



APNIC Status Report

IEPG

November 1999

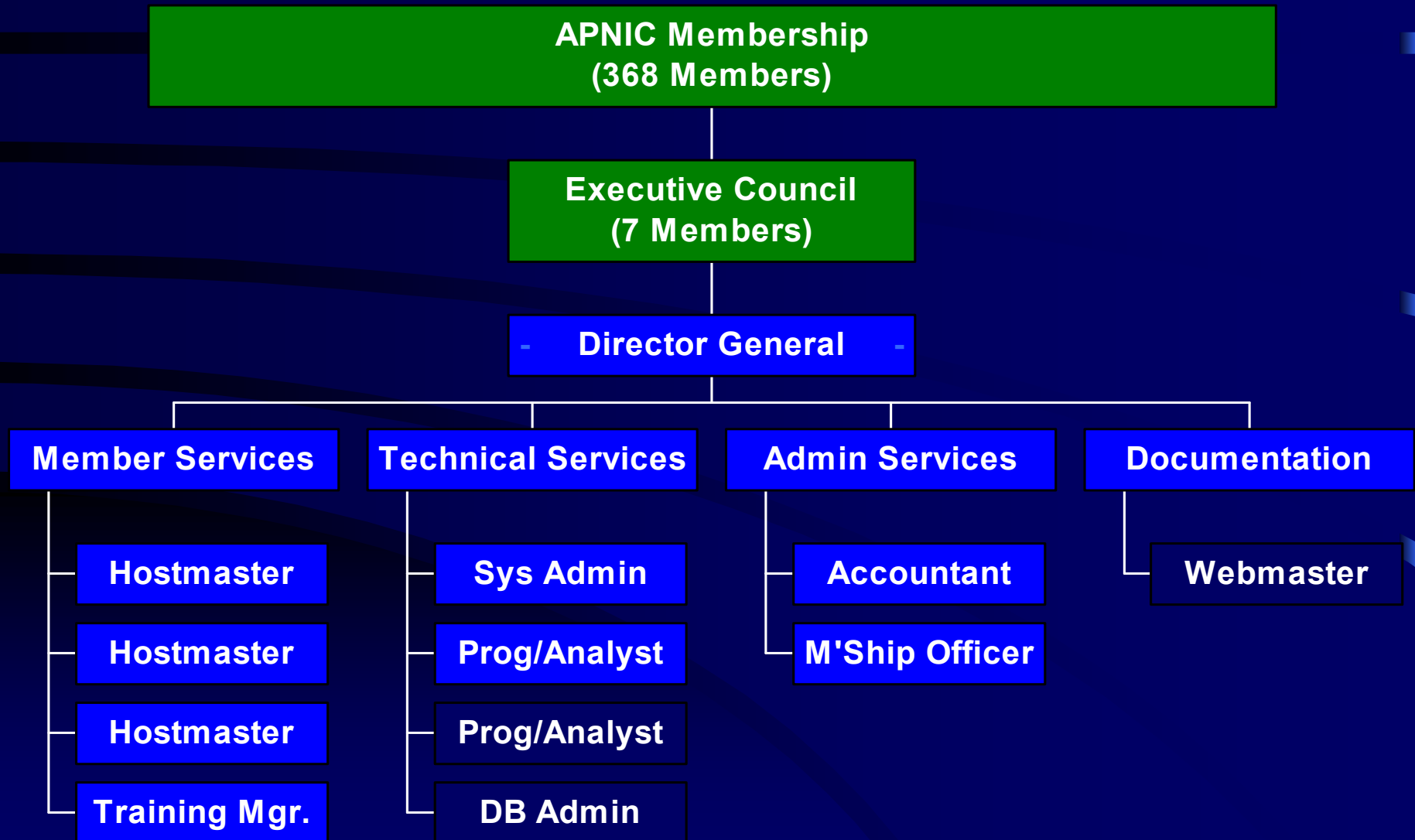


APNIC Status Report

- Membership
 - Resource Status
 - Recent Developments
 - Future Plans
-
- Questions?

