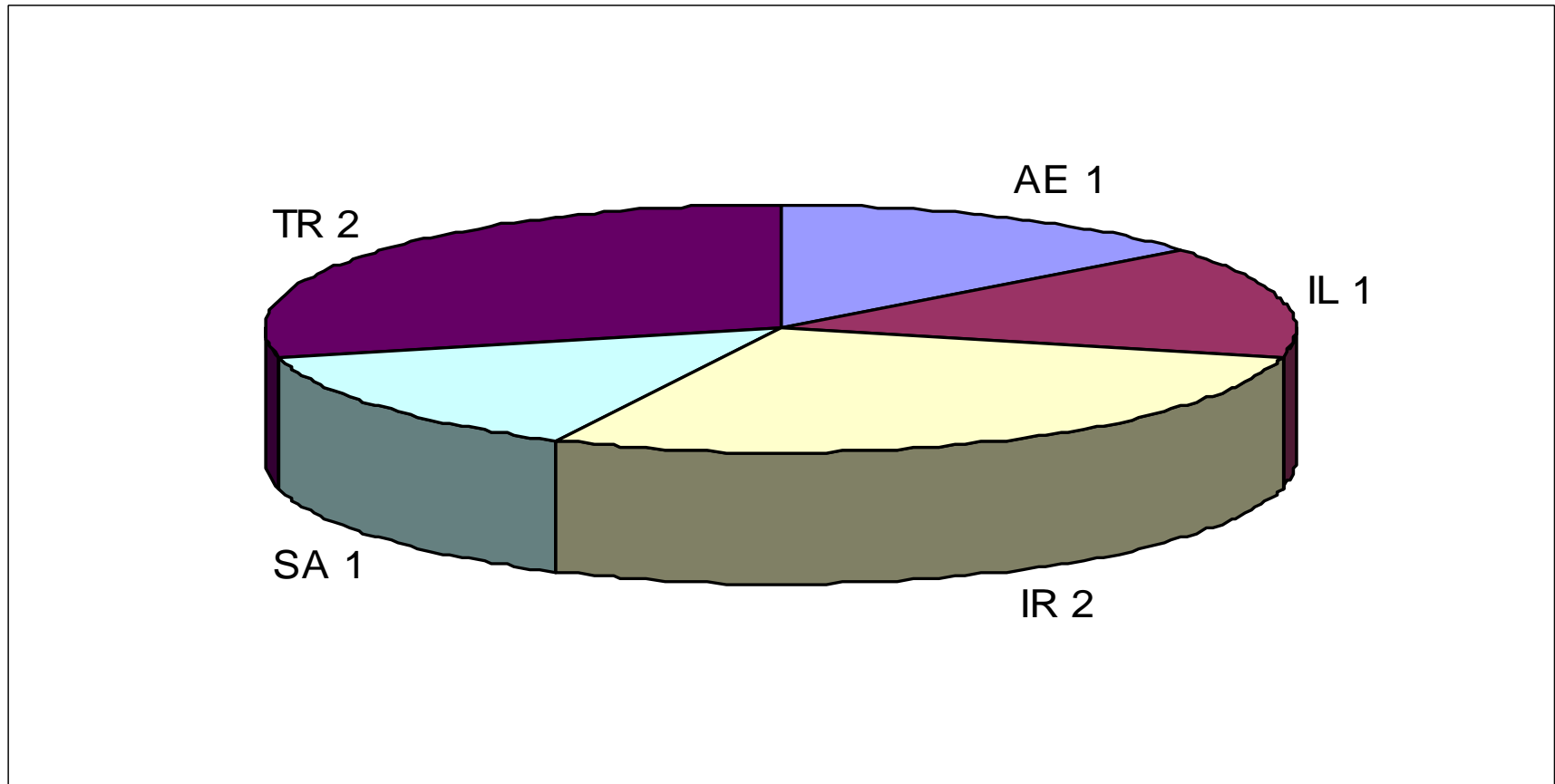
	2003	All time
/23 Blocks from IANA	2	5
/32 IPv6 Allocations	139	265
/48 IPv6 assignments to IXPs	21	36

Top Ten Countries IPv6 (all time)



IPv6 Allocations

Middle East (all time)



Summary

The Middle East accounts for approximately:

- 5.3% of RIPE NCC members (4.9% active members)
- 5.5% of requests for Services / Resources
- 4.2% of IPv4 space allocated
- 2.4% of IPv6 space allocated
- 7.5% of ASN assigned

Hostmaster Consultation Centre

- Located in the “Platinum Room”
- Opening times:
 - **Sunday** **8.30am** - **5.30pm**
 - **Monday** **8.30am** - **5.30pm**
- Eamonn, Filiz and Arno attending



Questions...

And answers



Links:

RIR Comparative policy overview

- <http://www.ripe.net/rs/rir-comp-matrix-rev.html>

Updated IPv4 Policy Document

- <http://www.ripe.net/ripe/docs/ipv4-policies.html>

New Organisation Object Consultation

- <http://www.ripe.net/ripe/mail-archives/ncc-services-wg/2003/msg00304.html>

New Request forms for IPv4, IPv6 and AS Numbers

- <http://www.ripe.net/ripe/docs/internet-registries.html#request>