APNIC Update

RIPE-38

Amsterdam, Jan 2001

APNIC Update

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

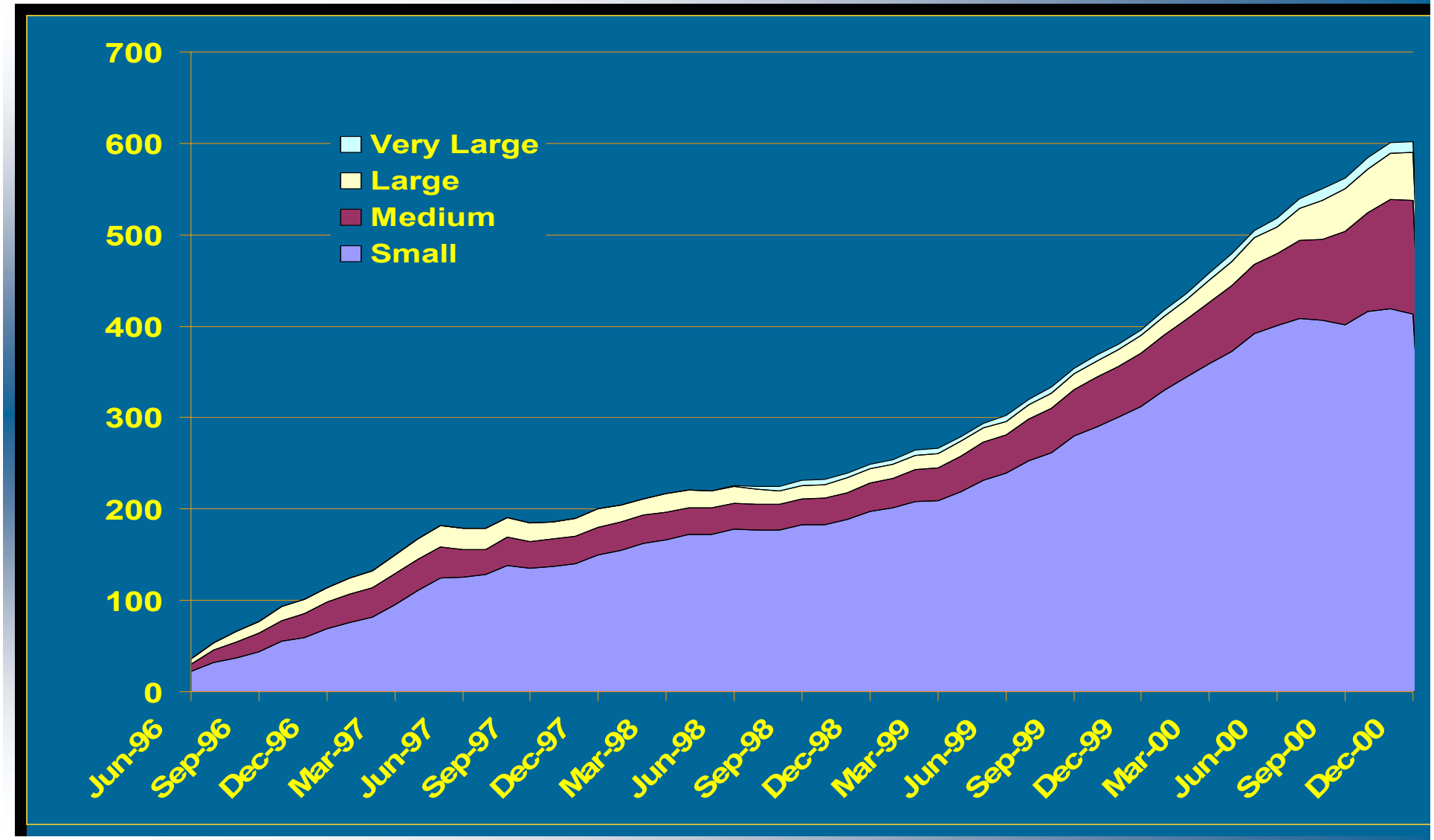
Year 2000 Overview

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

