

APNIC Update

ARIN-VII

San Francisco, April 2001



APNIC Update

- ◆ Year 2000 Overview
- ◆ Membership
- ◆ Human Resources
- ◆ Resource Services
- ◆ Activities and Projects
- ◆ Meetings

Year 2000 Overview

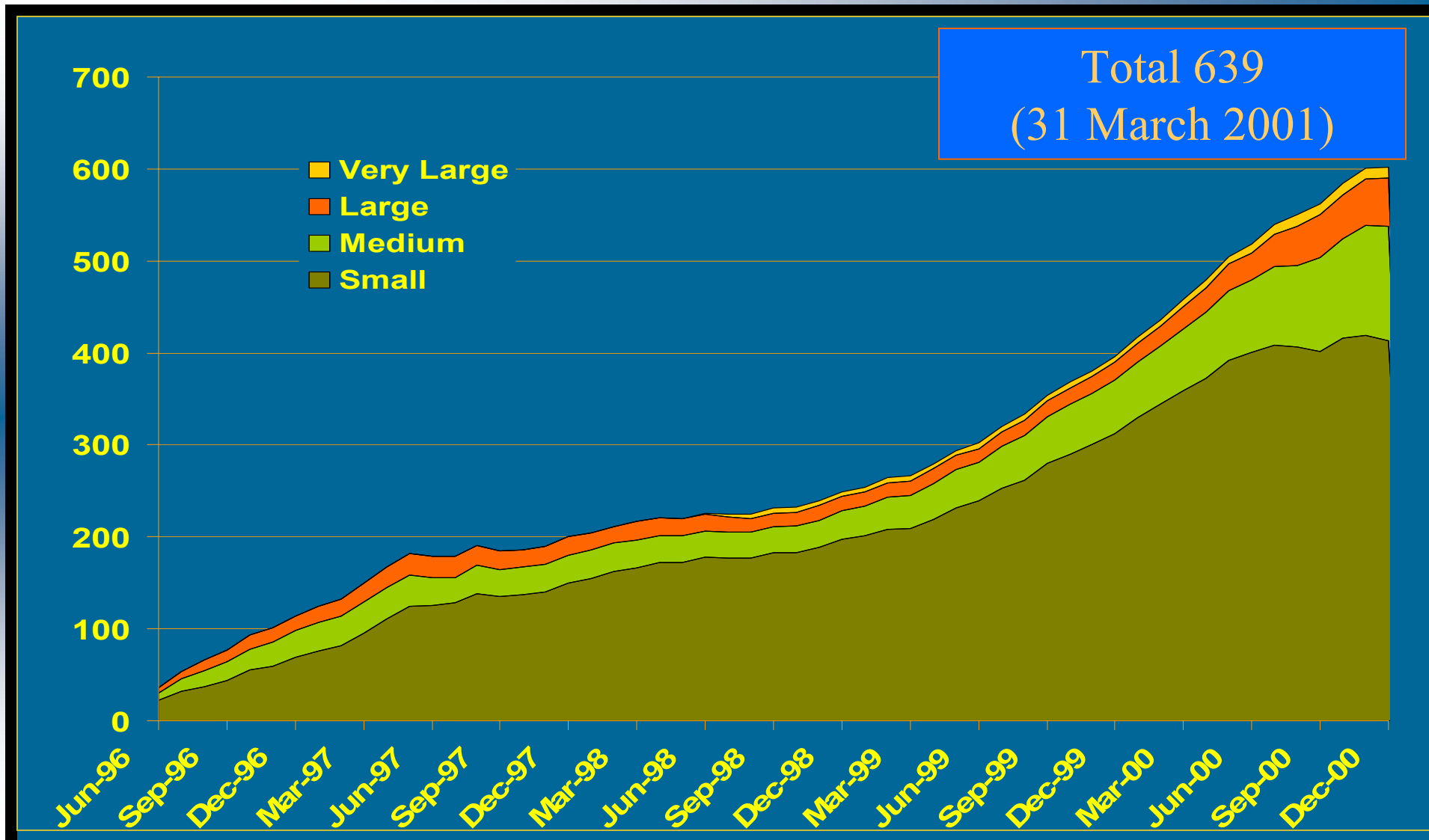
- ◆ Membership
 - ◆ Members: from 381 to 602 (58% growth)
 - ◆ Countries: 37 of 62 AP economies
- ◆ Resource Allocations
 - ◆ IPv4: from 2.42 to 3.71 x /8 (53% growth)
 - ◆ IPv6: from 6 to 24 subTLAs (400% growth)
 - ◆ ASN: from 1042 to 1663 (60% growth)
- ◆ Secretariat
 - ◆ Staff: from 12 to 22 staff members (45% growth)
 - ◆ Representing 13 AP economies
 - ◆ Tickets: 25,337 processed

