APNIC Status Report

ARIN VI Public Policy Meeting
2-4 October 2000

Overview

- News
- Membership Growth
- Statistics
- Activities
- Priorities

Total number of medals won - top 5

- USA   97
- RUSSIA   88
- CHINA   59
- AUSTRALIA   58
- GERMANY   57

Medals per million inhabitants

- AUSTRALIA   3.02
- GERMANY   0.68
- RUSSIA   0.60
- USA   0.35
- CHINA   0.04

Source: www.medaltally.com

News - APNIC Open Policy Meeting

- **25-27 Oct, Brisbane, Australia**
  - Plenary, AC Election & Members Meeting
  - Special Interest Groups (SIGs)
    - Routing, Database, Address Policy & IPv6
  - Training & tutorials
    - APNIC policies & procedures, IPv6, RPSL & DNS
  - Hostmaster consultations
  - BOFs
    - Membership Agreement, Multi-homing, CA Authority, and Exchange Points

News

- DRAFT agenda - Address Policy SIG
  - IPv6 policy review
  - IP addresses for GPRS backbone & mobile phones
  - Cable network assignment policies review
  - PI assignment criteria
  - PA first allocation criteria
  - Common registry evaluation principles

Membership Growth

Monthly total members (2nd quarter)

	2000	1999
April	479	279
May	505	294
Jun	518	302
Jul	540	320

Monthly total new members (2nd quarter)

	2000	1999
April	23	14
May	30	17
Jun	20	10
Jul	26	18

July totals 68% increase over 1999

Membership Growth
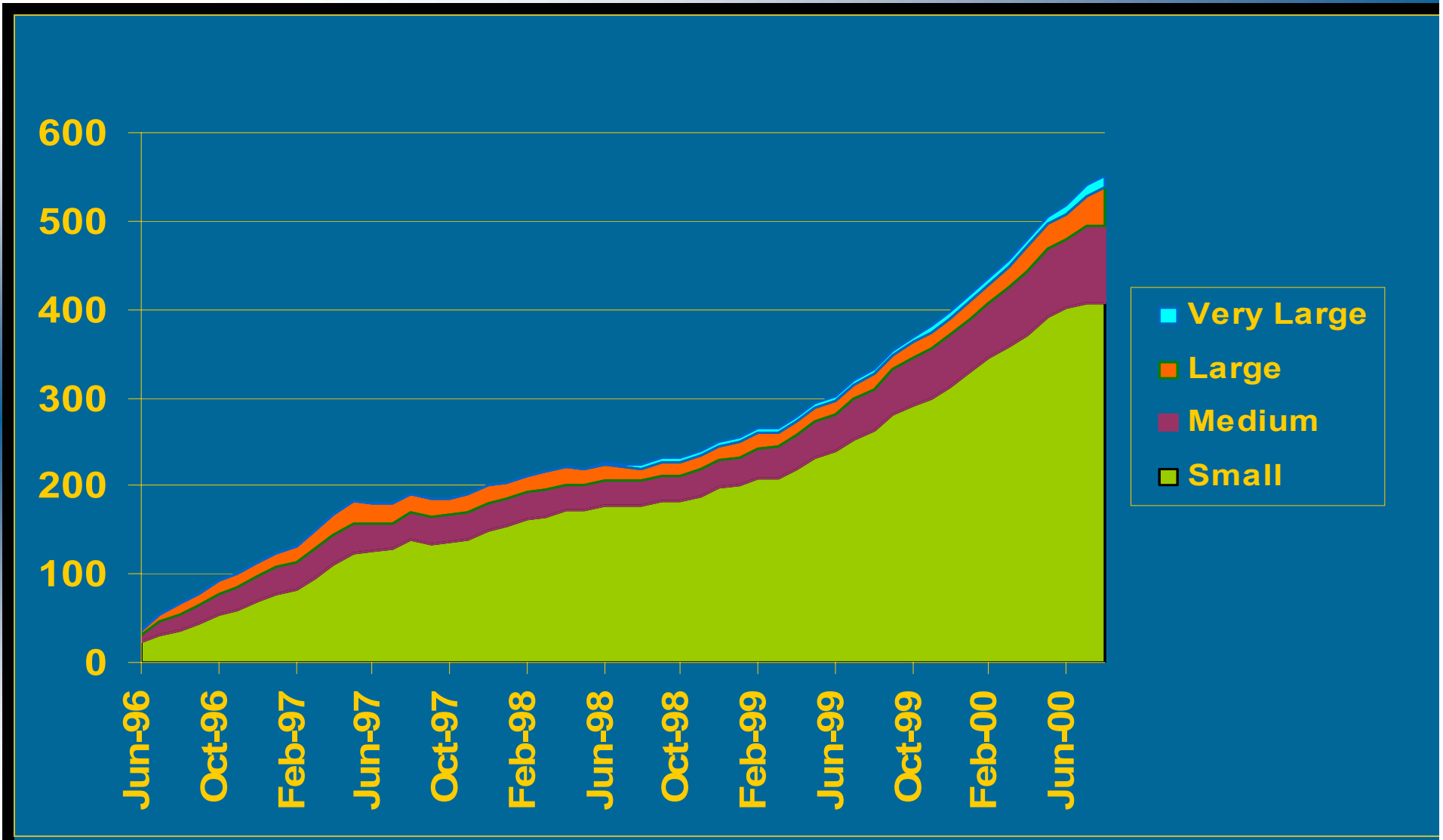
IPv4 Address Space Usage

