

# APNIC Update

RIPE 41

Amsterdam, 14-18 January, 2002



# Overview

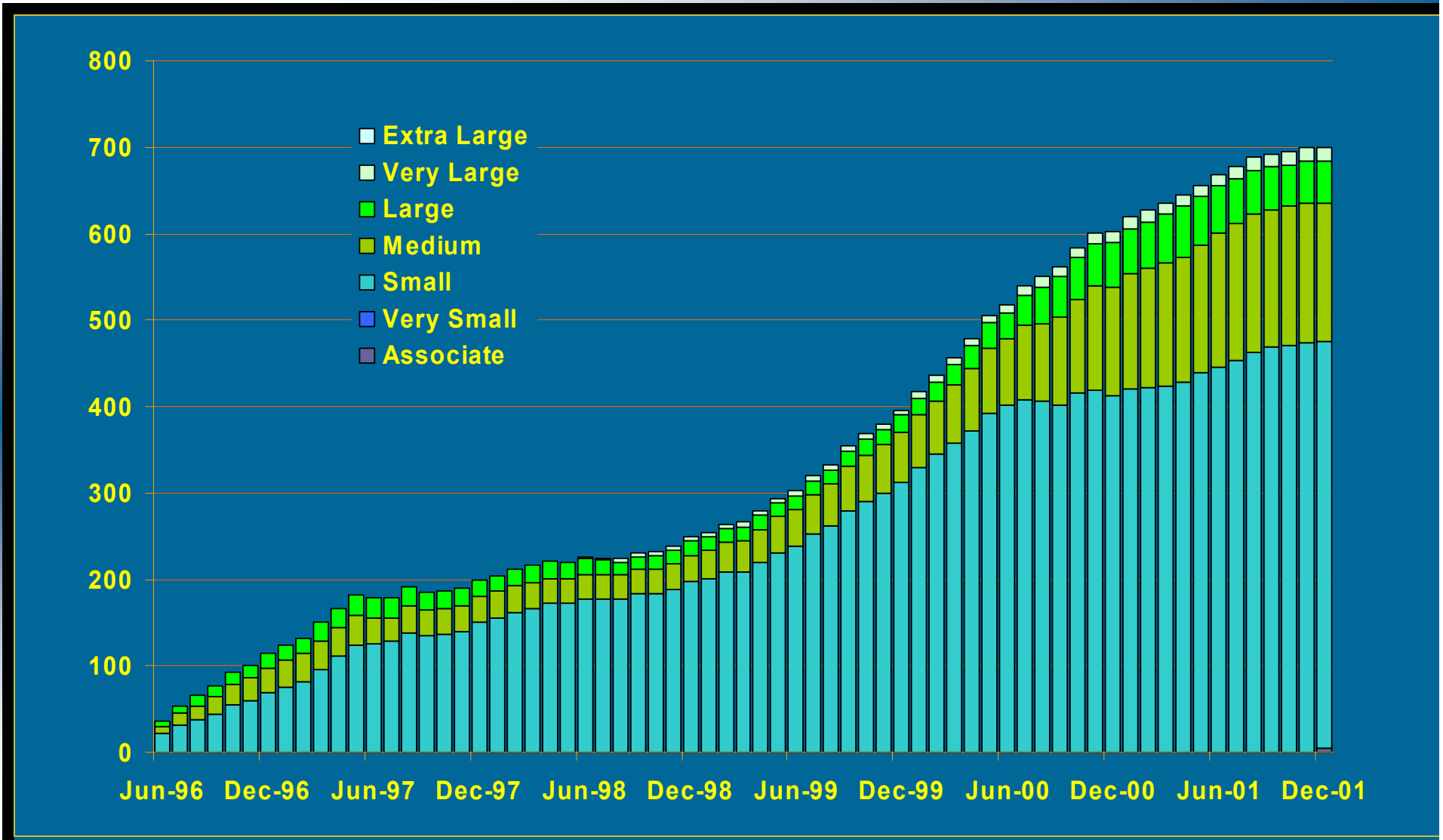
- ◆ Membership
- ◆ Resource Services
- ◆ Human Resources
- ◆ Activities and Projects
- ◆ Meetings