APNIC Status Report

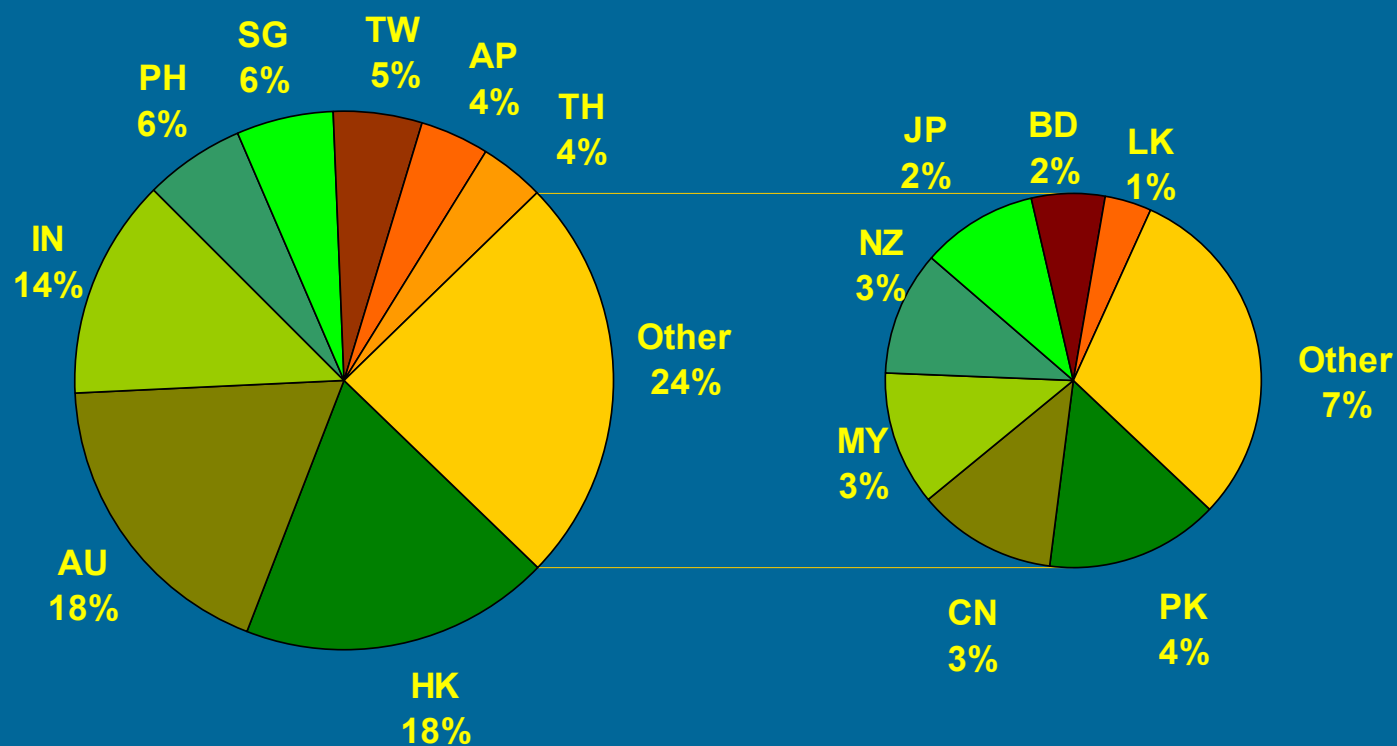
Membership



How many APNIC Members?



Where are APNIC Members?

