

# RIPE 37 Local IR WG

## APNIC Member Services Report



# Overview

- ◆ News
- ◆ Membership Growth
- ◆ Statistics
- ◆ Staffing & Liaison
- ◆ Training & Translation
- ◆ Priorities



# News

- ◆ Second APNIC open meeting in 2000
- ◆ New meeting format
  - ◆ 1 day APNIC Policies training
  - ◆ 3 day meeting
  - ◆ Policy, technical tracks and tutorials
  - ◆ SIGs and plenary sessions
- ◆ Wed 25 to Fri 27 October 2000
  - ◆ Novotel, Brisbane, Australia
  - ◆ see <http://www.apnic.net/meetings>
- ◆ All welcome!

- ◆ DRAFT agenda - Address Policy SIG
  - ◆ The future of ISP confederations
  - ◆ PI assignment criteria
  - ◆ PA first allocation criteria
  - ◆ GSM Infrastructure requirements
  - ◆ Different policies for end-user and ISP assignments
  - ◆ Common registry evaluation principles
  - ◆ Policies for cable networks

# Membership Growth

## ◆ Monthly total members (2nd quarter)

	<u>2000</u>	<u>1999</u>
◆ April	479	279
◆ May	505	294
◆ Jun	518	302
◆ Jul	540	320

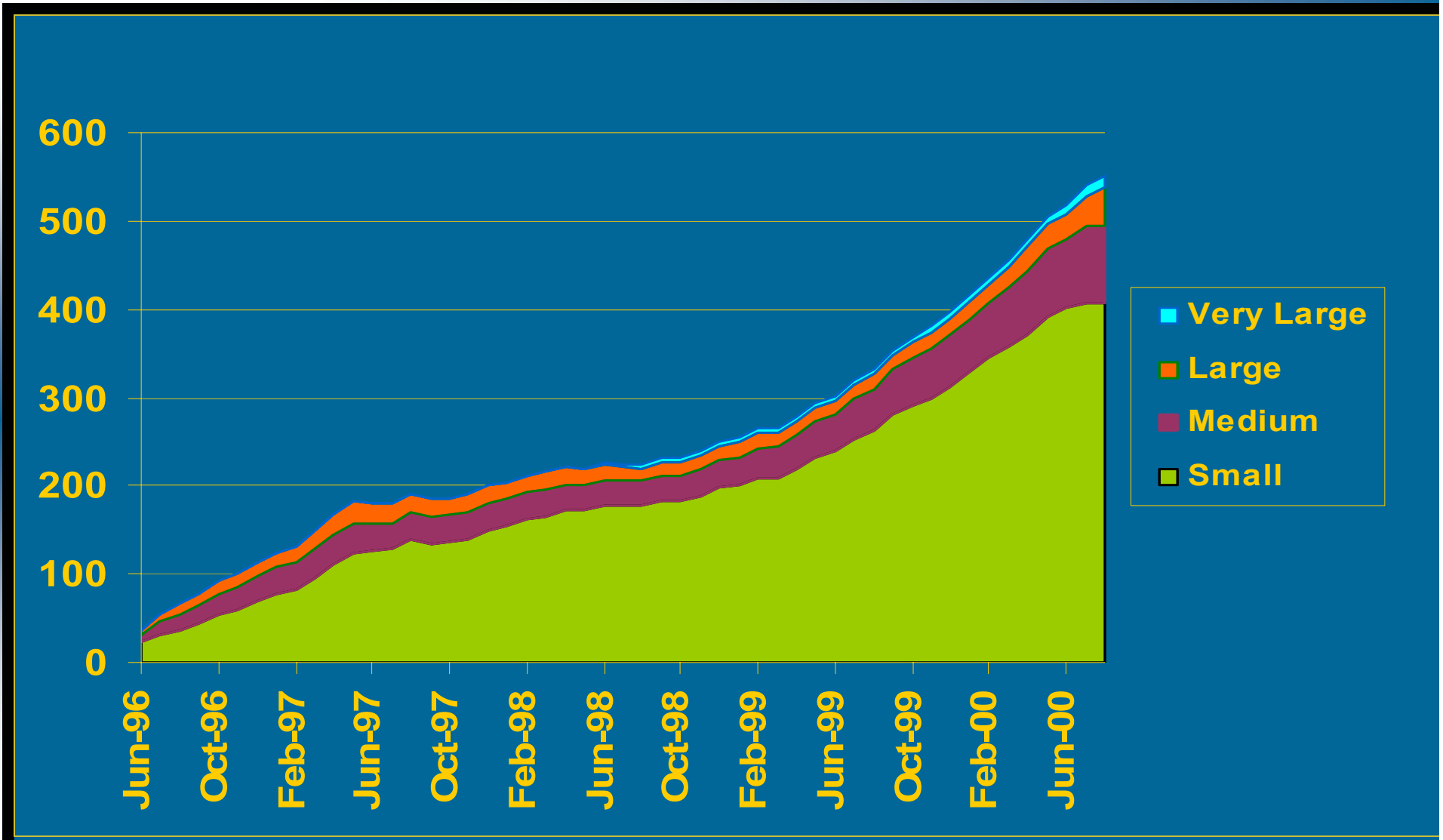
## ◆ Monthly total new members (2nd quarter)