Legend:
- 211/8
- 210/8
- 203/8
- 202/8
- 61/8
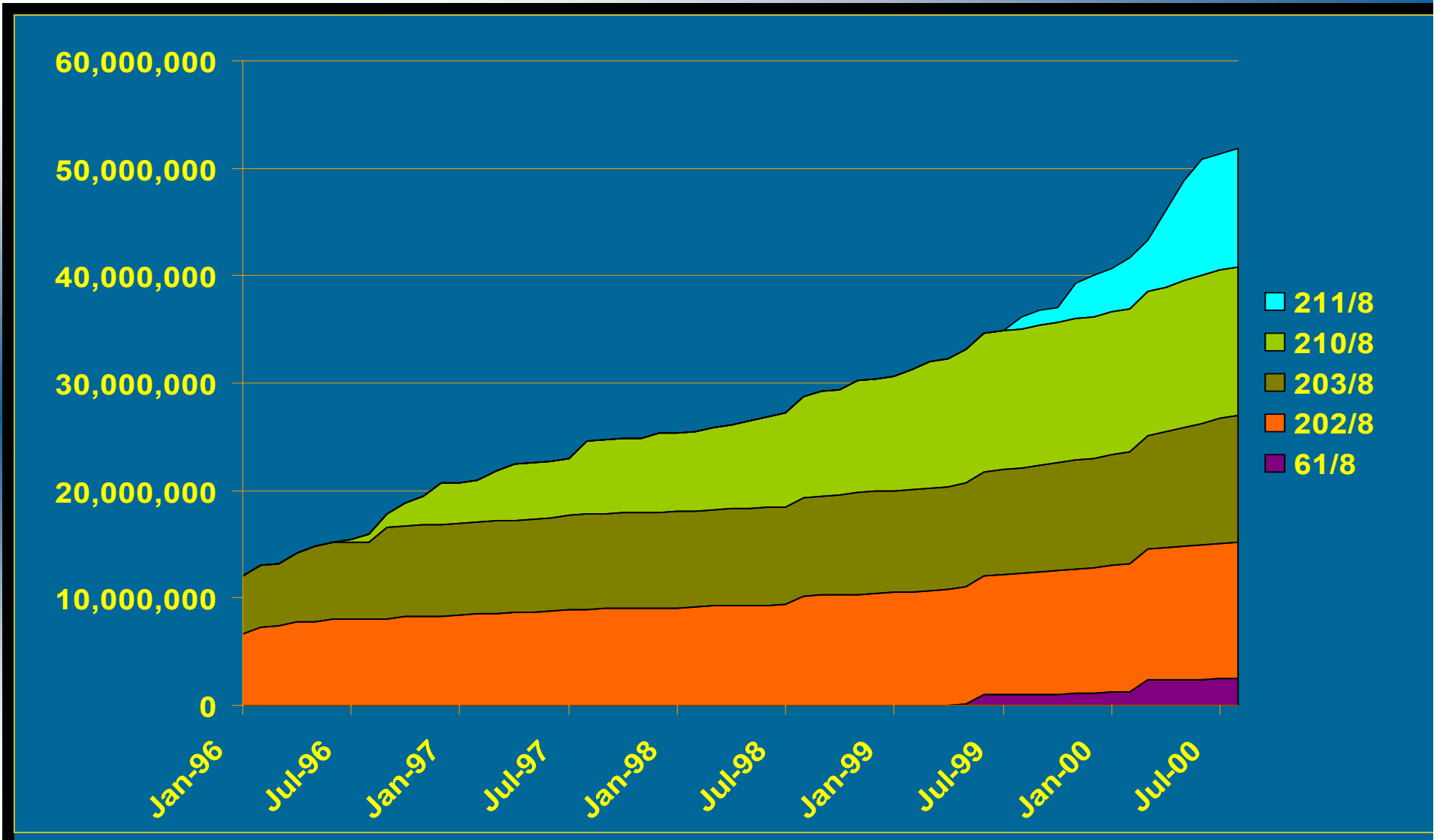