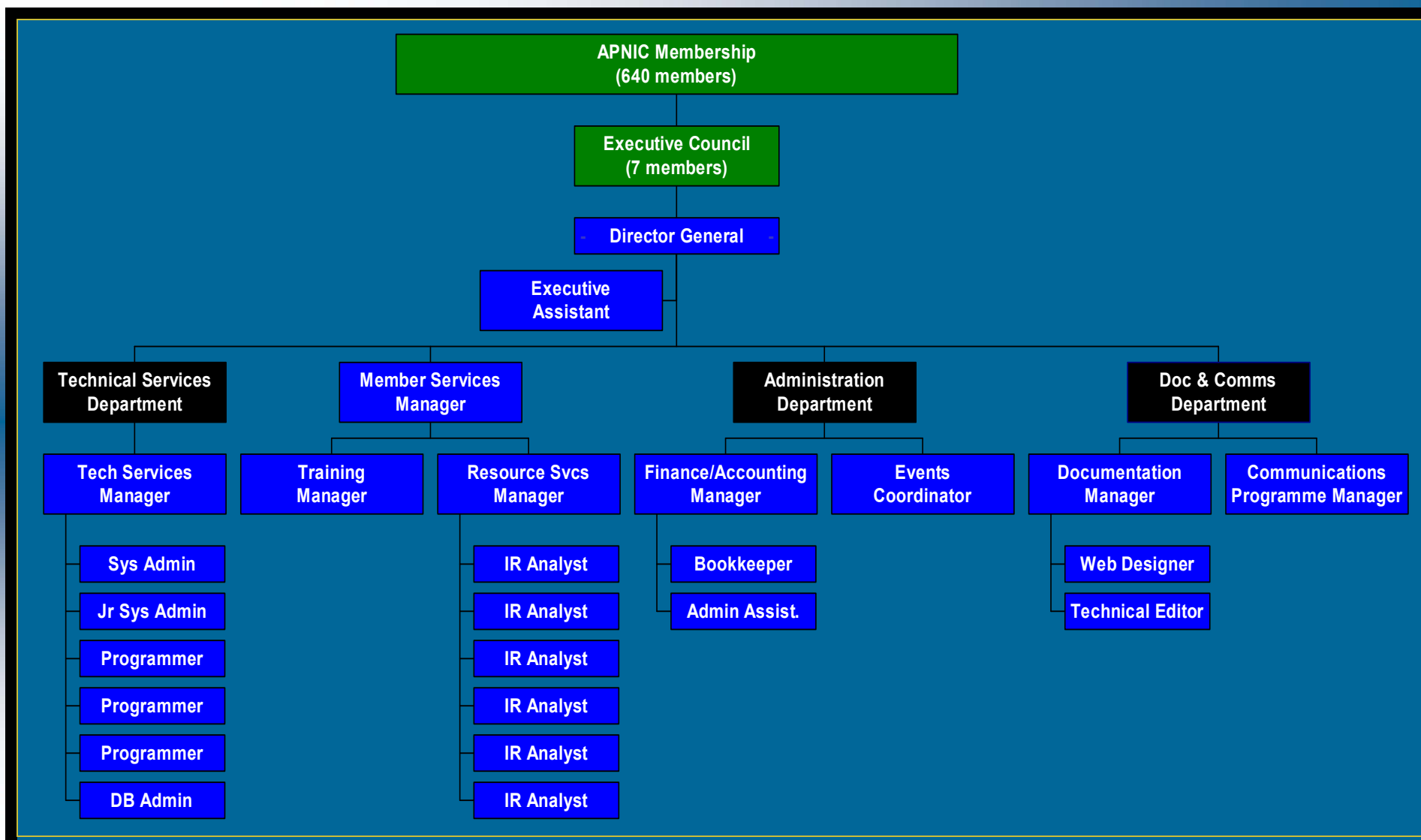


APNIC Status Report

Human Resources



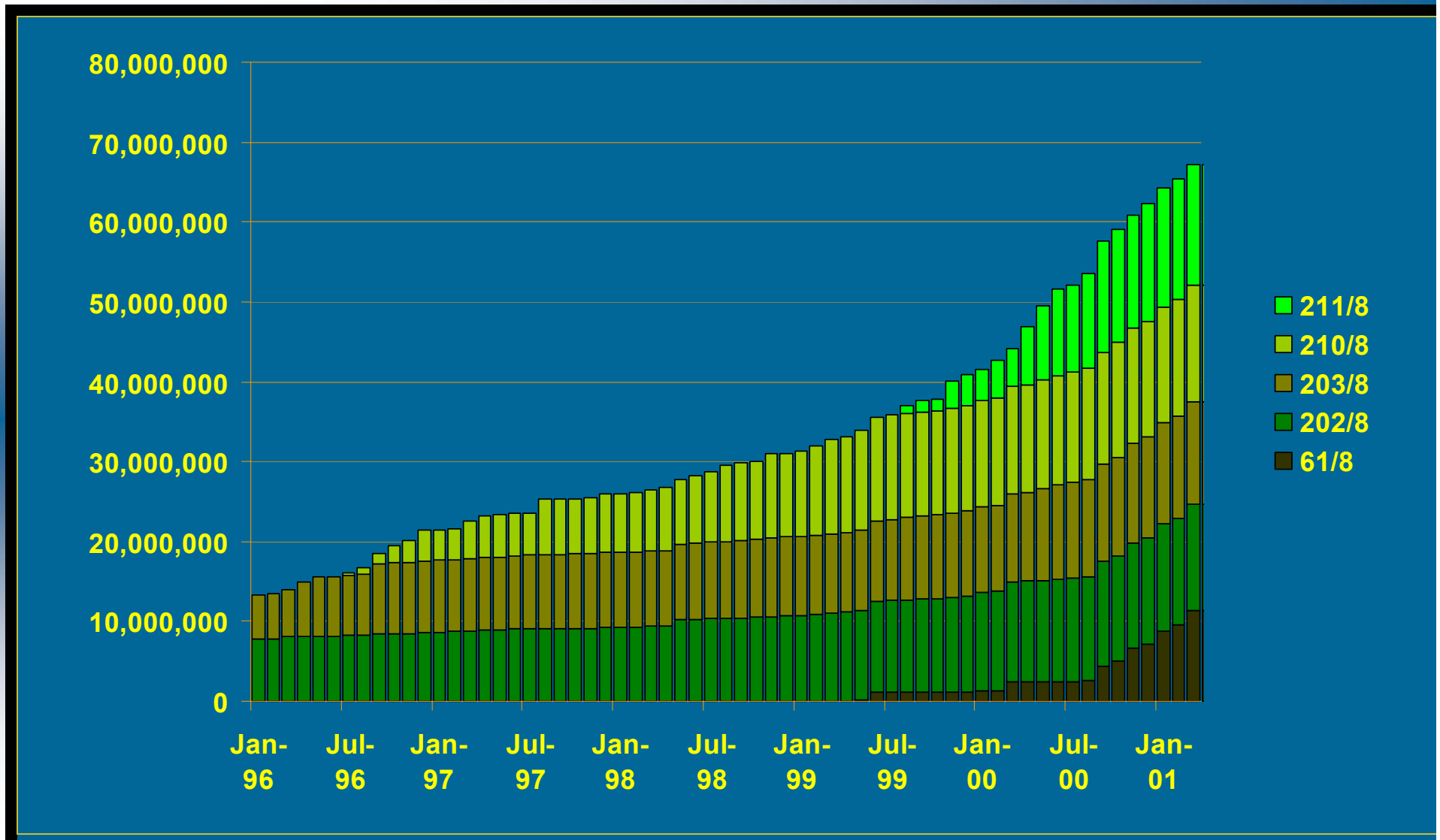
APNIC Structure



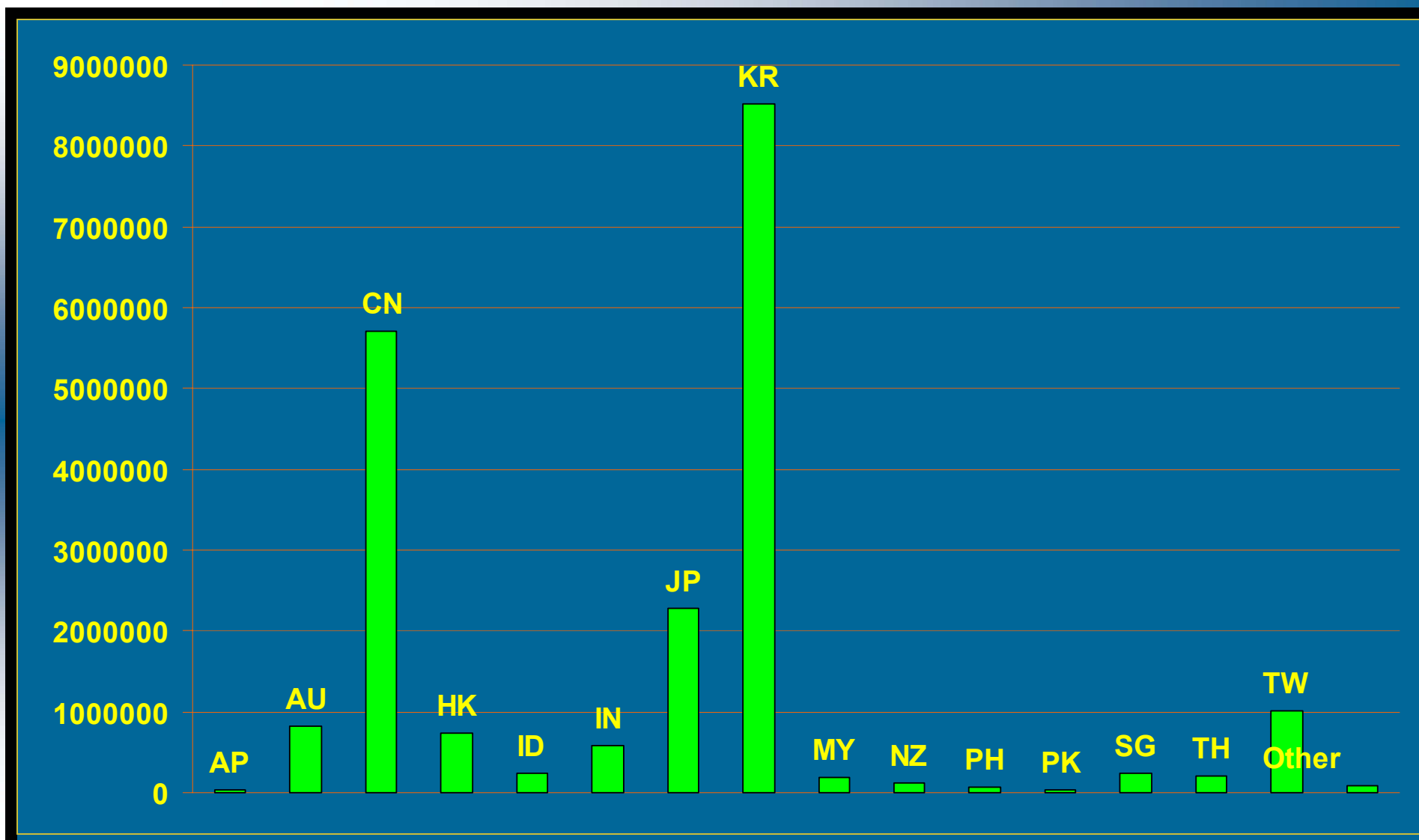
APNIC Status Report

Resource Services

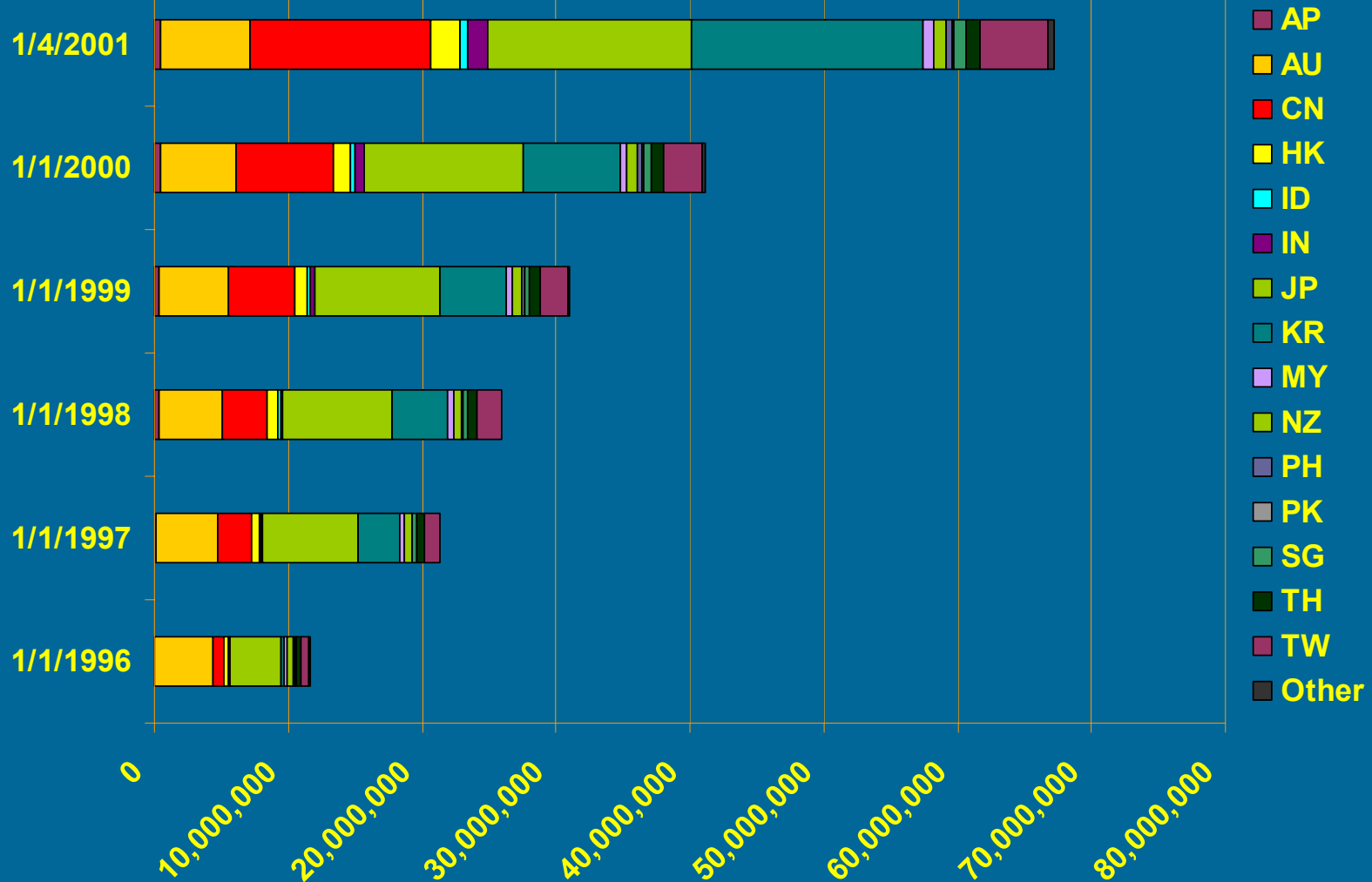
IPv4 Allocations - Total



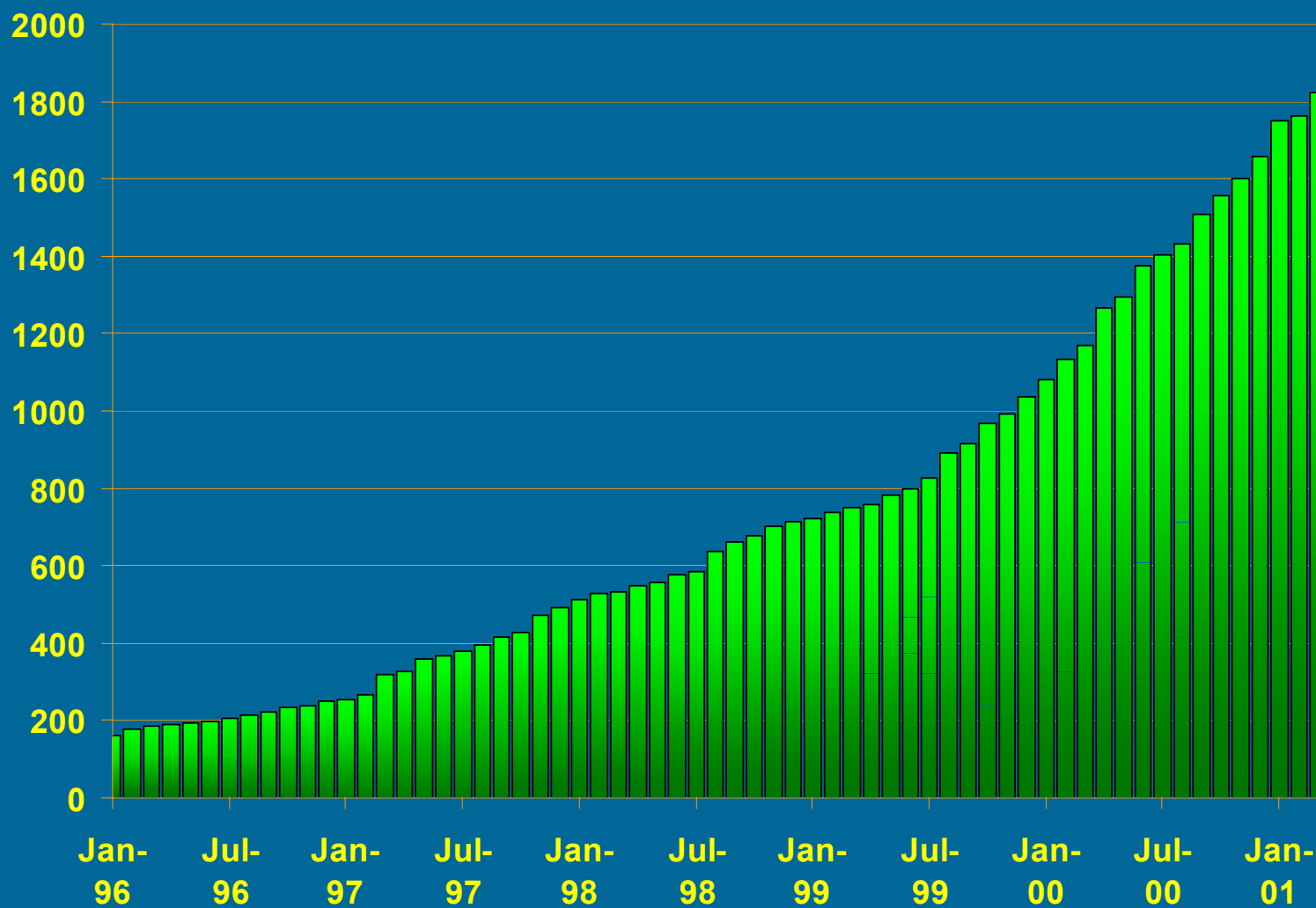
IPv4 Allocations - 2000



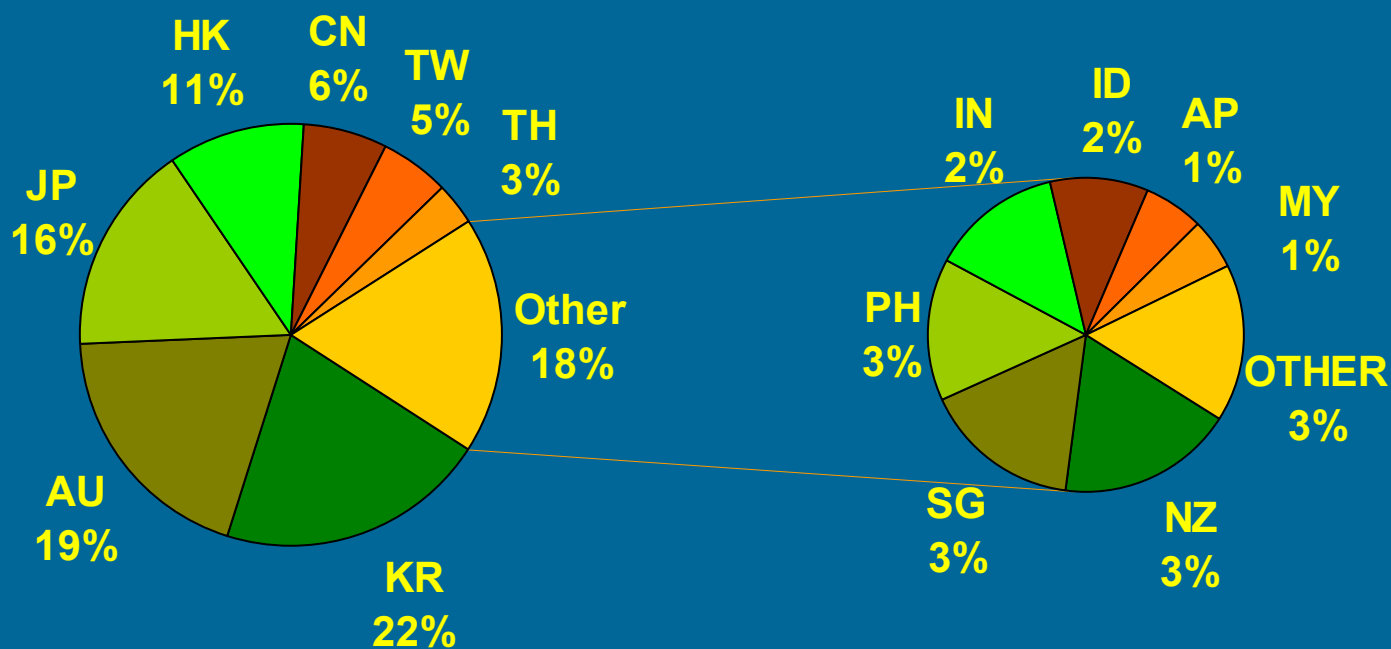
IPv4 Allocations – Distribution



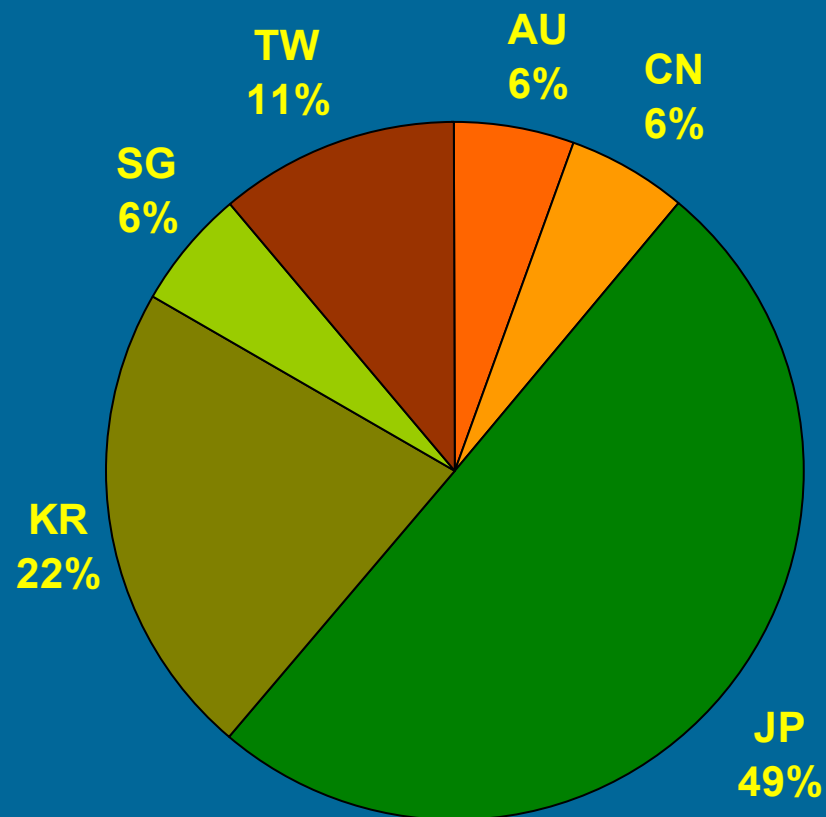
ASN Allocations - Total



ASN Allocations - Distribution

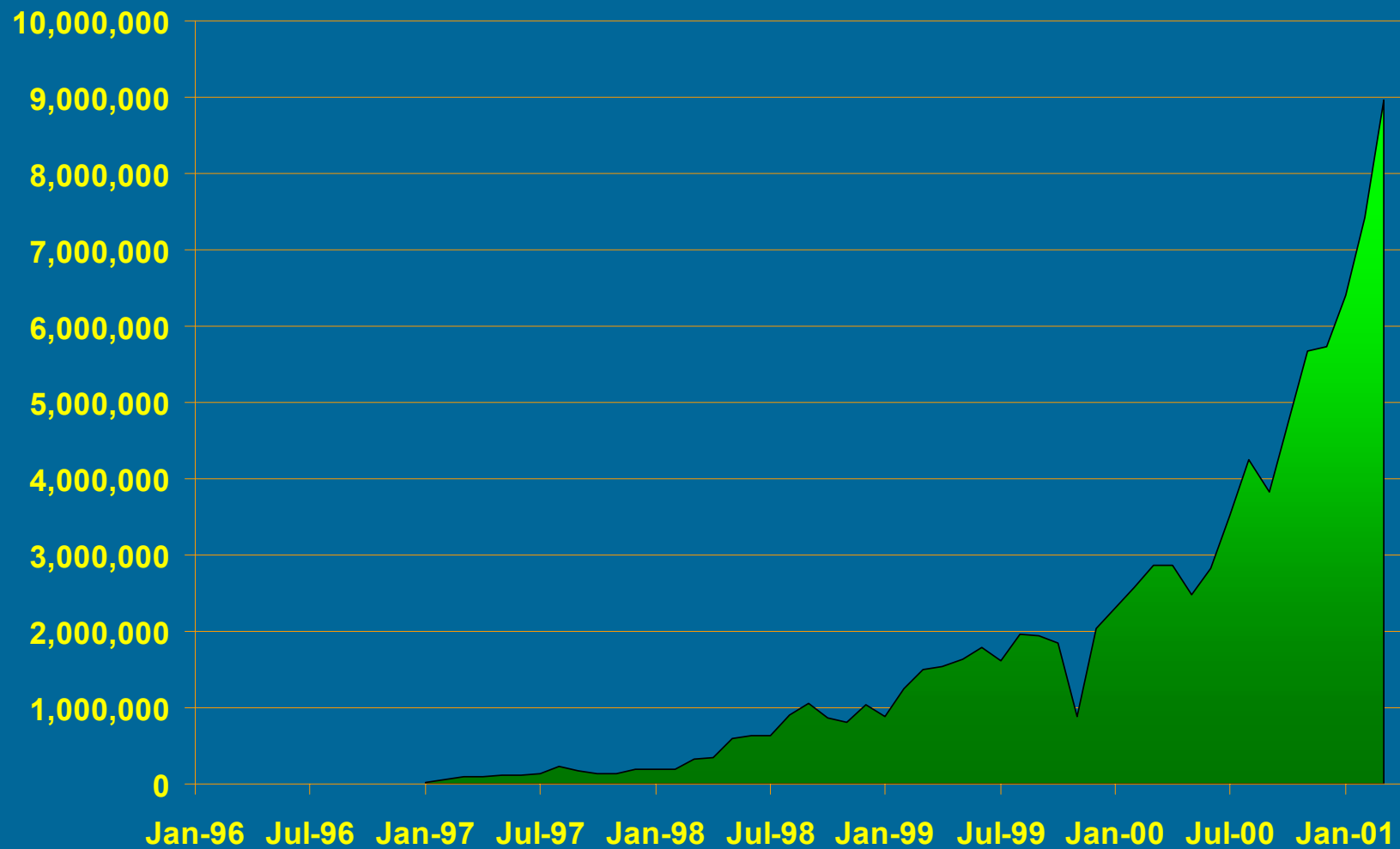


IPv6 Allocations - Distribution





Whois Queries



APNIC Status Report

Activities and Projects

Training

- ◆ Training courses in 2000
 - ◆ KR, CN, ID, VN, TH, AU, NZ/Pacific, TW
 - ◆ 350 trainees in total
 - ◆ Regular evaluation and review

- ◆ Training course in 2001
 - ◆ MY, SG, IN, HK*
 - ◆ 200-250

- ◆ APNIC Seminars
 - ◆ Open events held in most training locations
 - ◆ ICANN/Governance seminars with APTLD