	<u>2000</u>	<u>1999</u>
◆ April	23	14
◆ May	30	17
◆ Jun	20	10
◆ Jul	26	18

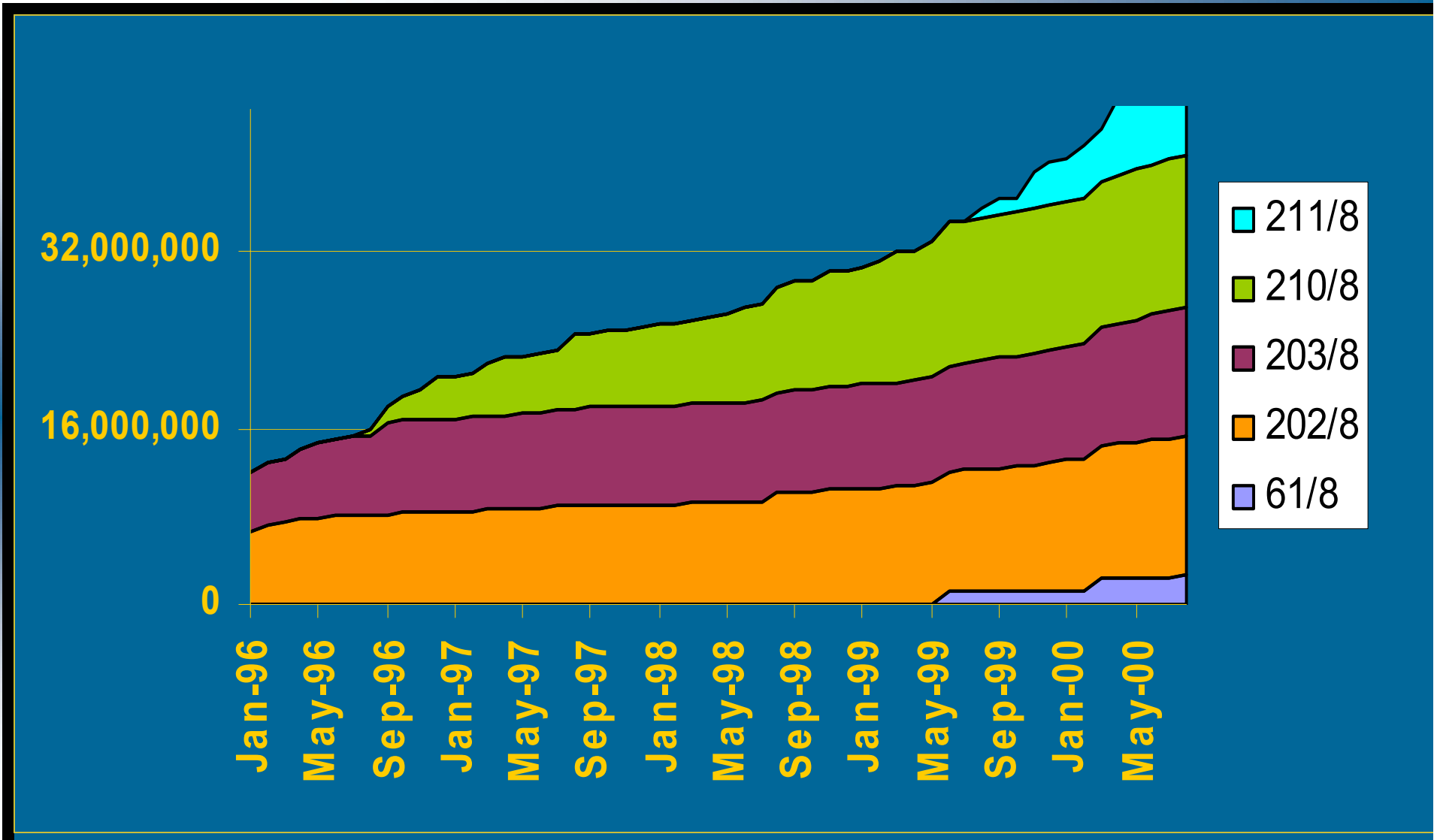
**Total new members since Jan 1st 165**



# Membership Growth

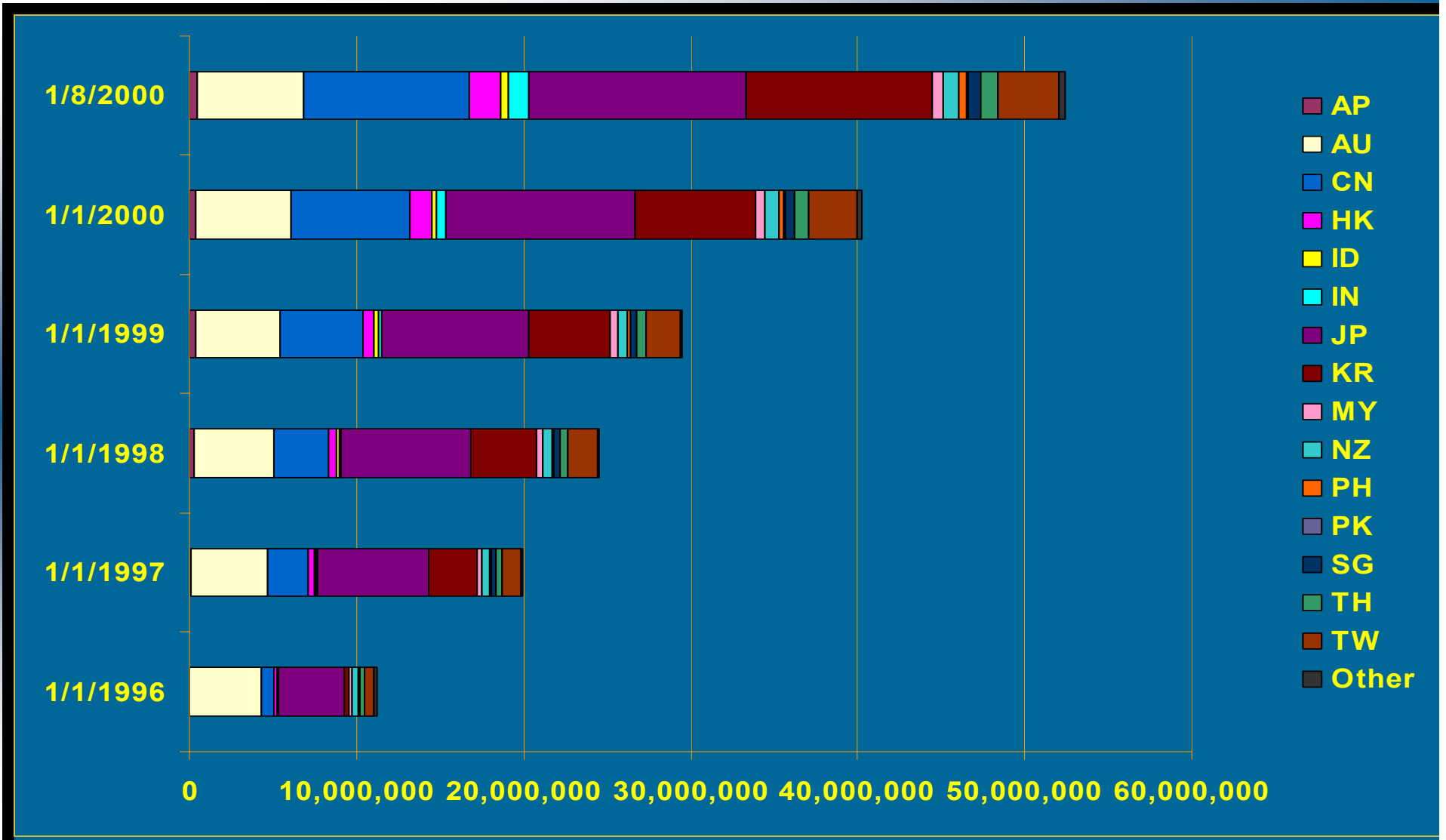