IPv4 Allocations - Distribution
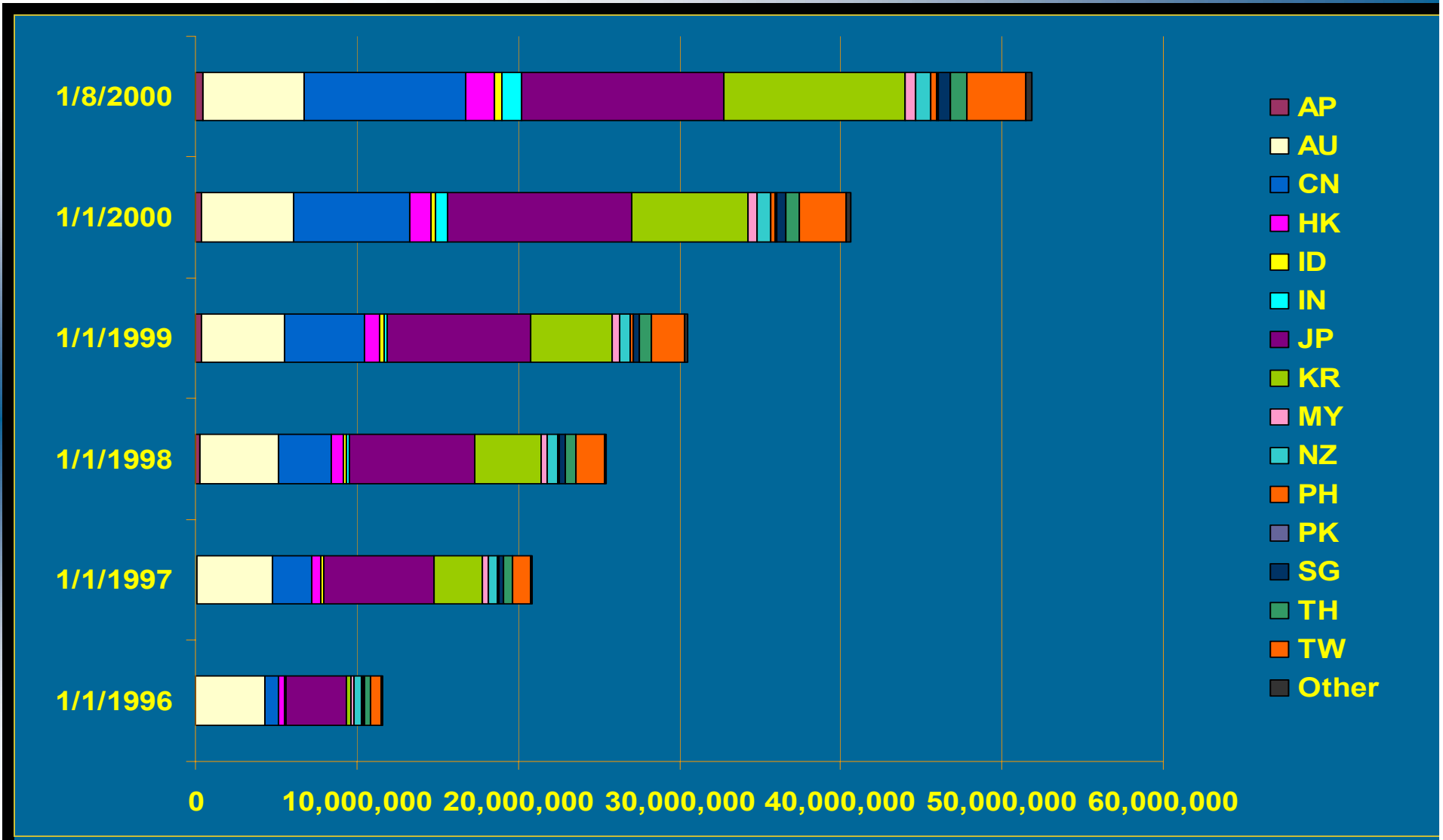
ASN Allocations - Total