 - ◆ ID & NZ
- ◆ Schedule under development
 - ◆ “Expressions of Interest” may be submitted


Software Development

- ◆ Complete
 - ◆ Automated in-addr form processing
 - ◆ AS number parser
- ◆ Under development
 - ◆ Automated ISP request parsing* (beta)
 - ◆ Upgraded ticketing system - RT2 (beta)
 - ◆ Allocation manager
 - ◆ Membership manager (beta)
 - ◆ New accounts system integration
 - ◆ “MyAPNIC”

Automated ISP request parsing

APNIC - ISP Address Request - 1 - Microsoft Internet Explorer

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APNIC - ISP Address Request

Applicant information

APNIC will use these contact details for all correspondence relating to this request. Please enter the APNIC account name of the organisation that requires the address space.

Your name:	<input type="text"/>	?
Your email address:	<input type="text"/>	
APNIC account name: <small>Example: SPARKYNET-ID</small>	<input type="text"/>	?
Create password for this request (4-8 characters):	<input type="text"/>	?
Confirm password:	<input type="text"/>	

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1. applicant

2. contact

3. network

4. connect

5. config

6. customer

7. infra

8. plan

9. comments

10. confirm


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Local intranet

Automated ISP request parsing

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APNIC - ISP Address Request

Network name

The details you provide here will be used to identify the proposed network in the APNIC Whois database.

Name of network: ?
Example: SPARKYNET

Description of organisation: ?
Example: SparkyNet, Sdn Bhd, Internet Service Provider, Pinang, Malaysia

Country: ?

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1. applicant 2. contact 3. network 4. connect 5. config 6. customer 7. infra 8. plan 9. comments 10. confirm

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APNIC

APNIC

Plan