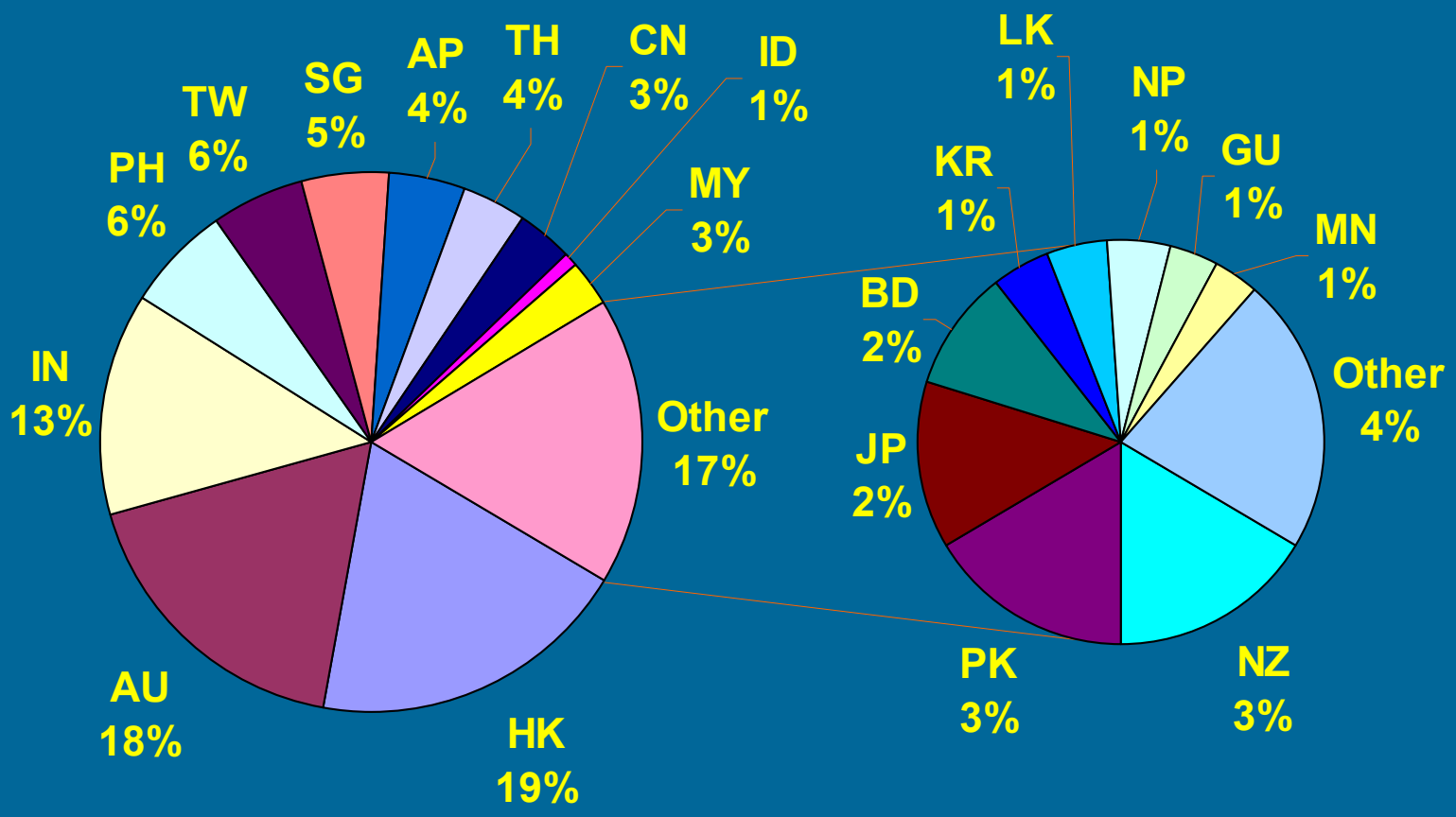
APNIC Status Report

Membership

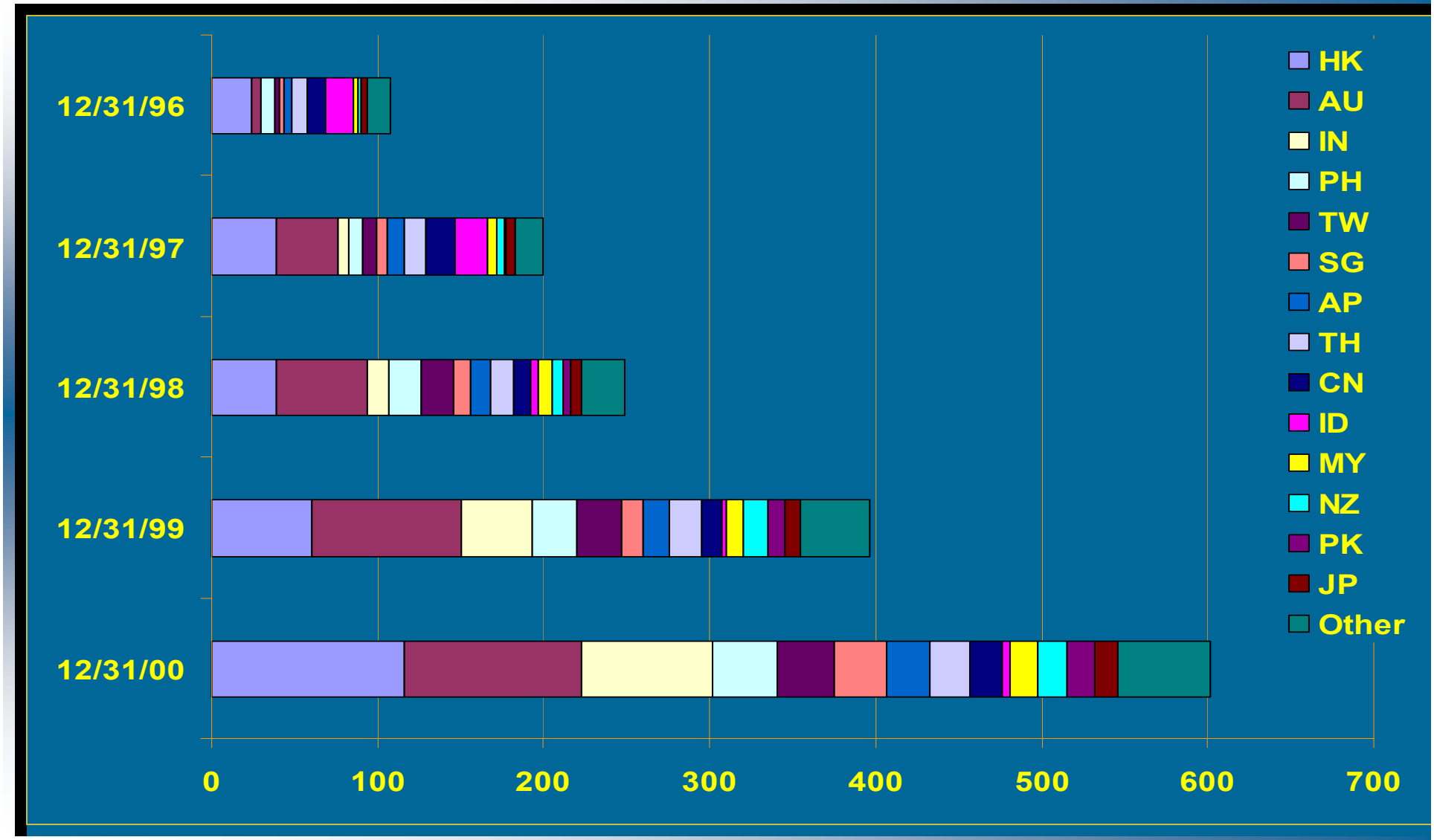
How many APNIC Members?



Where are APNIC Members?



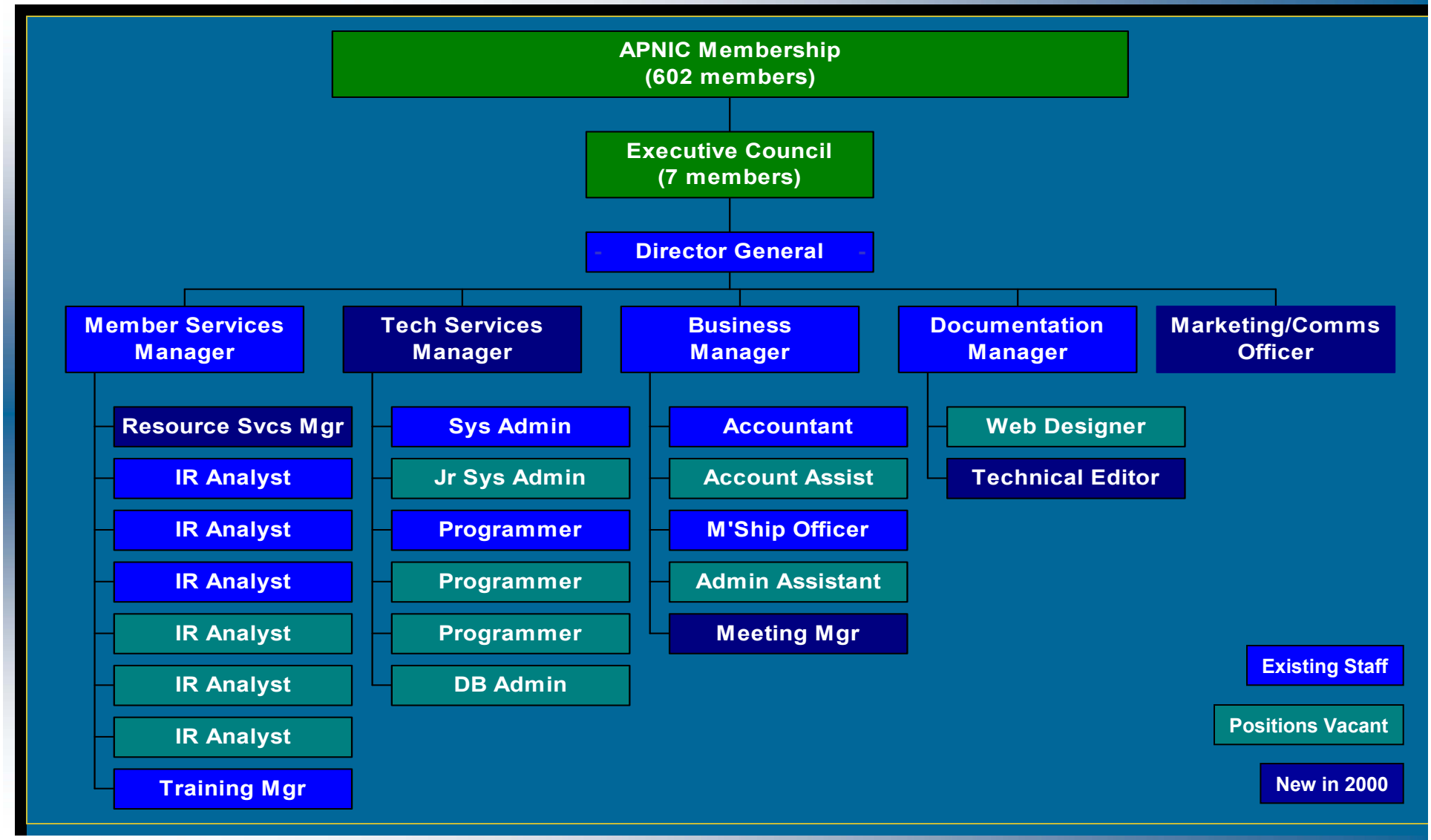
Where are APNIC Members?