ASN Allocations - Distribution

HK
11%

CN
7%

TW
5%

TH
3%

JP
16%

Other
16%

AU
20%

KR
23%

ID
1%

AP
1%

IN
1%

MY
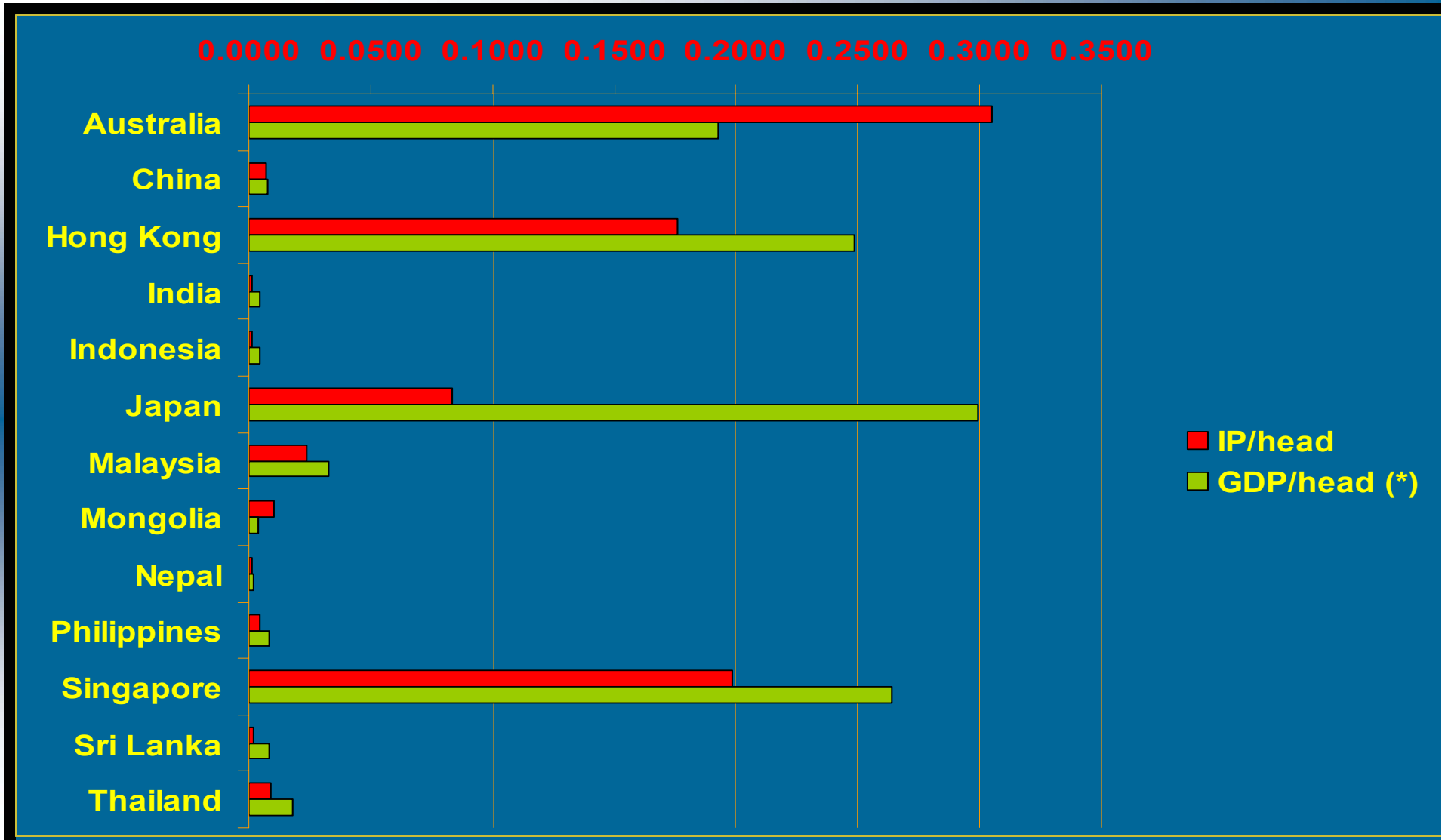1%