# IPv4 Address Space Usage





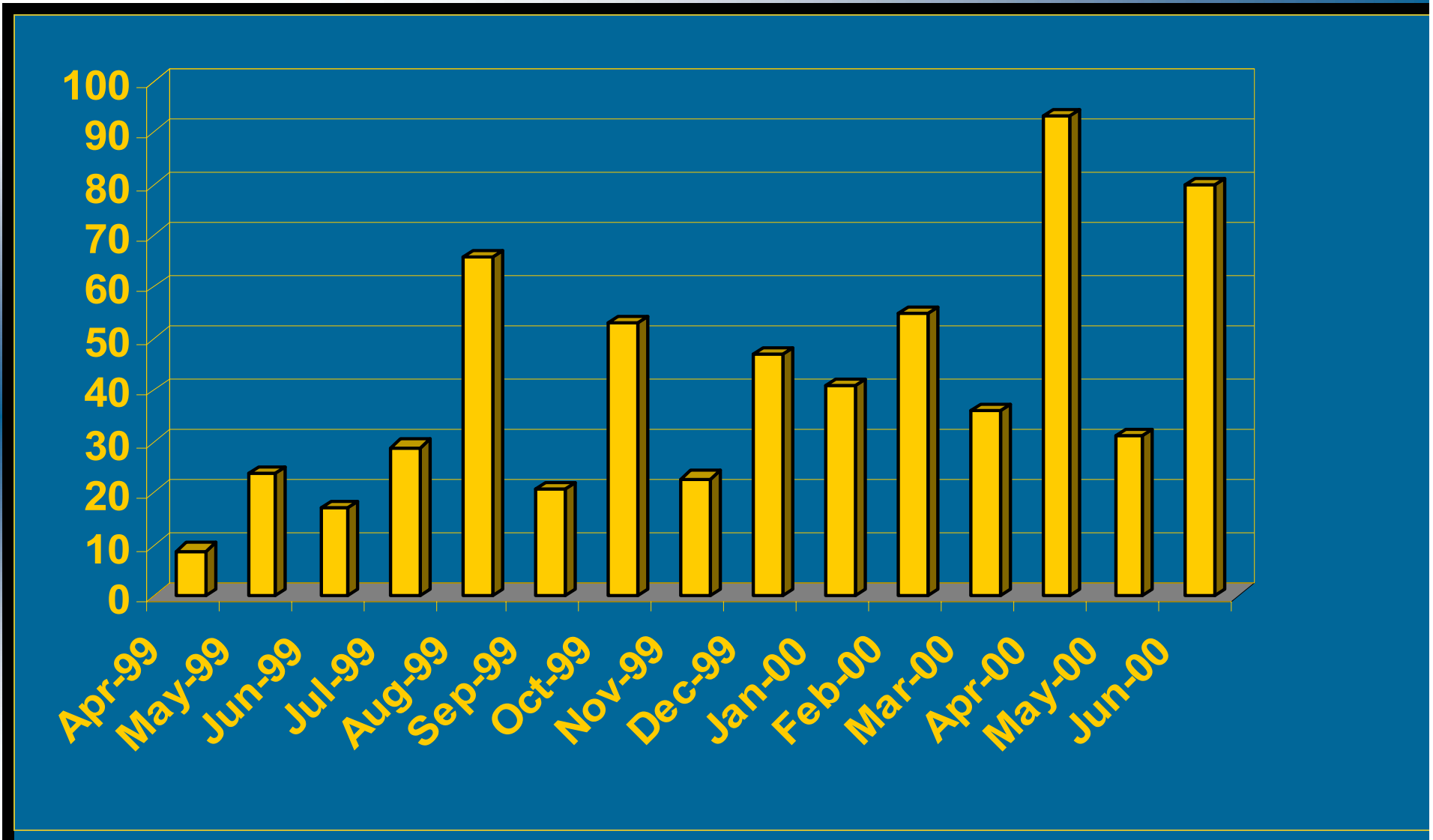
# IPv4 Allocations - Distribution







# ASN Assignments Per Month

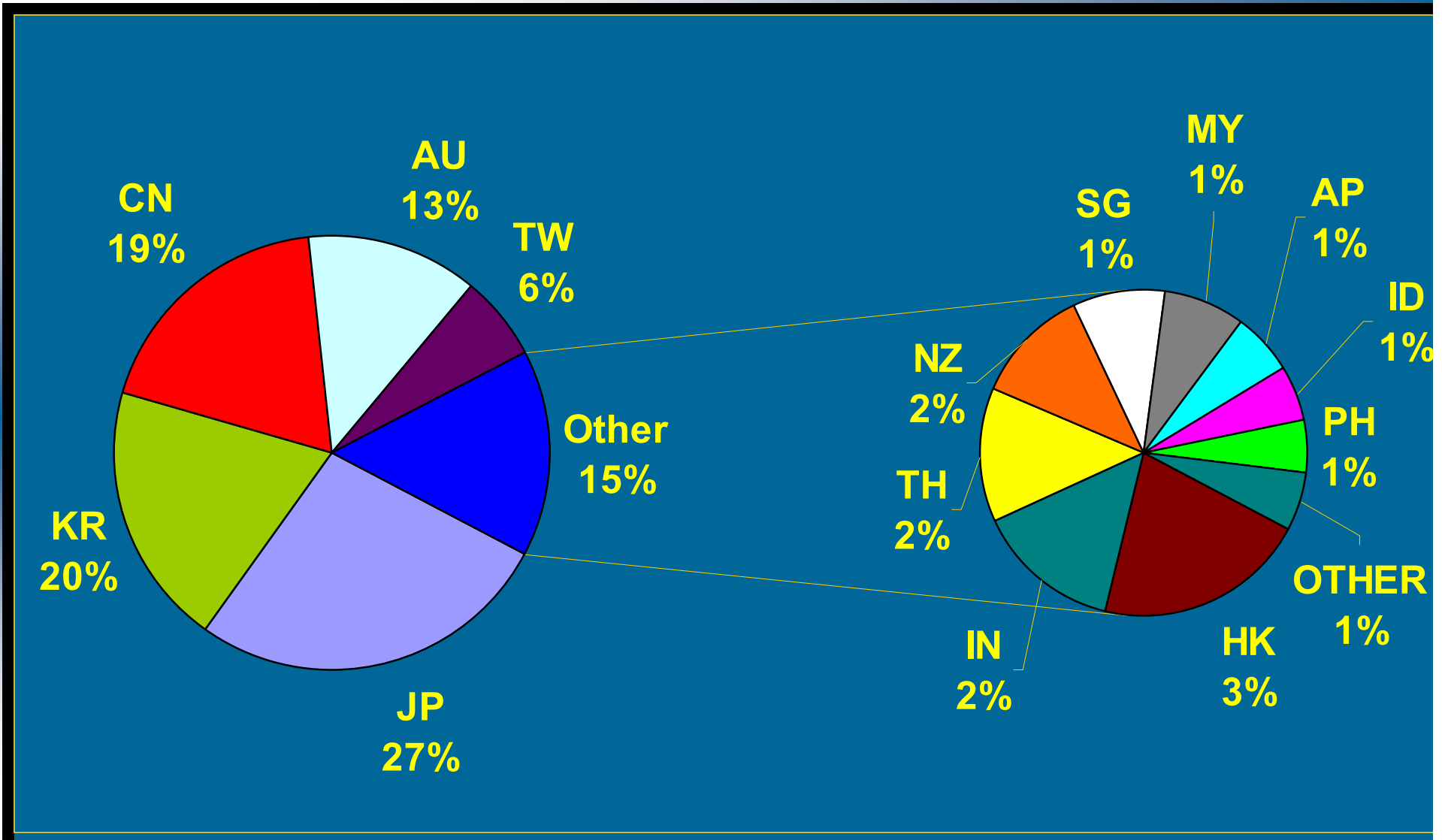




# APNIC Resources

- ◆ Consumption rate (3 years)
  - ◆ IPv4      755,000 IP/month      (0.54 x /8 p.a.)
  - ◆ ASN      28 ASN/month      (341 p.a.)
- ◆ Consumption rate (1 year)
  - ◆ IPv4      1,312,000 IP/month      (0.94 x /8 p.a.)
  - ◆ ASN      43 ASN/month      (524 p.a.)
- ◆ Consumption rate (6 months)
  - ◆ IPv4      1,698,000 IP/month      (1.21 x /8 p.a.)
  - ◆ ASN      47 ASN/month      (568 p.a.)