The information you provide here will help APNIC on the options selected, APNIC may require r

Indicate the following configurations to be supported by this network:

☒ All 0s subnet ?

☐ All 1s subnet ?

☐ Portable Addresses ?

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1. applicant 2. contact 3. network 4. connect 5. config 6. customer 7. infra 8. plan 9. comments 10. confirm

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APNIC ISP Request Help - Microsoft Internet Explorer

All 0s subnet

Check this option if your network can support "all zeros subnets".

If your network cannot support "all zeros subnets", you should provide an explanation in the ADDITIONAL COMMENTS section.

Please note, routers from all major vendors are now able to support "all zeros subnets", although it may be necessary to alter the default configuration. Please consult your router vendor for more specific information.

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Automated ISP request parsing

APNIC - ISP Address Request - 6 - Microsoft Internet Explorer

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Name

Address

Mask

Hosts now

Hosts in 6 months

Hosts in 1 year

Subnets now

Subnets in 6 months

Subnets in 1 year

Date assigned

Add Information

How to complete this page

There are two options for using this page to provide details of your customer network:

- 1. Use the form to build your assignment details**
 - Use the fields on the left of the form to specify the required elements for each customer assignment.
 - When you have completed the fields, click "Add Information" to transfer that assignment information to the text box in the correct format.
 - Repeat this process for each assignment in your customer network.
- 2. Upload a text file**
 - If you have a text file on a local drive describing your customer network assignments in the correct format, you may click "Upload Text File".
 - Follow the prompts to locate the file and attach it to this request form.