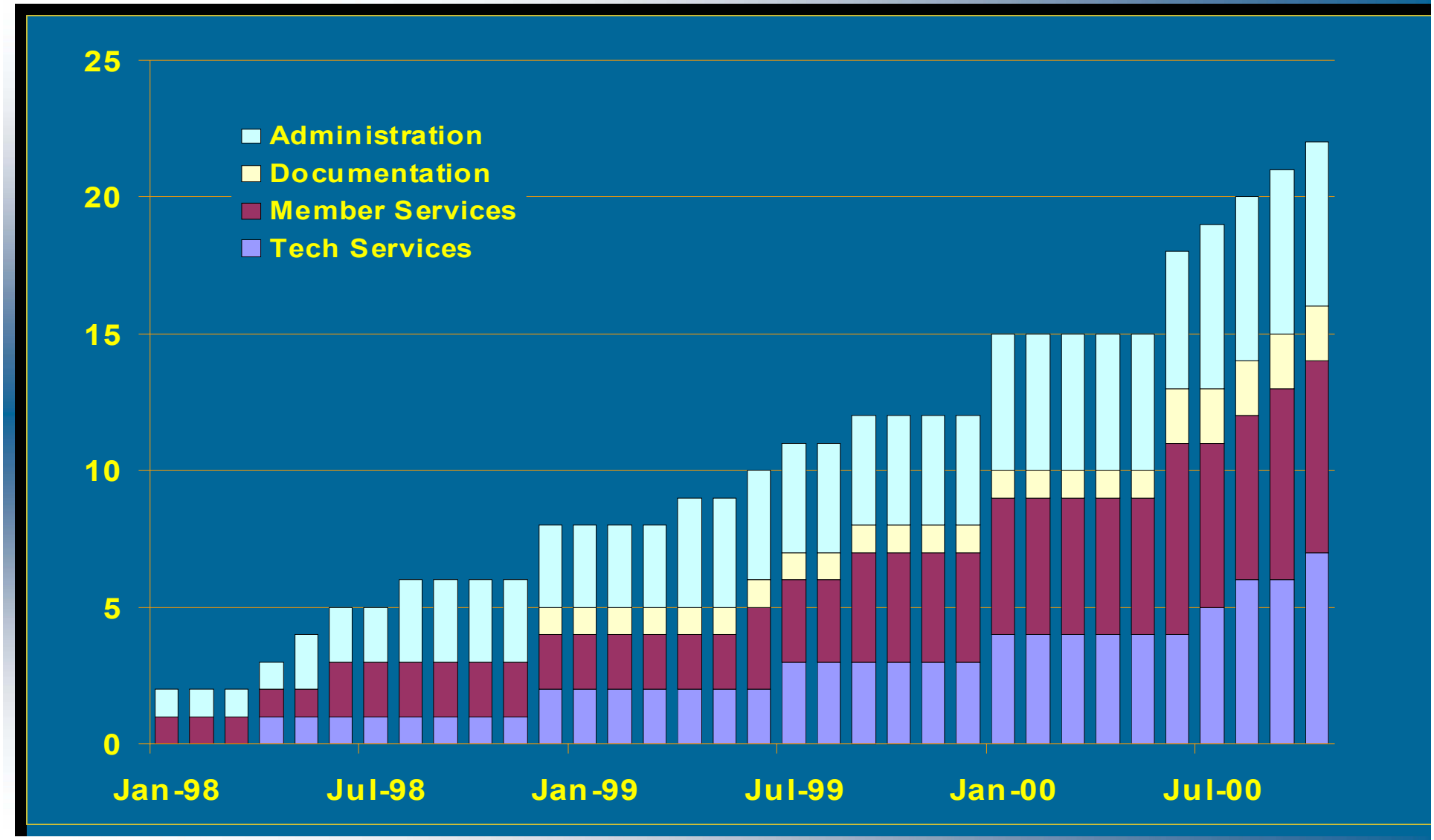
APNIC Status Report

Human Resources

APNIC Structure



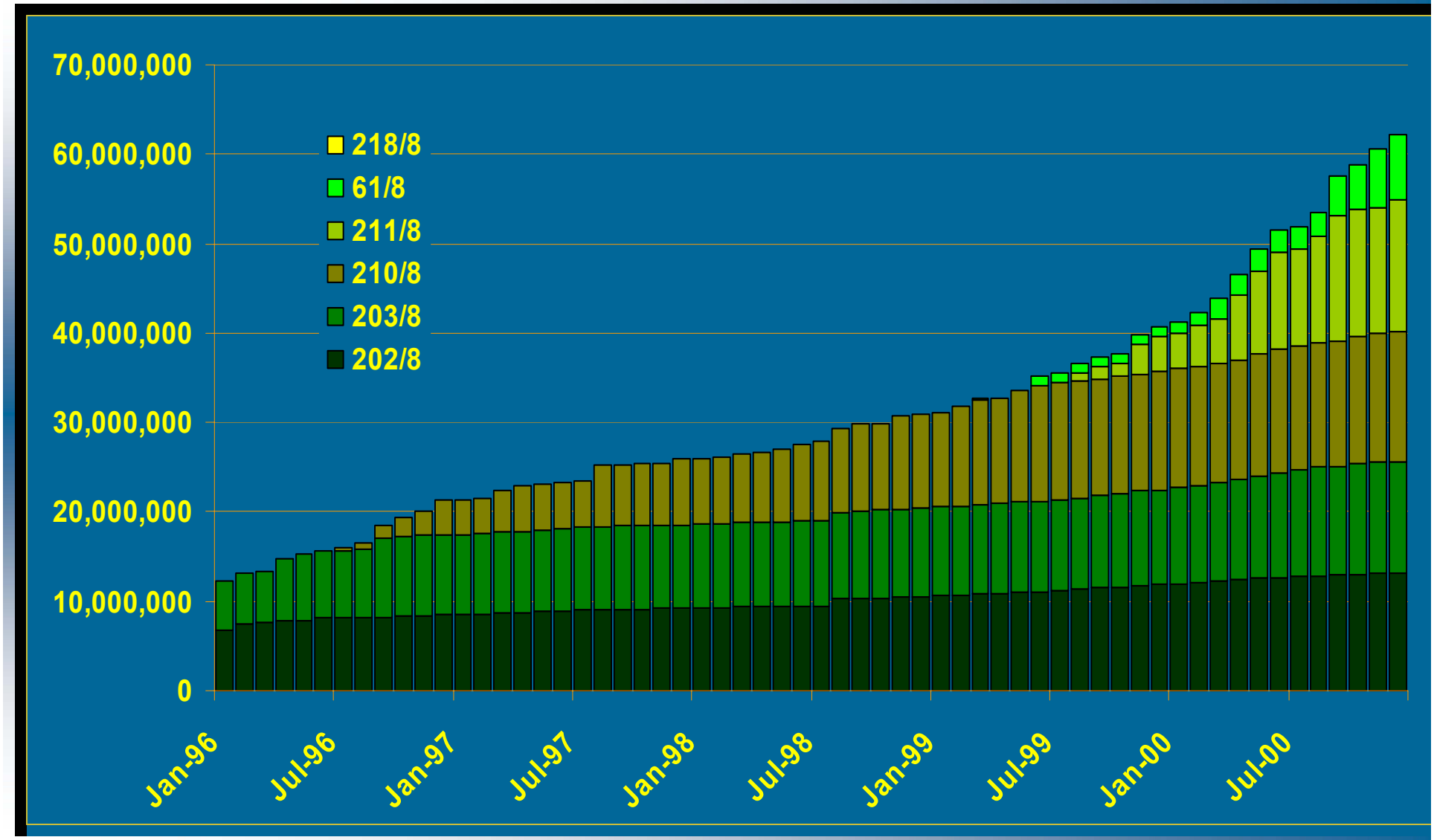
APNIC Staffing



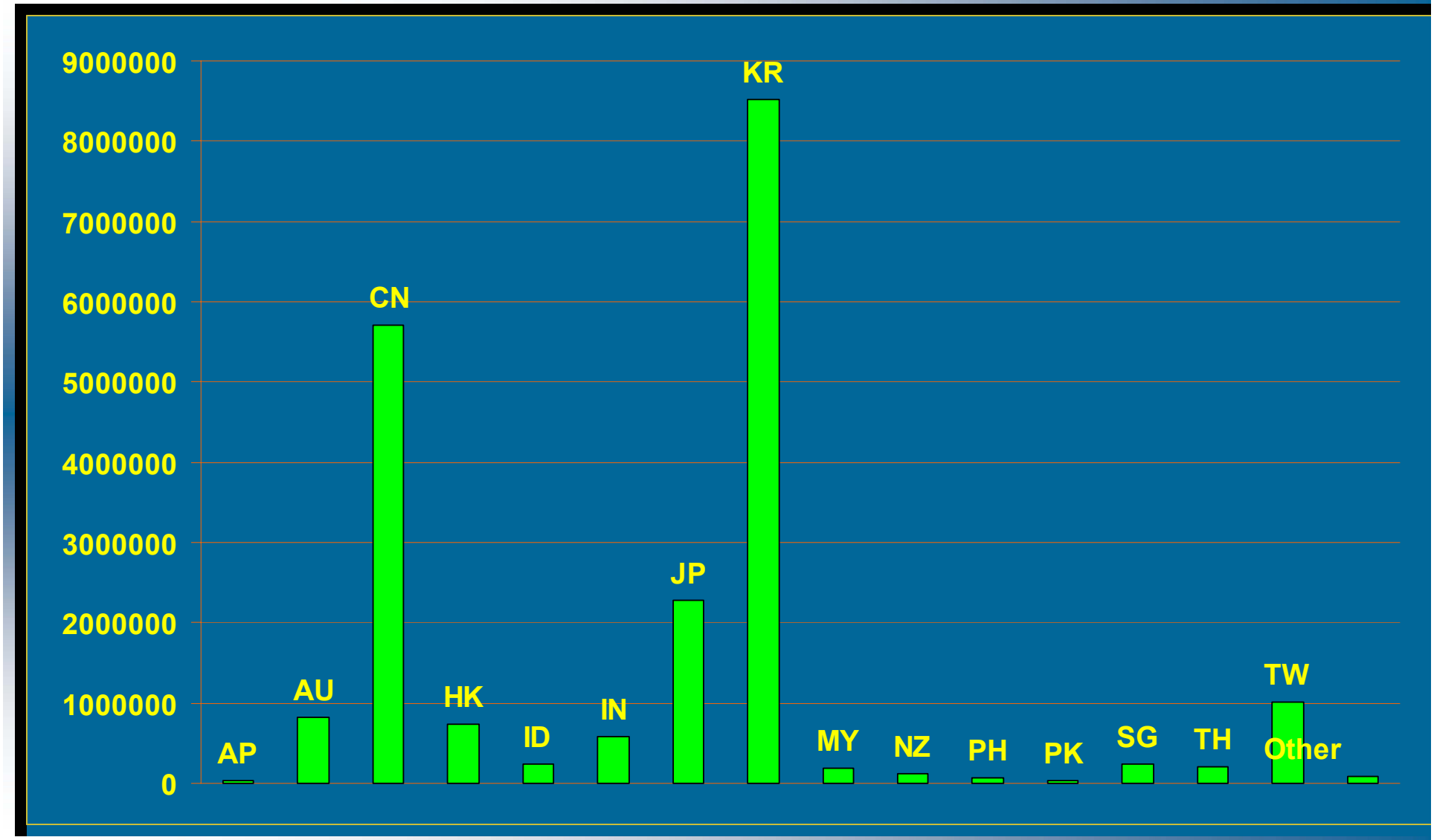
APNIC Status Report

Resource Services

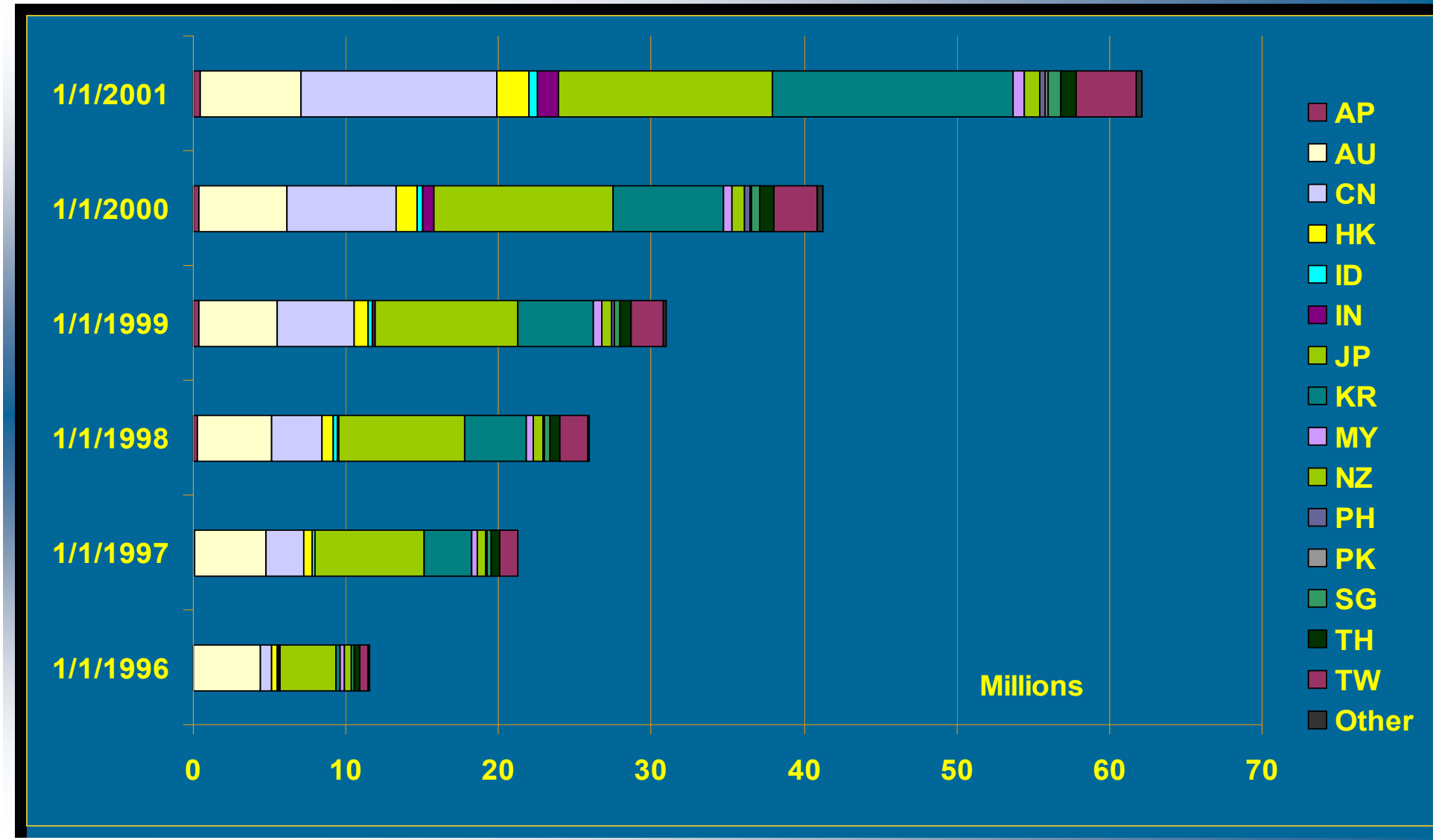