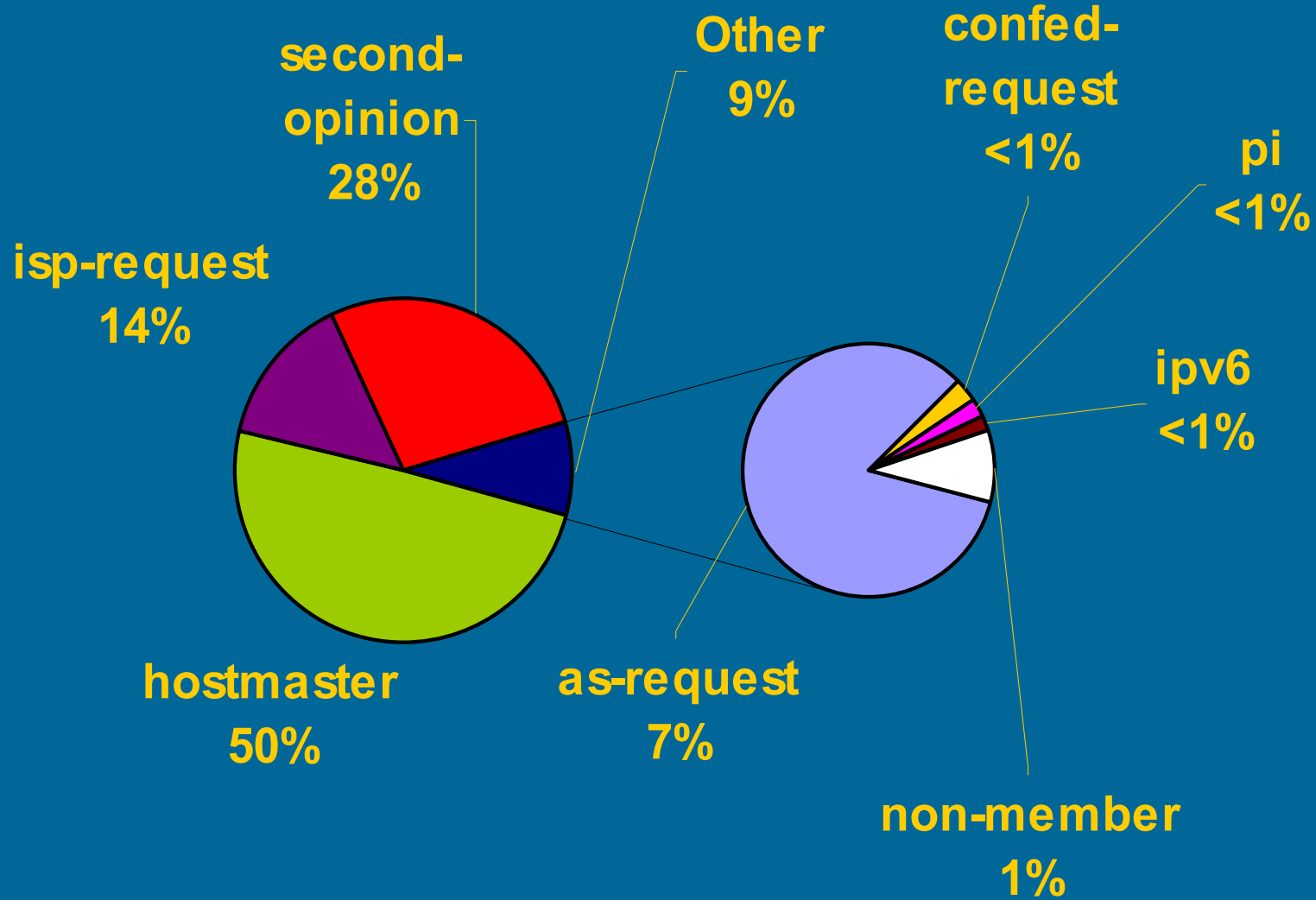
# Allocation Distribution by Country



# IPv6 Allocations - Distribution

- ◆ IPv6 allocations
  - ◆ 'Steady trickle'
  - ◆ 19 requests received
  - ◆ 13 allocations in total
    - ◆ JP (7) KR (2) AU (1) SG (1) TW (1) CN (1)
  - ◆ Excellent RIR co-operation
- ◆ IPv6 policy document revision ongoing
  - ◆ Substantial input from IETF
  - ◆ Discussion at members meeting

# Distribution of Tickets





# Staffing and RIR liaison

- ◆ Recruitment
  - ◆ Currently recruiting new hostmasters
    - ◆ One offer accepted, 1 being considered
    - ◆ Planned total will be 6 hostmasters and one manager
  - ◆ Trainee hostmaster from KRNIC for 3 months
    - ◆ Aim to train KRNIC staff as APNIC hostmaster
    - ◆ Aim for APNIC to improve understanding of NIR and its members
  - ◆ Loaned APNIC staff to RIPE NCC
    - ◆ Two staff to assist with workload (total for one month)

- ◆ Content
  - ◆ New modules on IPv6, SPAM and IP address management of different network topologies
  
- ◆ Delivery
  - ◆ Whois server database demonstrations
  - ◆ Video capturing tool (Camtasia) to record how to fill in web request forms

- ◆ Course schedule developed
  - ◆ From 'Expressions of Interest'
  - ◆ Co-locate training with outreach work where possible
- ◆ Open seminars & training