# APNIC Update

## Membership

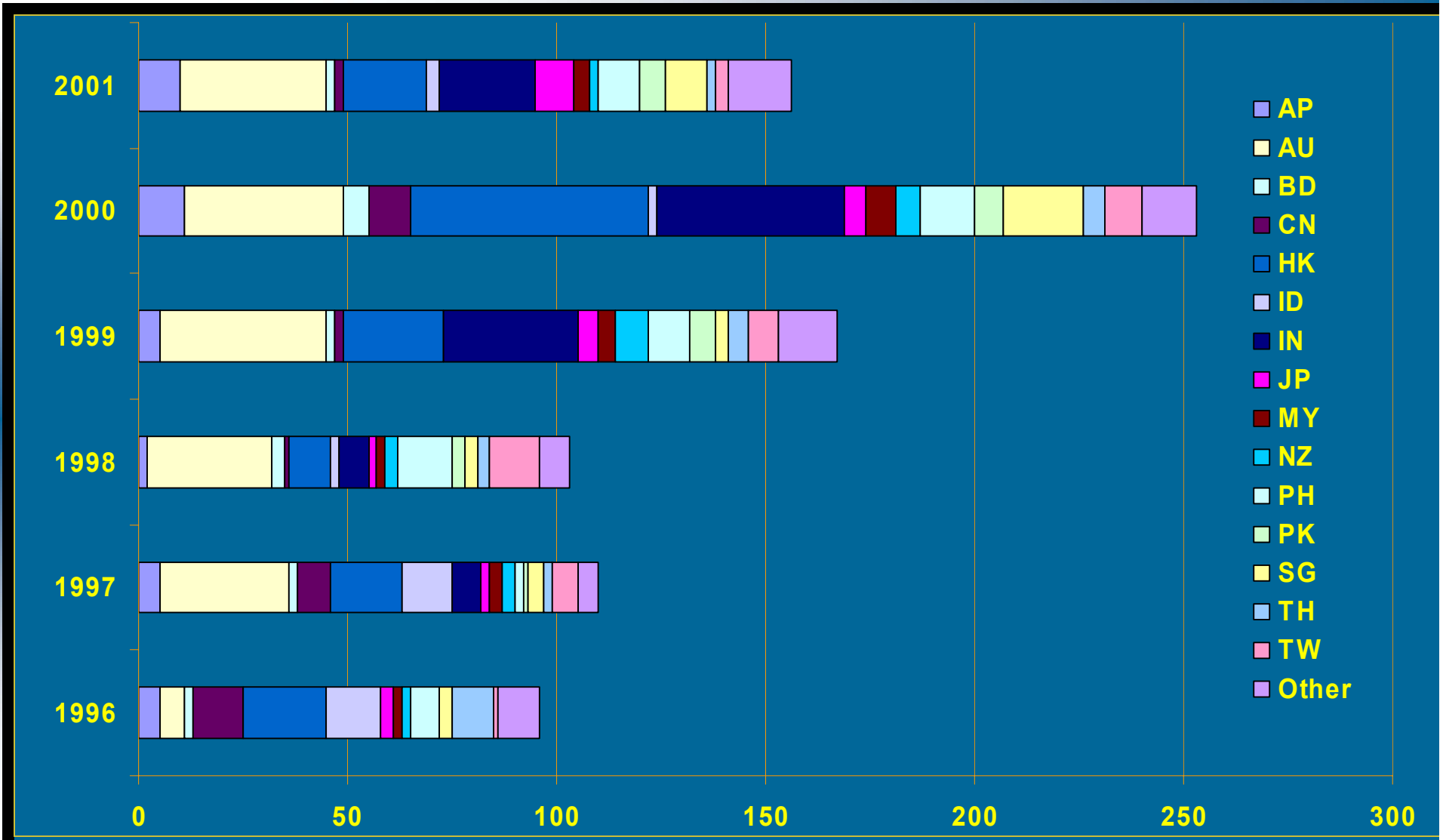


# APNIC Membership Growth





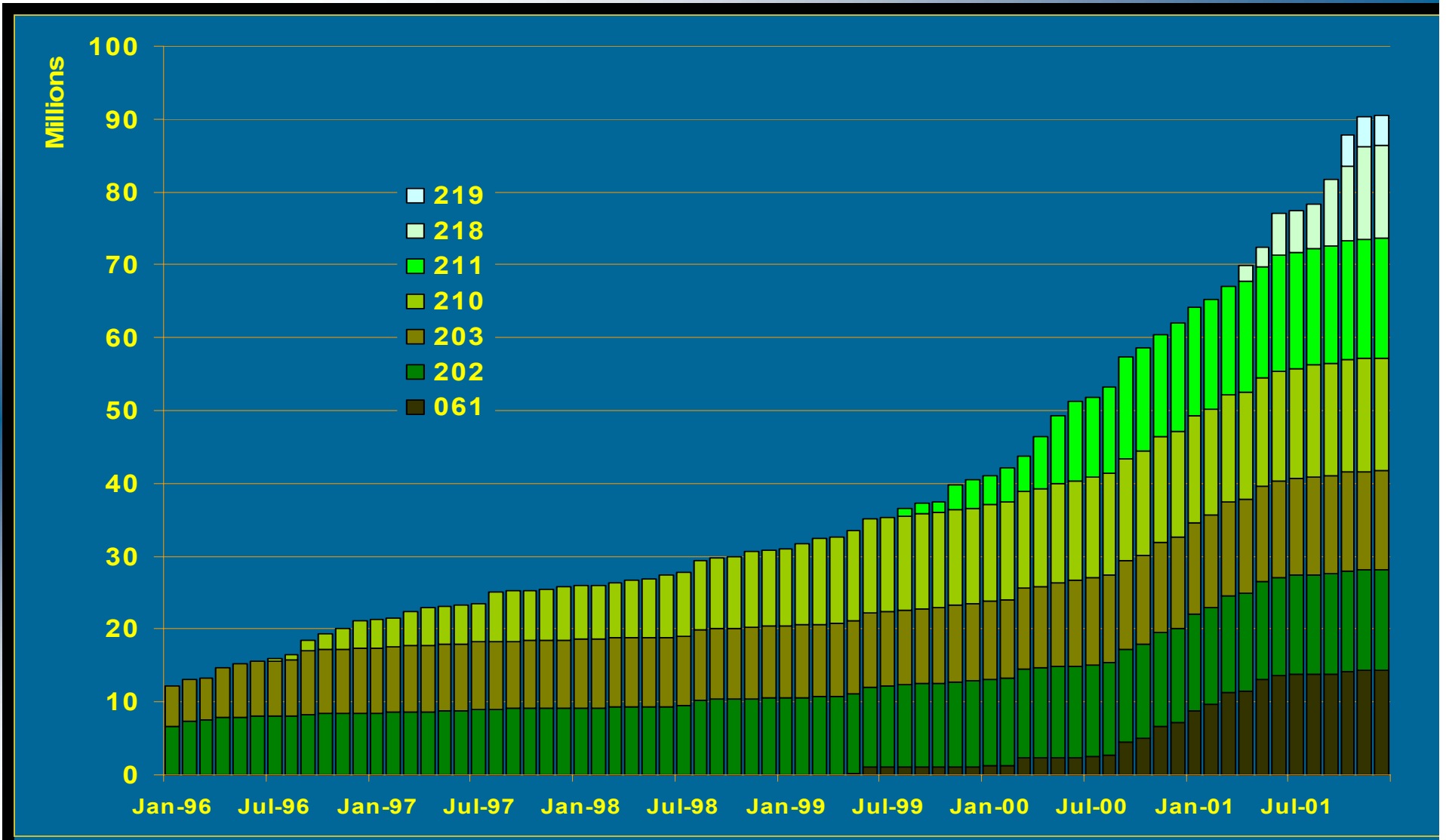
# Distribution of New APNIC Members



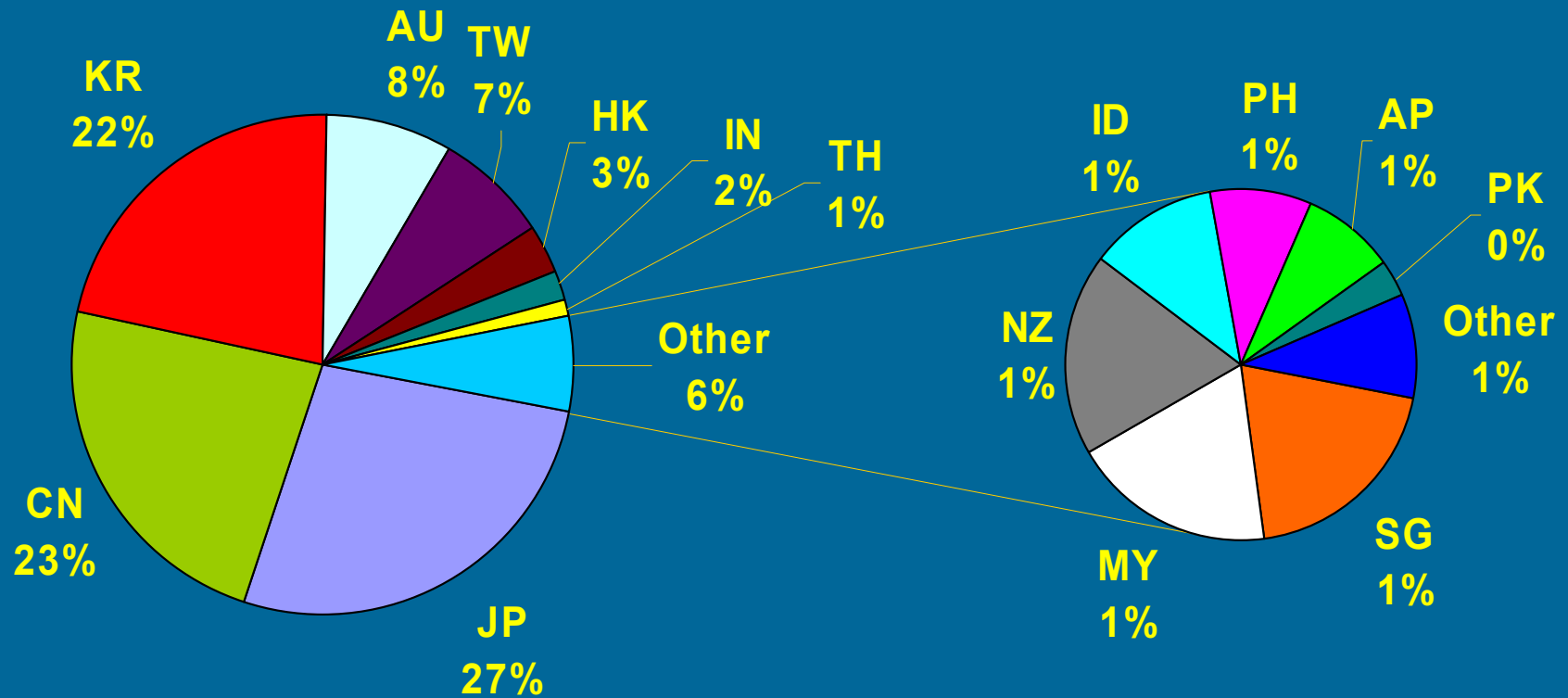
# APNIC Update

## Resource Services

# IPv4 Addresses Allocated in Total



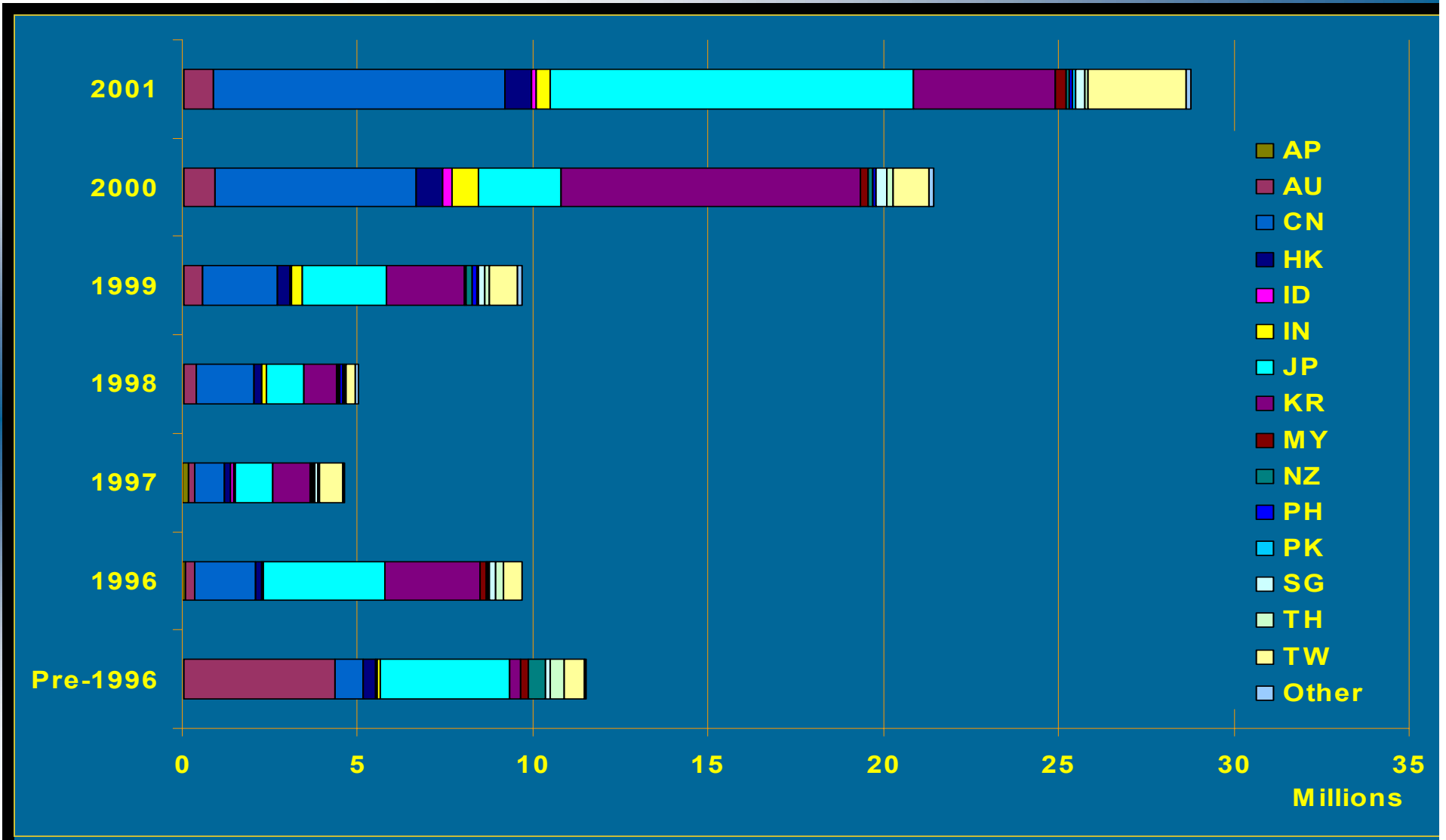
# IPv4 Address Distribution - current





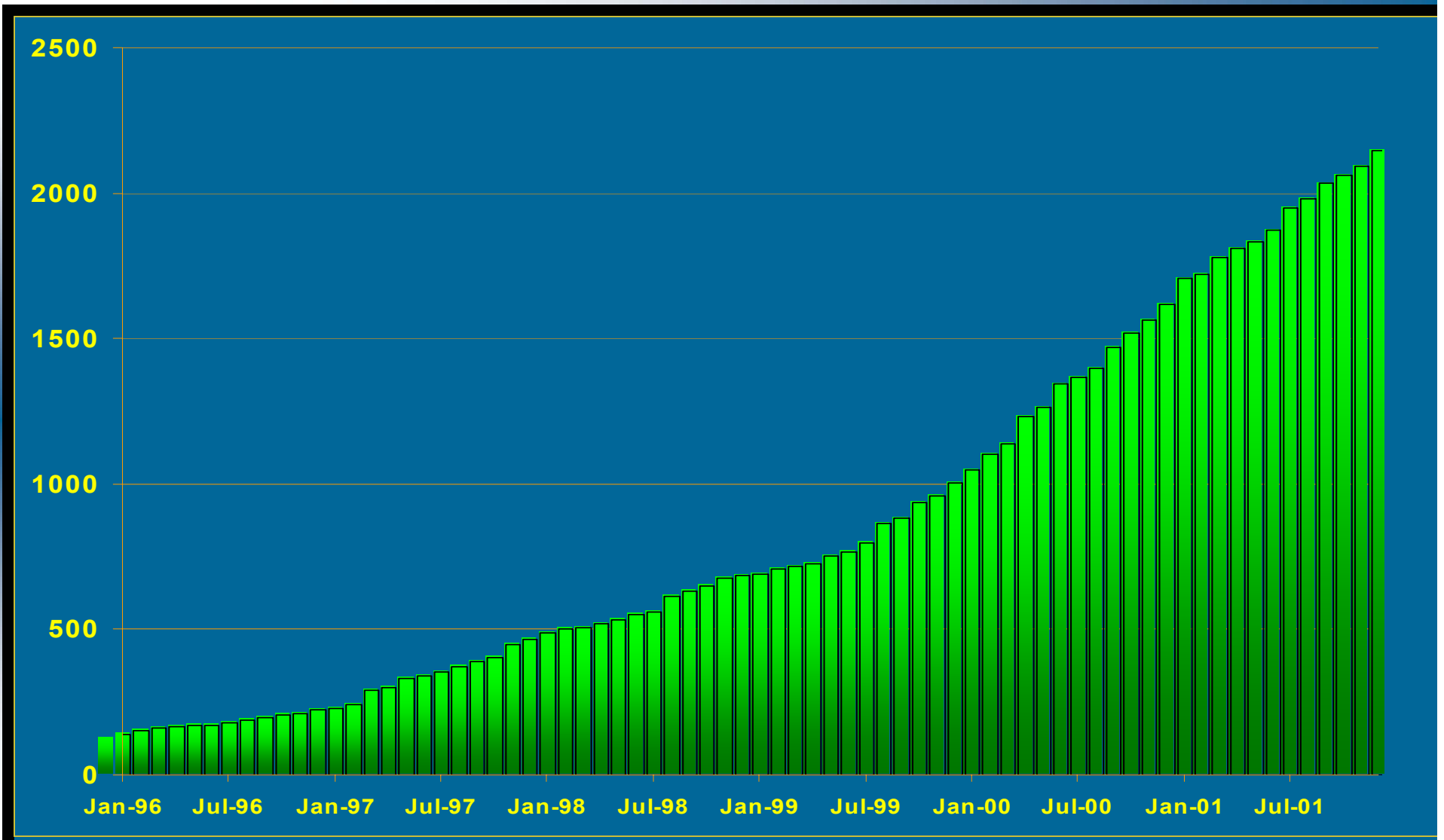


# IPv4 Address Allocations – per year

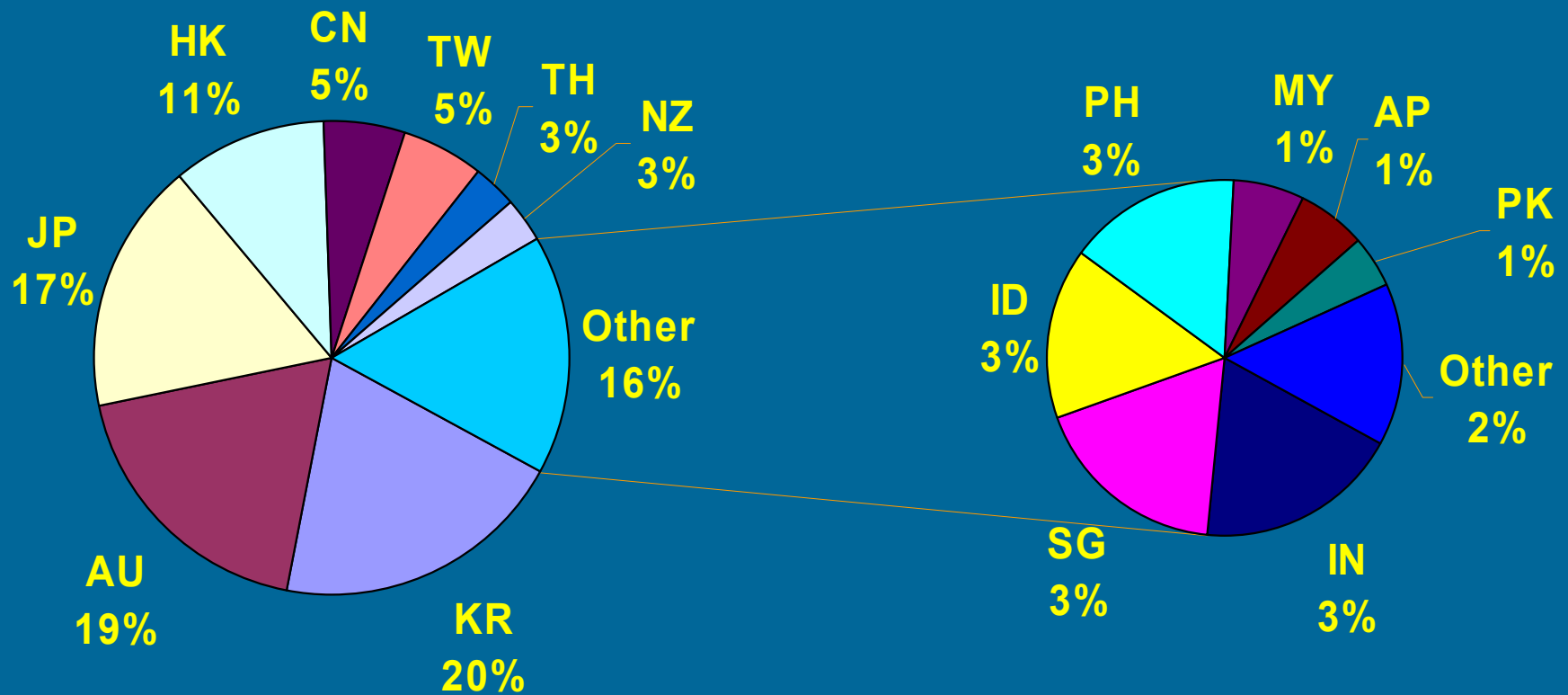