IPv4 Allocations - Total



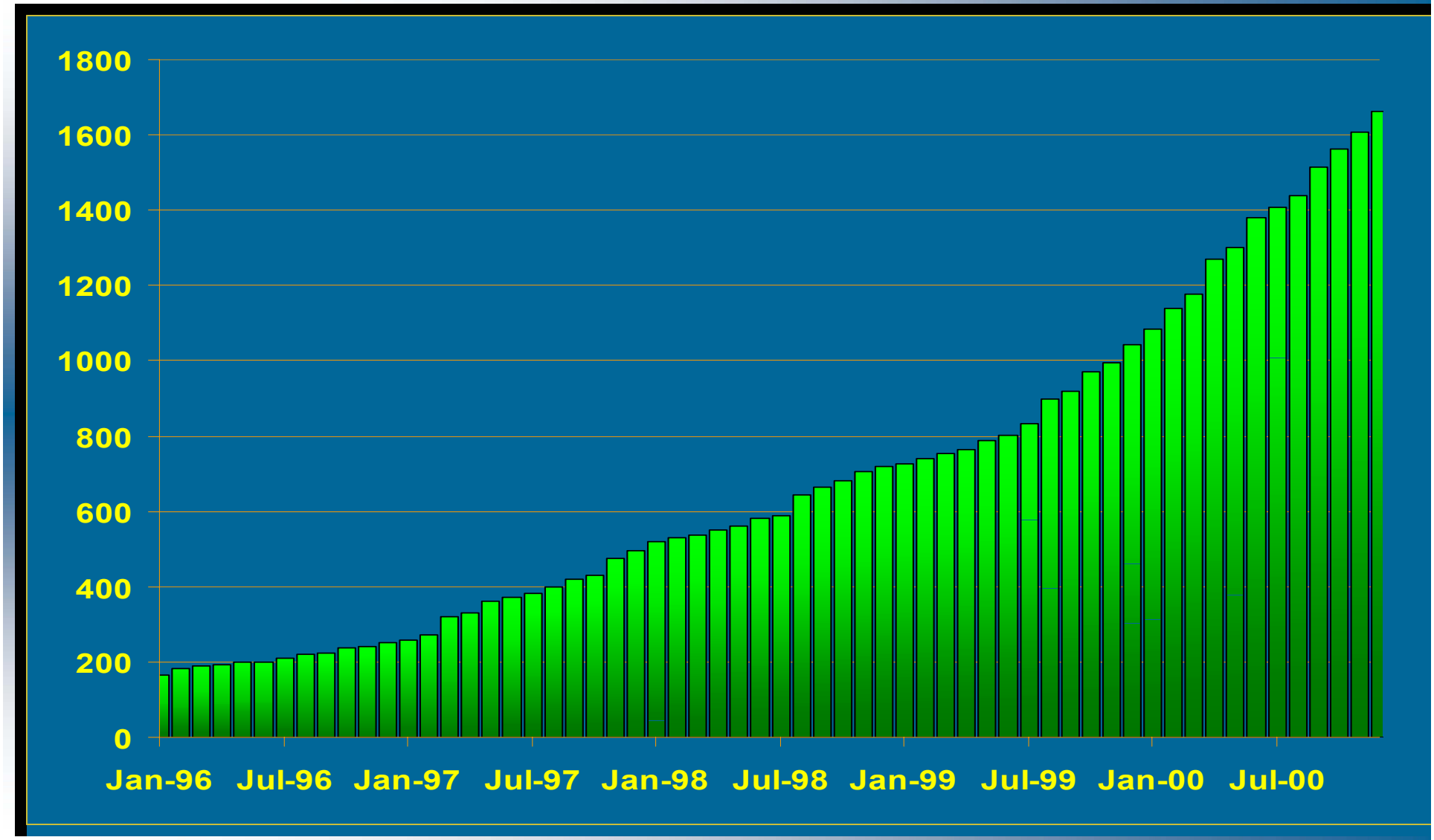
IPv4 Allocations - 2000



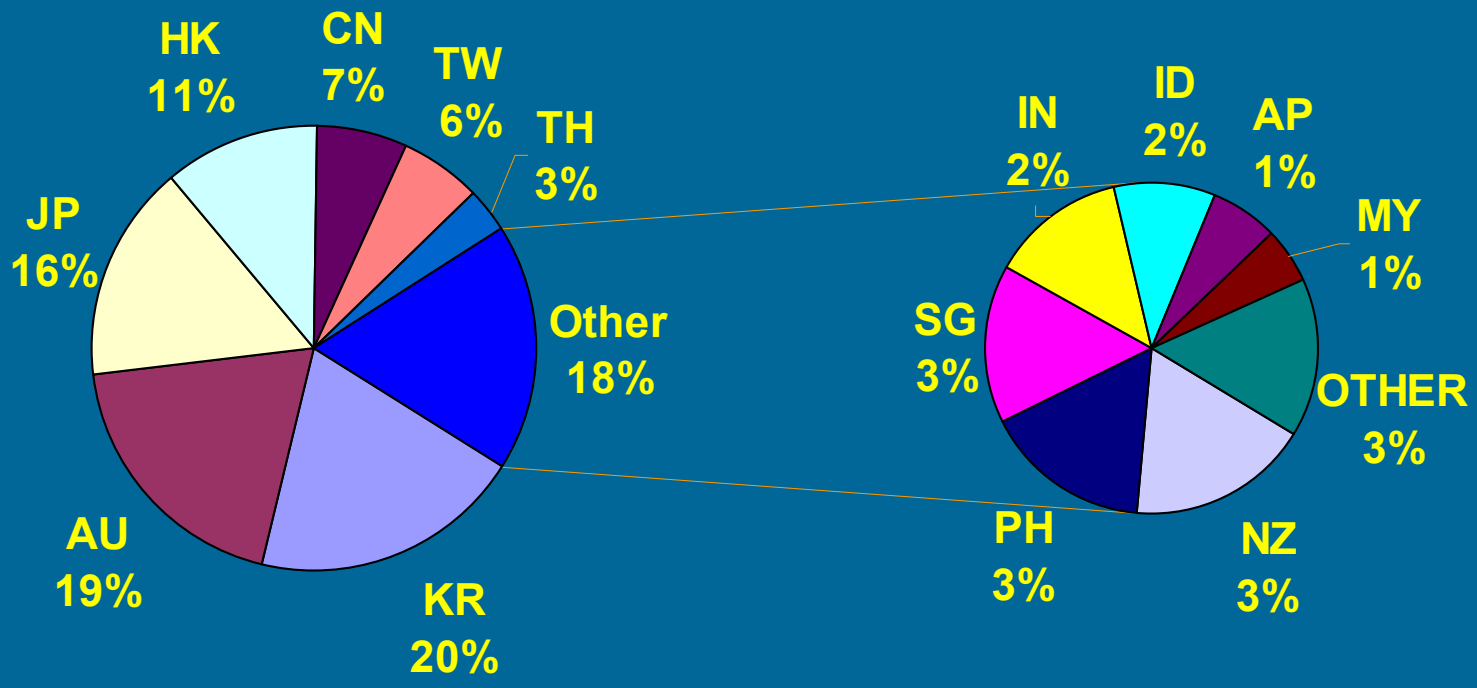
IPv4 Allocations - Distribution



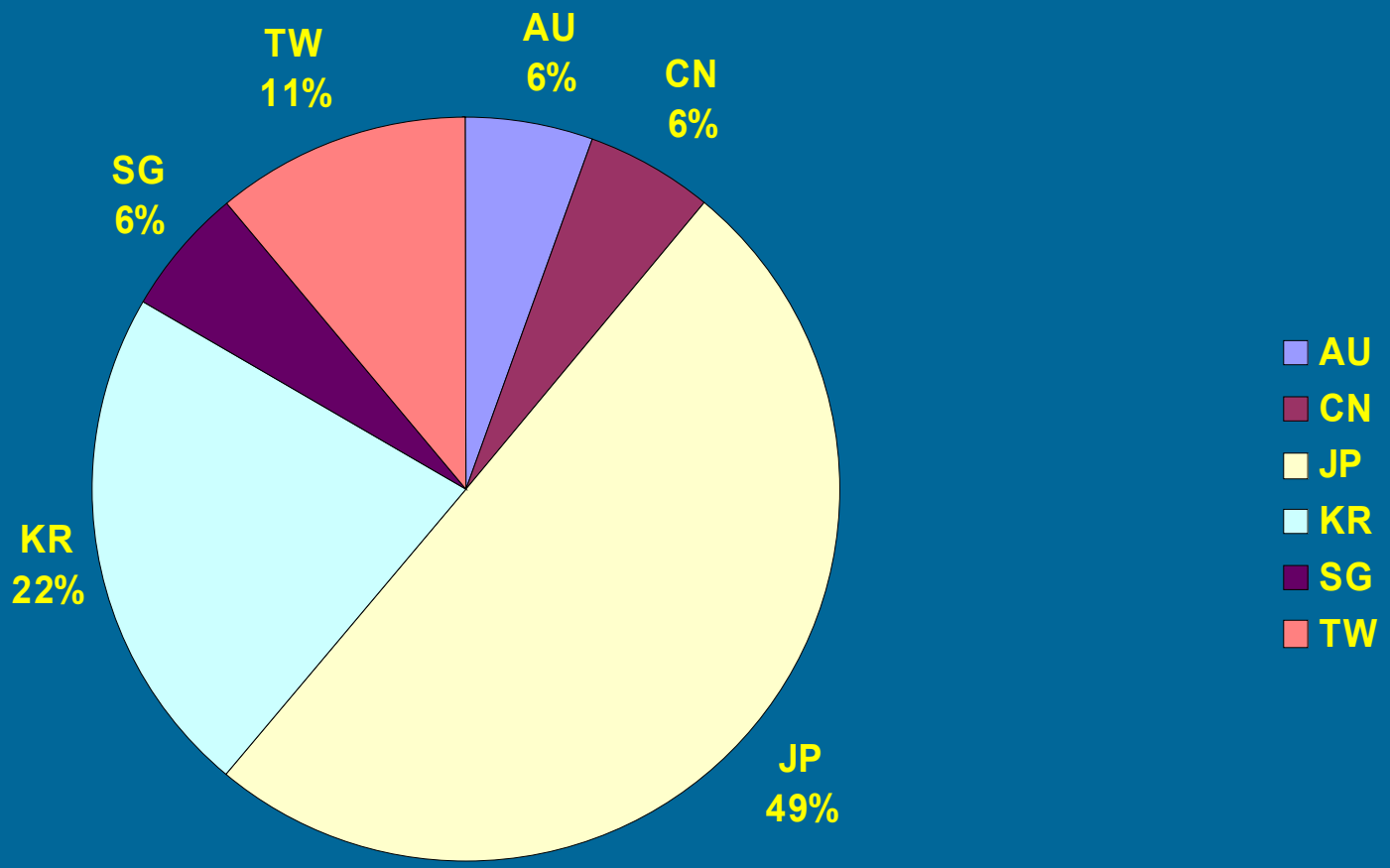
ASN Allocations - Total