Upload Text File

Browse...

Done **Local intranet**

Policy Developments

- ◆ APNIC Fee Structure
 - ◆ Category now determined by allocations
 - ◆ Active for new members and renewals
- ◆ Address policy changes
 - ◆ Regular allocations from 61/8
 - ◆ Minimum allocation /20
 - ◆ Lease-based allocations
 - ◆ All active from August 2000

Service Developments

- ◆ In-addr redistribution
 - ◆ Transfer of legacy whois & in-addr from ARIN
- ◆ IRR
 - ◆ Server platform research and selection
 - ◆ RIPE DBv3
 - ◆ Porting/testing new RIPE NCC server
 - ◆ Public beta with APNIC data – February
 - ◆ rpsl.apnic.net



Certification Authority

- ◆ Response to member concerns on security
 - ◆ Email authentication and privacy
 - ◆ Website authorisation
- ◆ X.509 certificates
 - ◆ Industry-standard “single-password” system
- ◆ Trial certificates being issued now
 - ◆ Identity certificates for APNIC members
 - ◆ Later: Attribute certs for resource allocations

APNIC Status Report

Meetings

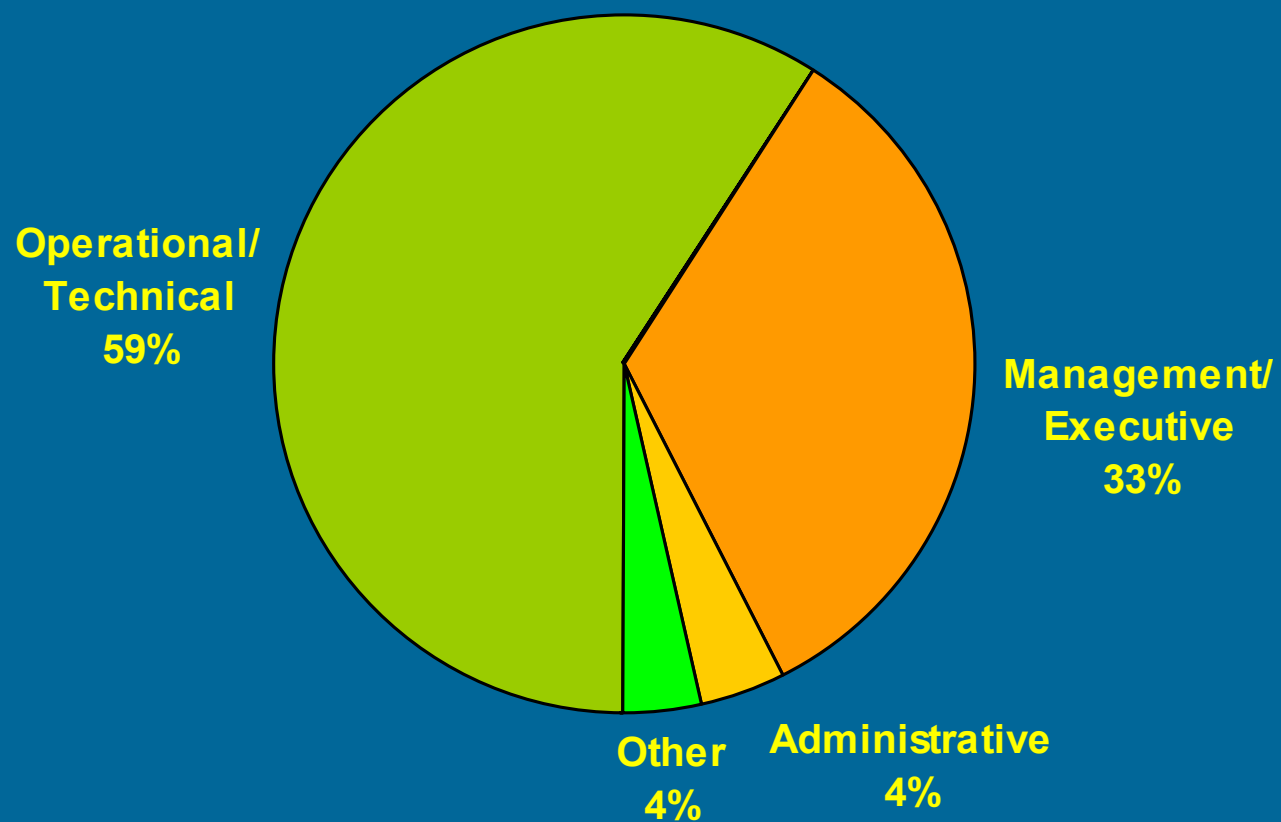
Meetings

- ◆ APNIC-10, Brisbane, October 2000
- ◆ New meeting format
 - ◆ 1 day APNIC training
 - ◆ 3 day standalone meeting
 - ◆ Policy, technical tracks and tutorials
 - ◆ SIGs, plenary sessions and BOFs
 - ◆ Routing, DB, DNS, Address Policy, IPv6
 - ◆ APNIC Member Meeting

Meetings

- ◆ APNIC-11, Kuala Lumpur, February-March 2000
- ◆ In conjunction with APRICOT
 - ◆ APNIC provided conference track
 - ◆ APNIC training course
 - ◆ SIGs, BOFs
 - ◆ Hostmaster consultation sessions
 - ◆ APNIC Member Meeting

Attendee Profile



Next Meeting

- ◆ APNIC-12
 - ◆ 28-31 August 2001
 - ◆ Taipei, TW
 - ◆ Hosted by TWNIC

APNIC Update

Questions?