PH
2%

OTHER
3%

SG
3%

NZ
3%
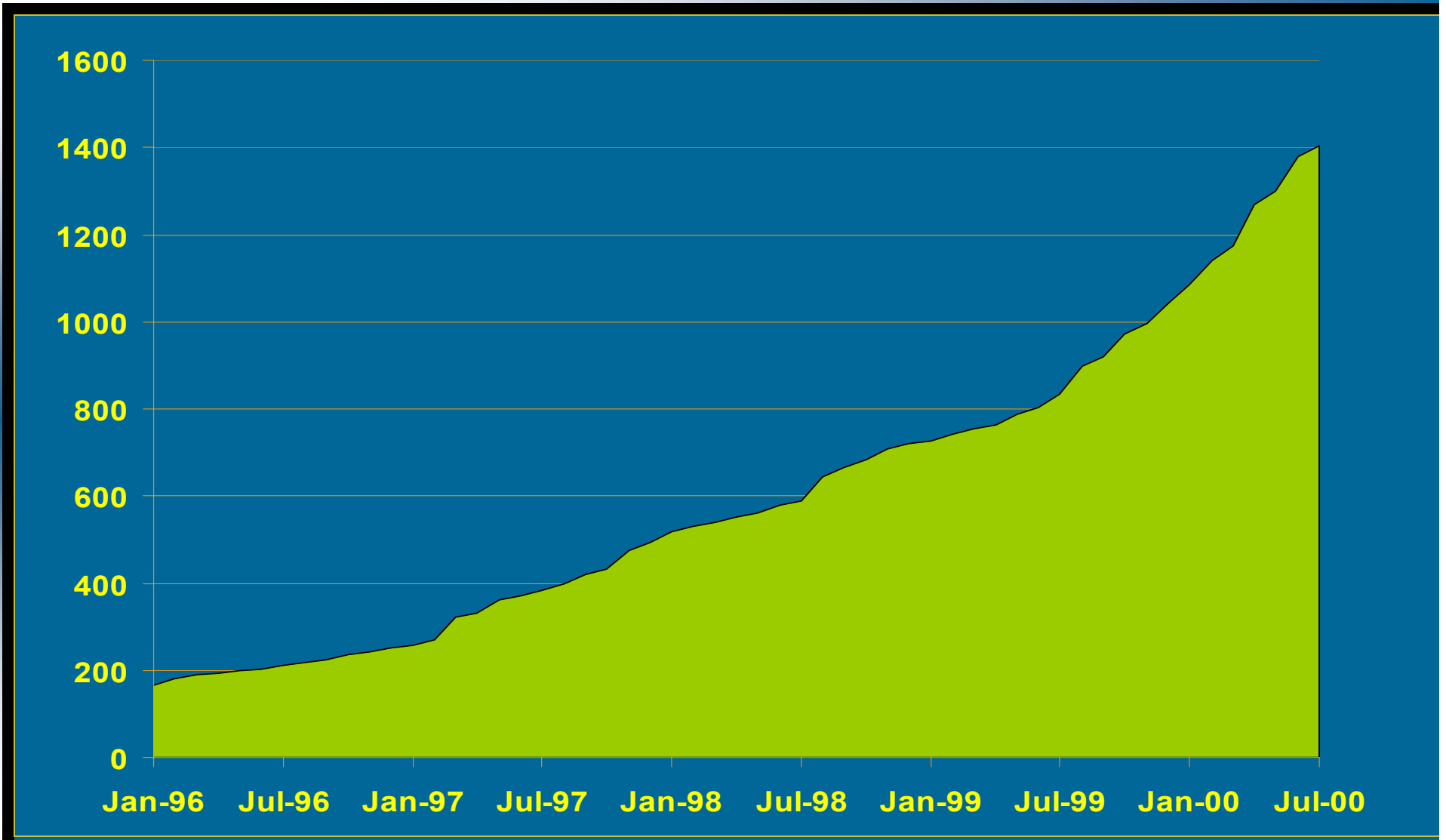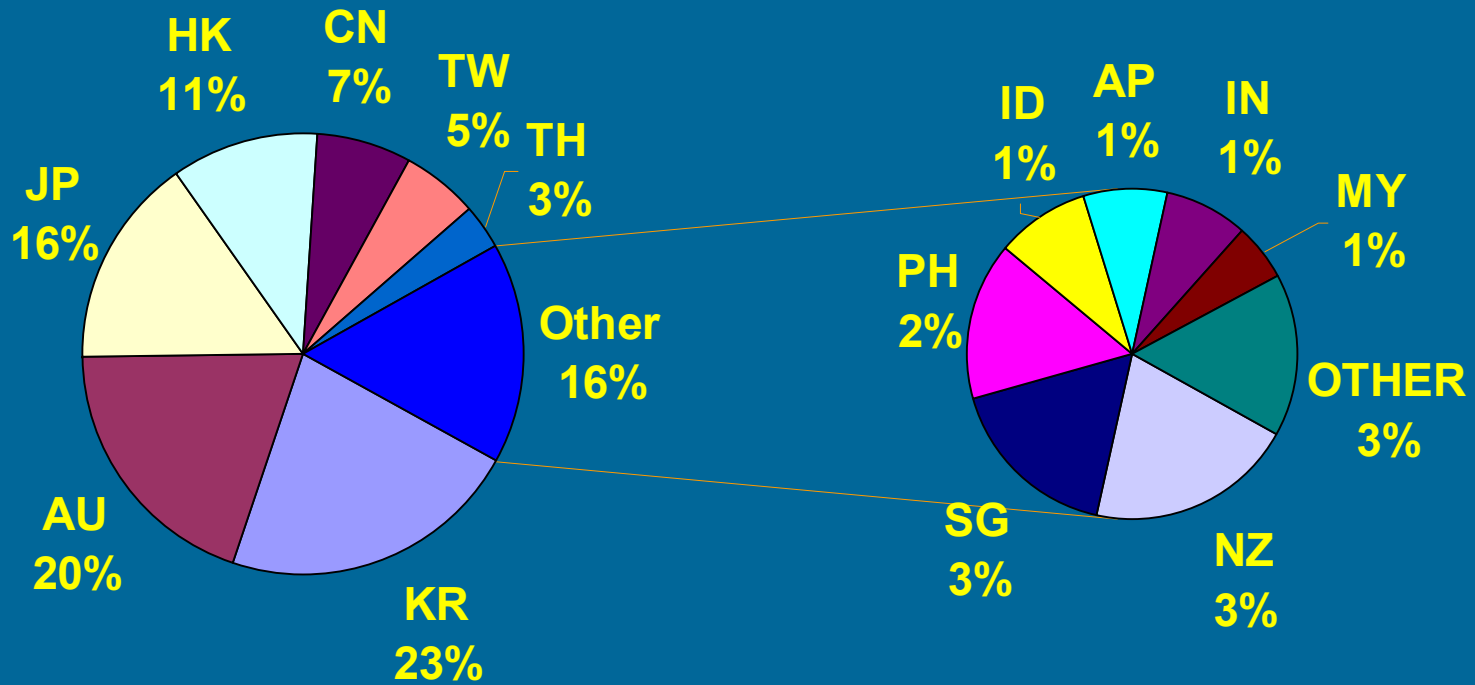
APNIC Resources