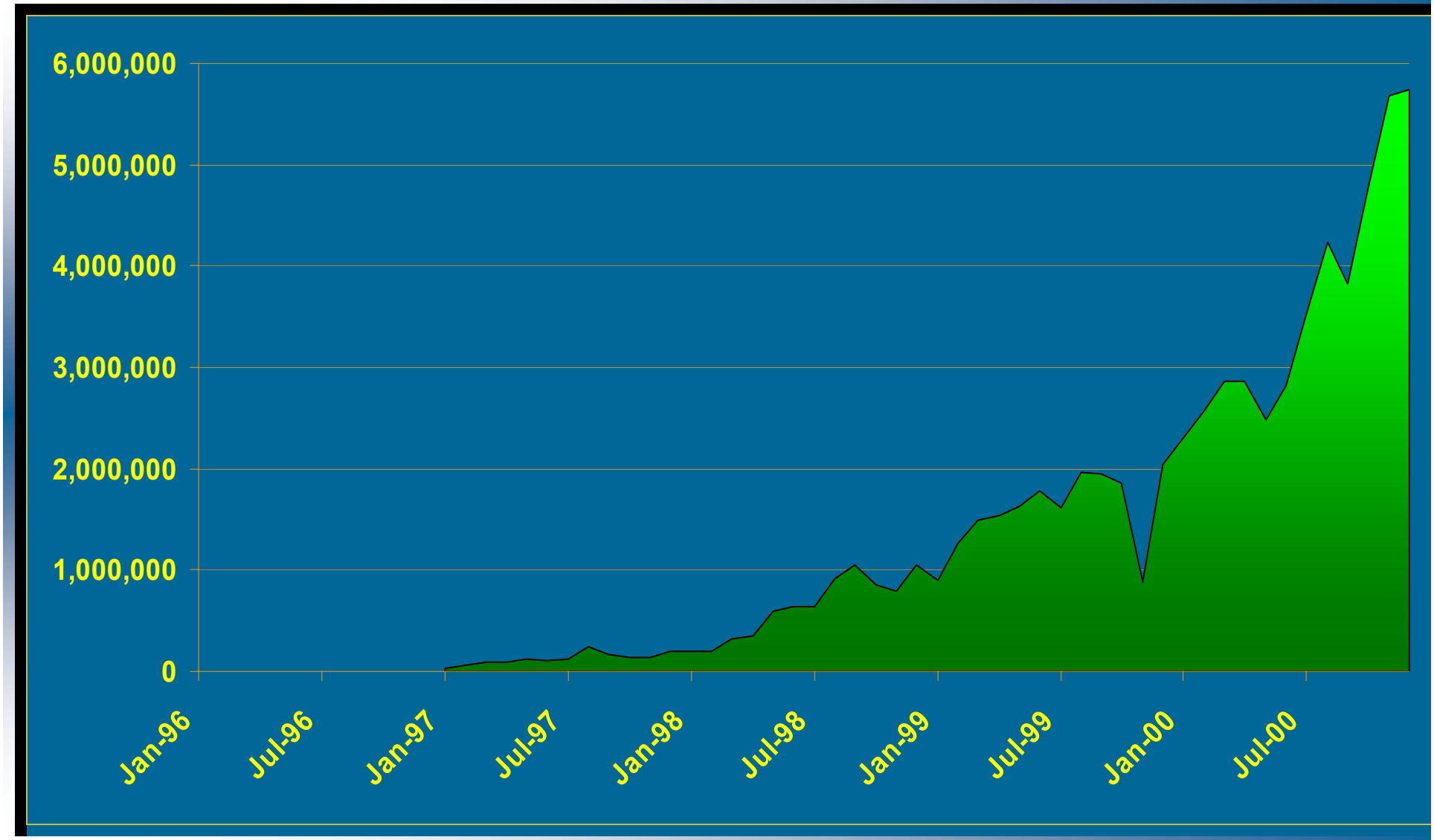
ASN Allocations - Distribution



IPv6 Allocations - Distribution



Whois Queries



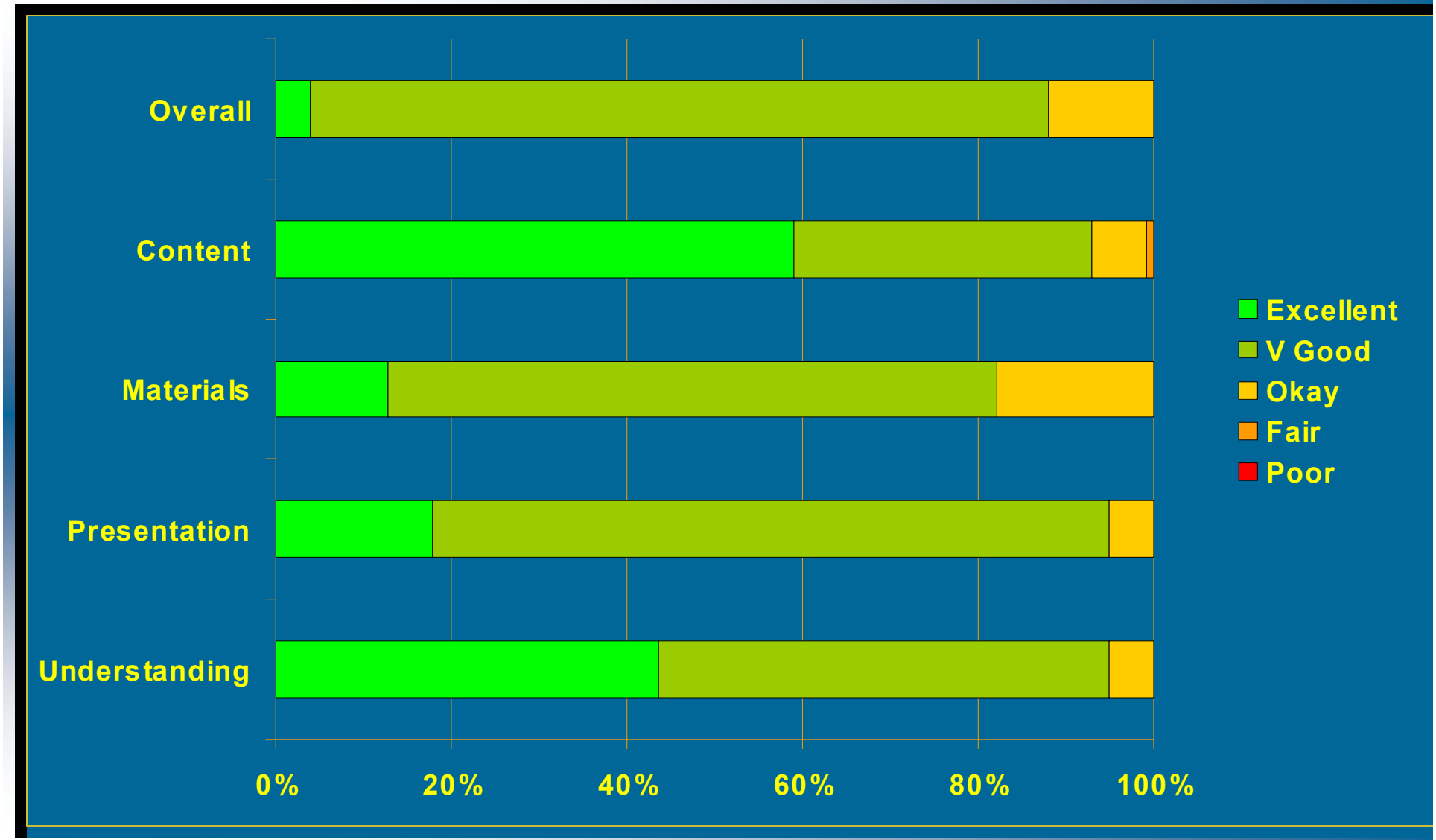
APNIC Status Report

Activities and Projects

Training

- Training courses during 2000
  - KR, CN, ID*, VN, TH, AU, NZ/Pacific*, TW
  - 350 trainees in total
  - Regular evaluation and review
- APNIC Seminars
  - Open events held in most training locations
  - ICANN/Governance seminars with APTLD (*)
- Schedule under development
  - “Expressions of Interest” may be submitted