  - ◆ Co-presented with APTLD/APIA
  - ◆ To promote awareness of Internet Governance and APNIC
    - ◆ Aug - Indonesia
    - ◆ Sep - Vietnam and Thailand
    - ◆ Oct - Brisbane (training only)
    - ◆ Nov - NZ (Pacific Islands), Korea and Taiwan



- ◆ Call for translation proposals
  - ◆ Translating APNIC core documents into major languages of region
    - ◆ Proposals received from CN, TW, SG, ID, JP
- ◆ NIR policy document translations into English
  - ◆ Assisted by APNIC hostmasters
    - ◆ CNNIC - China
    - ◆ TWNIC - Taiwan (ongoing)



# Software and Automation

- ◆ Migration internal data to relational DB (mysql)
  - ◆ Completed consistency checking of address allocation data
  - ◆ Starting to populate Assignment Window table
- ◆ ISP Parser and Analyser
  - ◆ Tool to support users and data analysis for hostmasters
  - ◆ Usability testing planned in October with members
- ◆ New 'Whois' client library
  - ◆ Submitted to CPAN
  - ◆ Online at <http://www.apnic.net/apnic-bin/whois2.pl>

# Priorities 2000/2001

- ◆ Improved quality of service
  - ◆ Software to support request process
  - ◆ 'Help-desk' to support users
  - ◆ Improved documentation - FAQ's, translation
- ◆ Statistical analysis
  - ◆ To support policy development
- ◆ Staffing
  - ◆ Sufficient to meet demand!



# Questions?