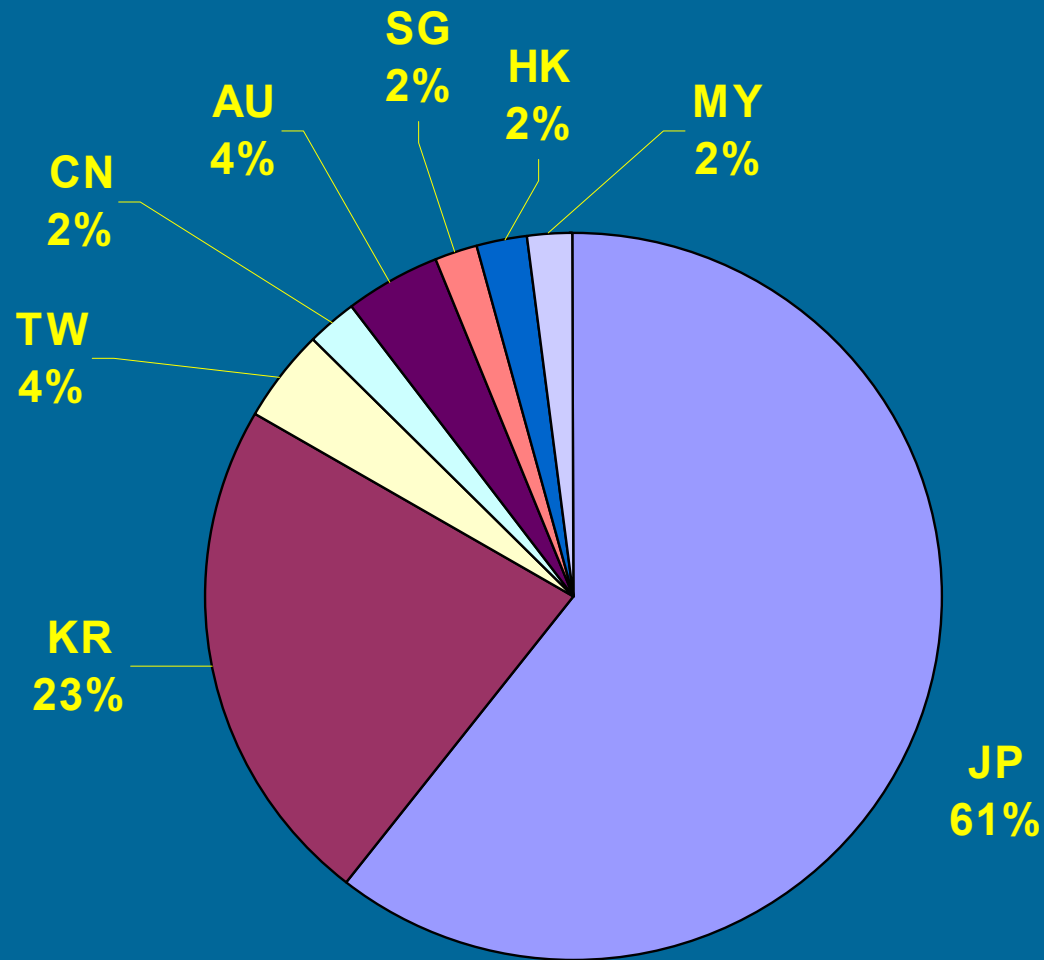
# ASNs Assignments in Total



# ASN Assignment Distribution



# IPv6 Address Distribution

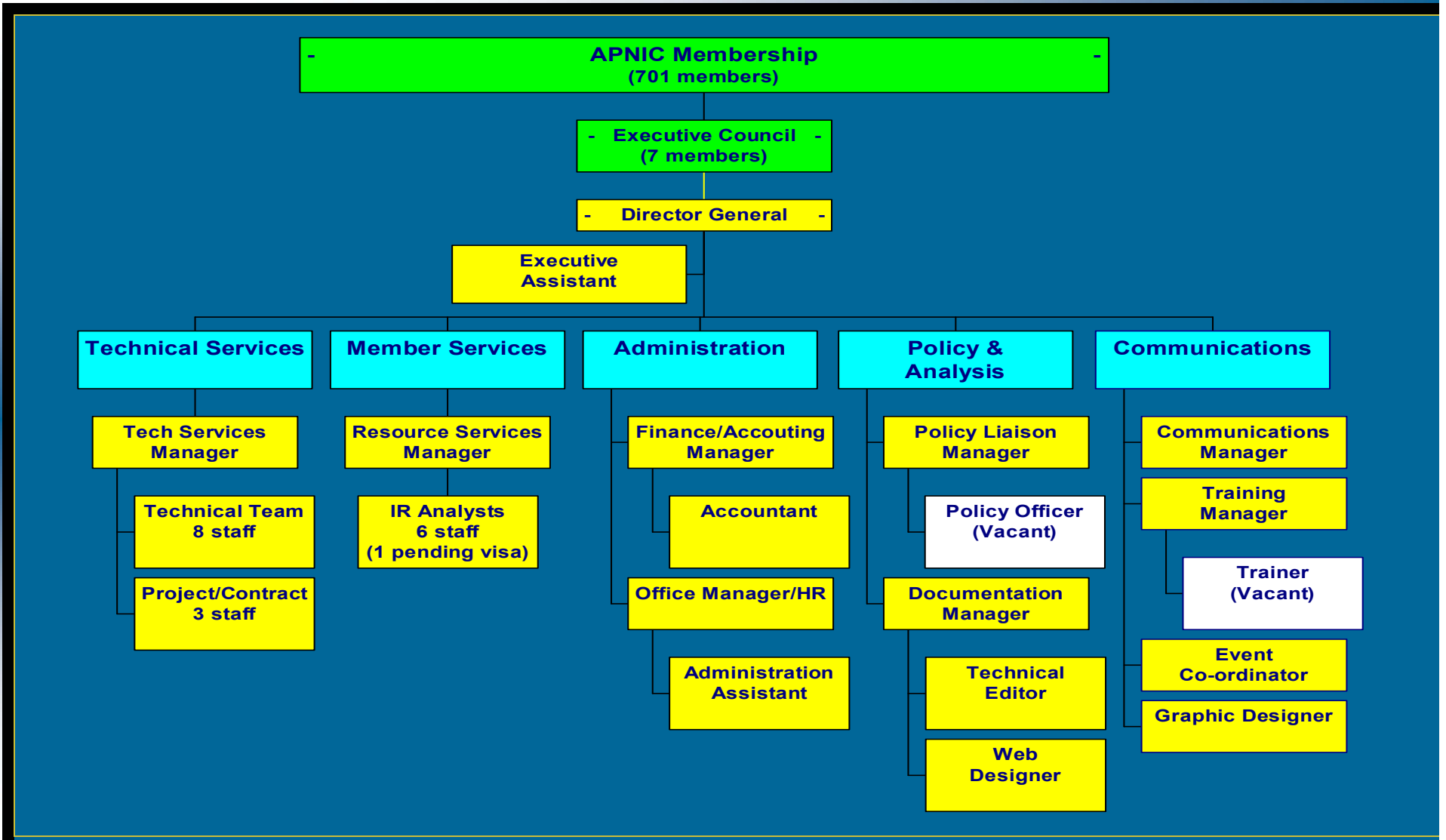


# APNIC Update

## Human Resources



# APNIC Structure



# APNIC Update

## Activities and Projects

- ◆ Training in 2002
  - ◆ Increasing staffing
  - ◆ Increase frequency
  - ◆ Develop material to support RPSL deployment
  - ◆ Ongoing involvement with AP\* outreach programme