Training Evaluation (VN, Sep 2000, N=13)



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”

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
  - Porting/testing new RIPE NCC server
  - Public beta with APNIC data - February
- Mirror servers
  - Exchange with ARIN and NCC planned

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

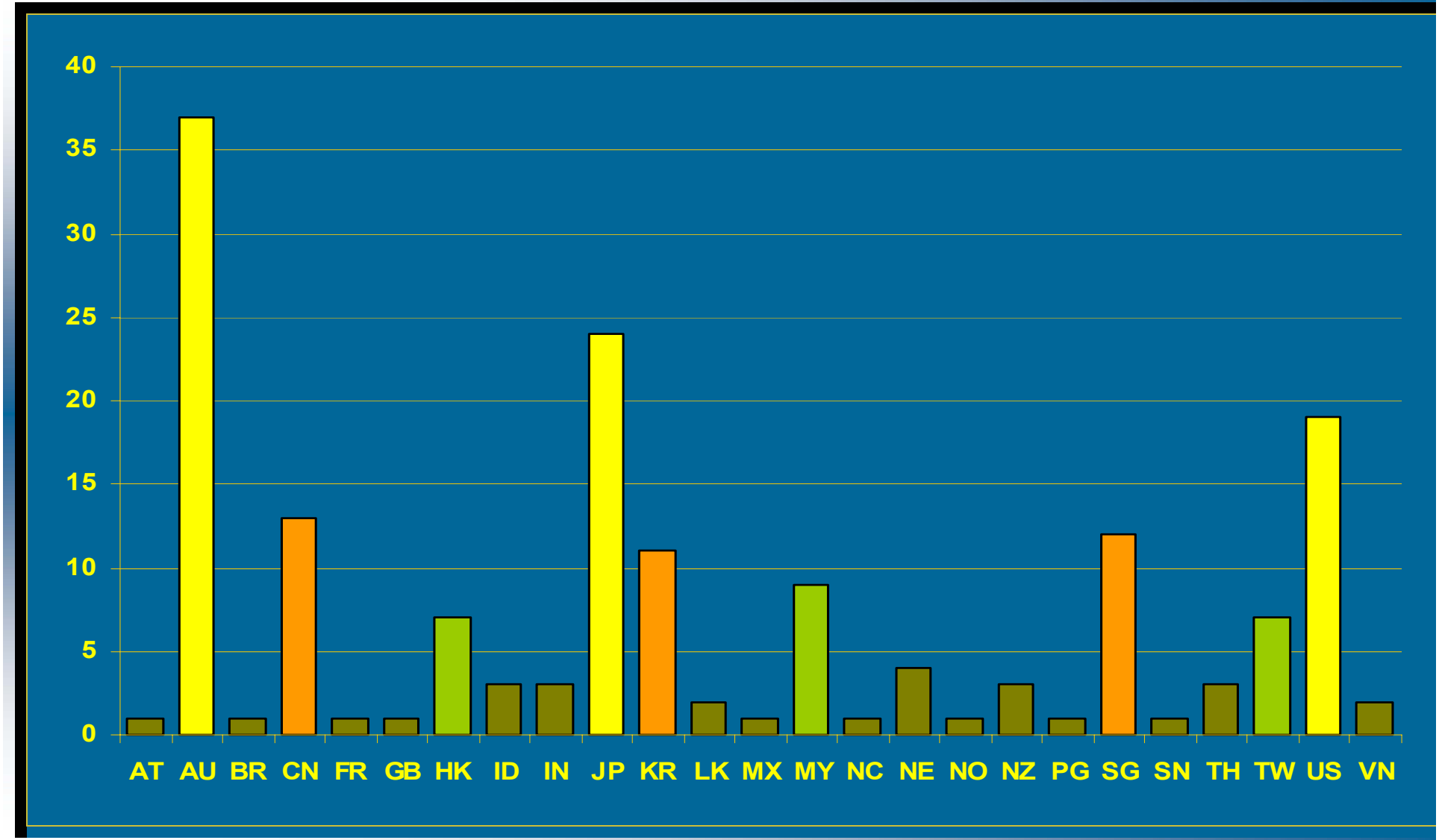
APNIC Status Report

Meetings

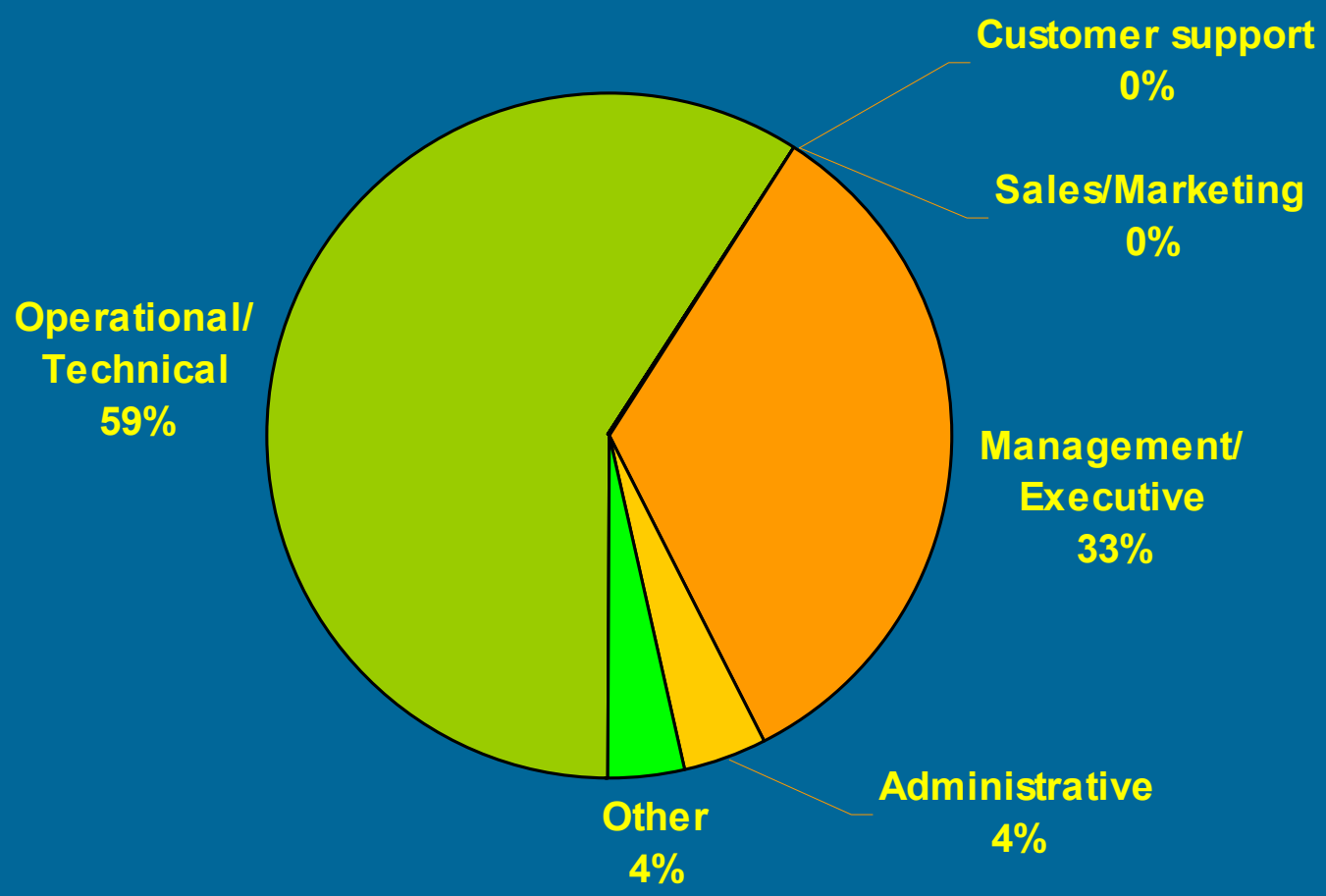
Meetings