- **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.)

IP usage & GDP per Head

IPv6 Allocations - Distribution

- **IPv6 allocations**
  - 'Steady trickle'
  - 20 requests received
  - 16 allocations in total
    - JP (9) KR (3) 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

Liaison

- **NIRs**
  - KRNIC trainee hostmaster - 3 months at APNIC
  - Aim to improve understanding of NIR
  - Other NIR trainees planned - APJII Indonesia
- **RIRs**
  - Policy co-ordination & documentation
  - Mutual attendance at meetings
  - Assistance to RIPE NCC
    - To assist with workload

Training

- 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

Training

Content

- New modules on IPv6, SPAM and IP address management of different network topologies

Delivery

- Whois server database demonstrations
- Video capturing tool to record how to fill in web request forms

Translation

- **Call for translation proposals**
  - Translating APNIC core documents into major languages of region
    - Proposals received from CN, TW, SG, ID, JP, KR
- **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
- **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

Special Projects

- **Certification authority (X.509)**
  - **Response to member concerns on security**
  - **Feasibility project underway**
    - Identity certificates for APNIC members will be issued at APNIC meeting
    - Used for secure access to web site, encrypted and signed email
- **'MyAPNIC' member pages**
  - **Integrating secure access to billing, ticketing, whois DB and request data of member**

Priorities 2000/2001

- **Improved quality of service**
  - Software to support request process
  - 'Help-desk' to support users
  - Improved member security through CA project
  - Improved documentation
- **Statistical analysis**
  - To support policy development
- **Staffing**
  - Sufficient to meet demand!

Questions?