- ◆ Future developments
  - ◆ Investigating on-line deliverables for training
    - ◆ Prototyping CBT module





# Service Developments

- ◆ RPSL
  - ◆ Testing and transition planning underway
  - ◆ Pilot at [rpsl.apnic.net](http://rpsl.apnic.net)
    - ◆ Mirror of whois.apnic.net only
  - ◆ Migration schedule to be announced in March
- ◆ Internet Routing Registry (IRR)
  - ◆ Training and support materials
  - ◆ Pilot at [irr.apnic.net](http://irr.apnic.net)
    - ◆ Mirrors numerous IRR databases
  - ◆ Service fully operational in March 2002



# Service Developments

- ◆ Distributed service architecture
  - ◆ POPs in major exchange points
    - ◆ Hardware upgrade to NSPIXP2, Tokyo,
    - ◆ Planning underway for new site at HKIX, Hong Kong
  - ◆ Tech/admin model under development
    - ◆ Geographic and server based load balancing
    - ◆ Pilot IPv4 “anycast” model
- ◆ ip6.arpa
  - ◆ Delegated and will be operational this week for APNIC IPv6 address allocations
  - ◆ Automated via ‘domain’ objects

# Member Survey

- ◆ Second member survey
  - ◆ Undertaken by KPMG
  - ◆ Extensive consultation with members and stakeholders
- ◆ Result highlights
  - ◆ Very positive overall
  - ◆ Report available on-line shortly
    - ◆ <http://www.apnic.net>

# APNIC Update

## Policy developments

- ◆ Implementation of policies
  - ◆ New text forms for
    - ◆ IPv4/IPv6 assignments for IXes
    - ◆ Small multihoming assignment policy
  - ◆ Modified web and text forms for
    - ◆ Criteria for initial allocation
    - ◆ Cable ‘bootstrap’ policy
- ◆ Work in progress
  - ◆ NIR “agency” model
    - ◆ Discussion at open NIR meeting in Bangkok



# Documentation

- ◆ Revised IPv4 Policy document drafted
  - ◆ 'Policies for IPv4 address space management in the Asia Pacific region'
    - ◆ <http://www.apnic.net/mailling-lists/apnic-announce>
  - ◆ Incorporated new and modified policies
  - ◆ Simplified language
- ◆ Work in progress
  - ◆ 'Guidelines' document for request evaluation
  - ◆ AS policy document

# APNIC Update

## Meetings



# Next APNIC Meeting (with APRICOT)

- ◆ APNIC-13, Bangkok
  - ◆ 3-7 March 2002
  - ◆ More information at:
    - ◆ <http://www.apnic.net/meetings>



- ◆ APRICOT 2002, Bangkok
  - ◆ 27 Feb-6 March
    - ◆ NEW workshops prior to main conference
  - ◆ More information at:
    - ◆ <http://www.apricot2002.net>





# APNIC Update

*Questions?*