- 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, etc
  - Evaluation

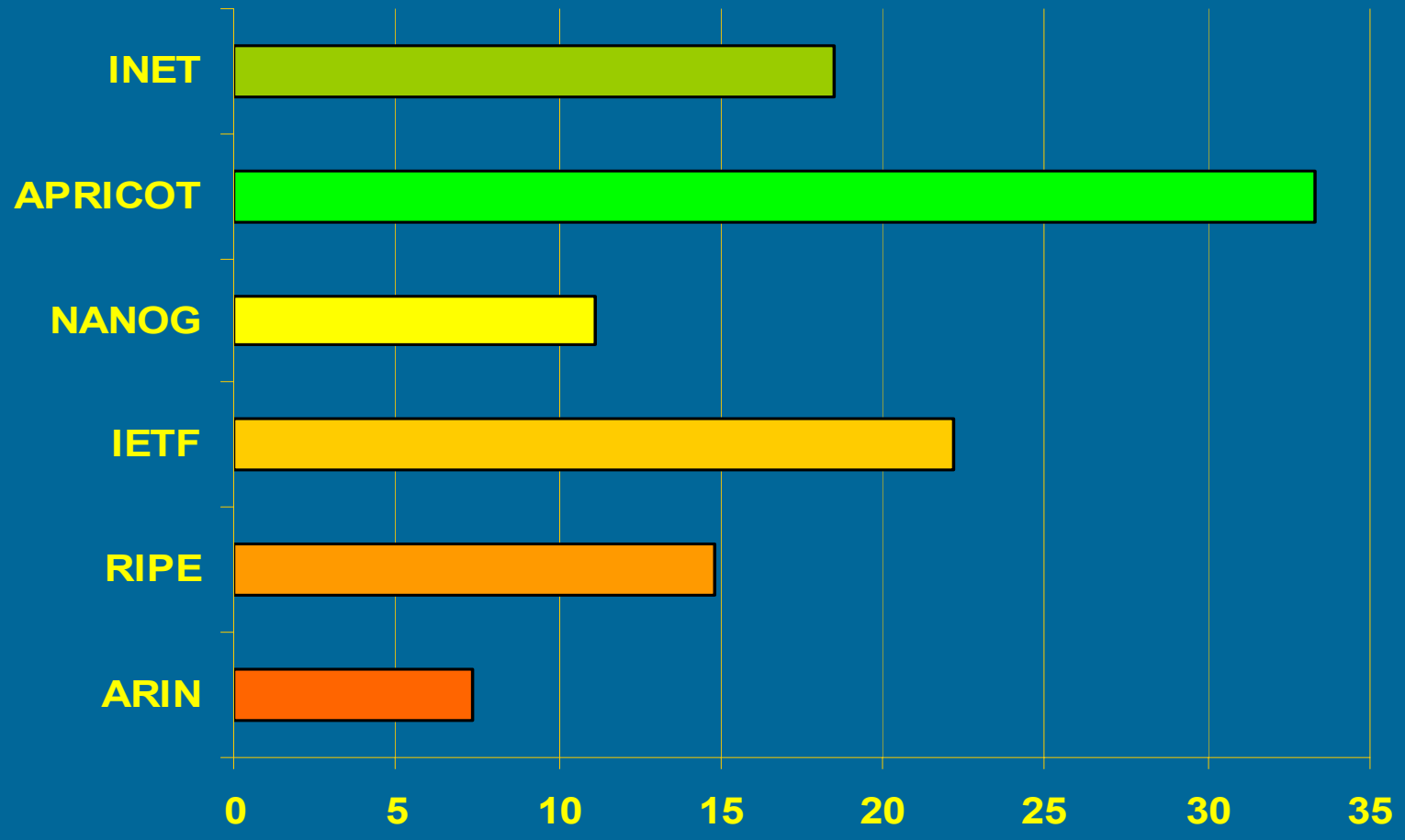
Meeting Attendance



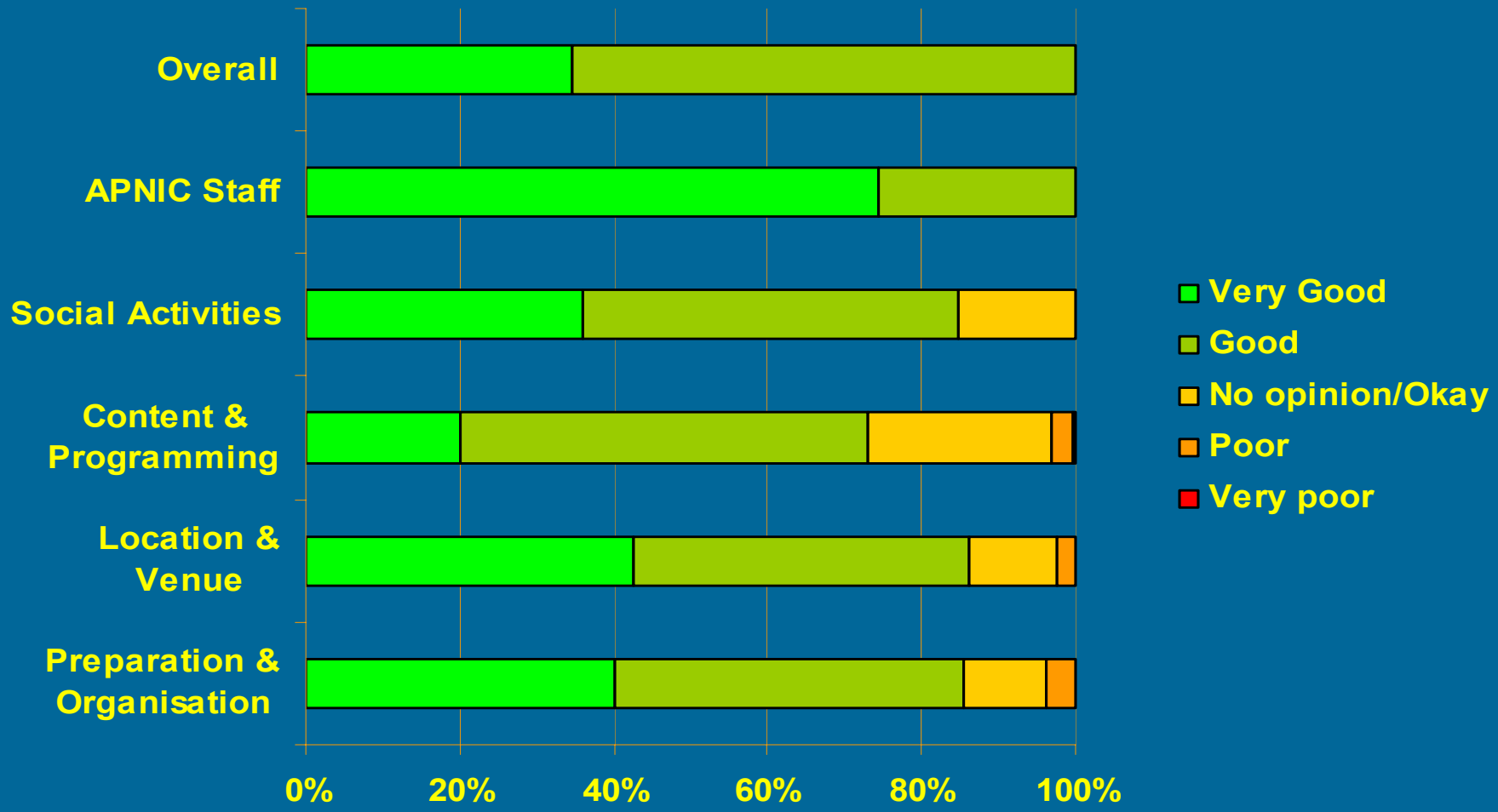
Attendee Profile



Other Meetings Attended



Overall Rating



Next Meetings

- APNIC-11
  - APNIC track during APRICOT2001
    - 26 March - 2 Feb, KL
  - Annual Member Meeting
    - Friday 2 February
- APNIC-12
  - August-September 2001
  - Location TBD

APNIC Update

Questions?