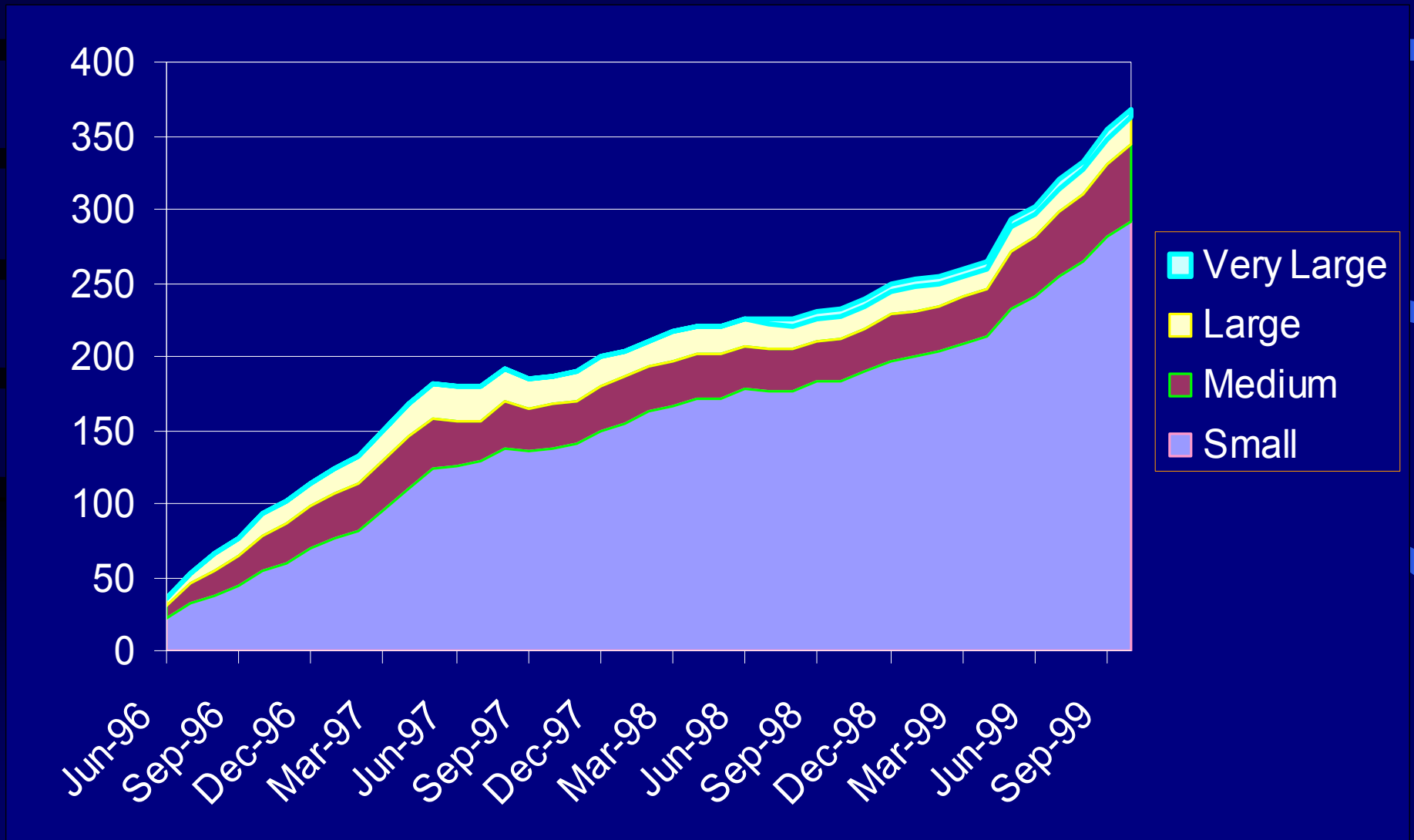


APNIC Structure



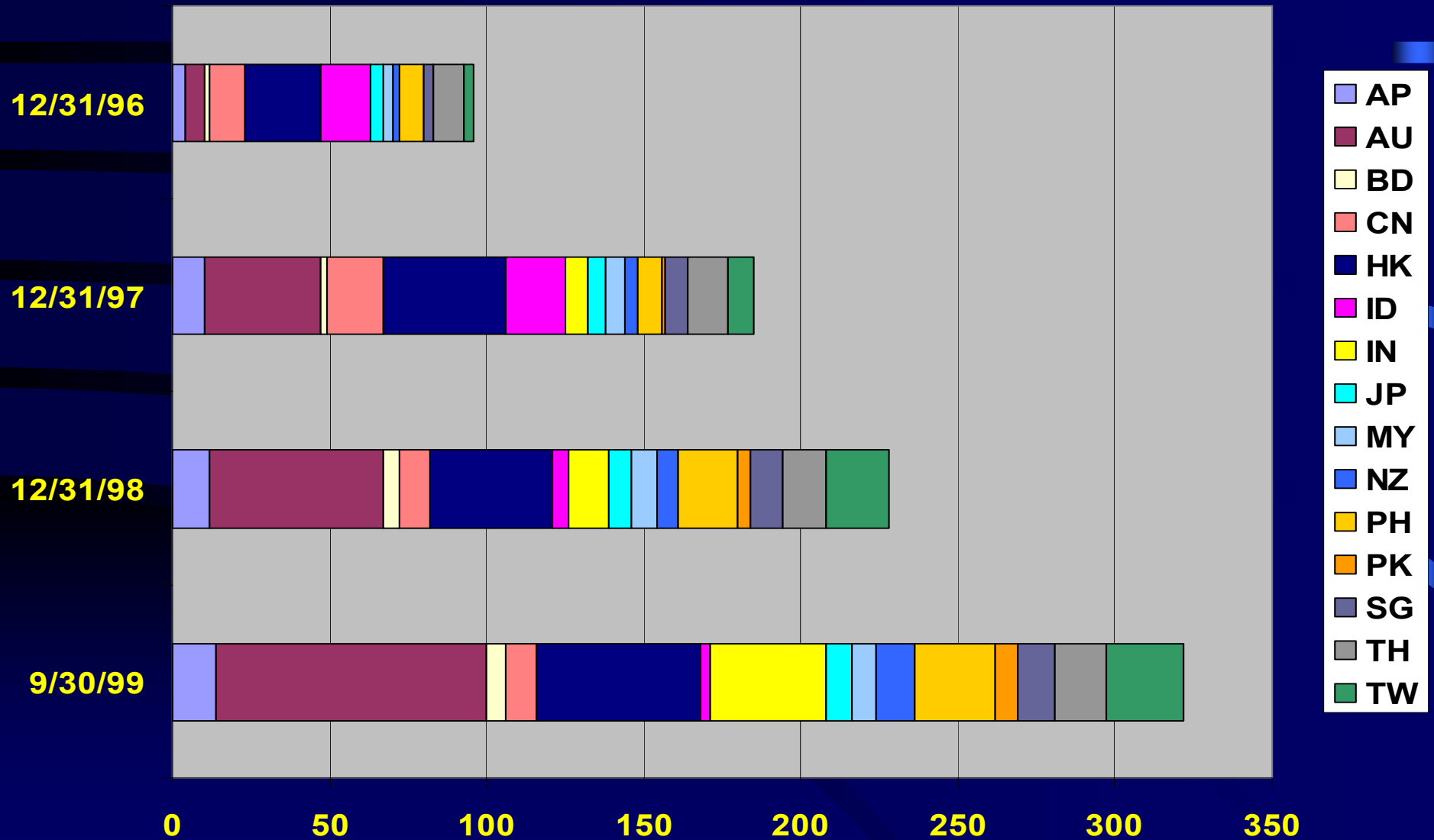


APNIC Membership





APNIC Membership





APNIC Resource Summary

- Free resources available
 - IP 54% free (total 5 x /8)
 - ASN 35% free (total 1500 ASNs)
- Consumption rate (3 years)
 - IP 520,000 IP/month (0.37 x /8 per year)
 - ASN 17 ASN/month (~200 per year)
- Consumption rate (1999)
 - IP 795,000 IP/month (0.57 x /8 per year)
 - ASN 22 ASN/month (~260 per year)



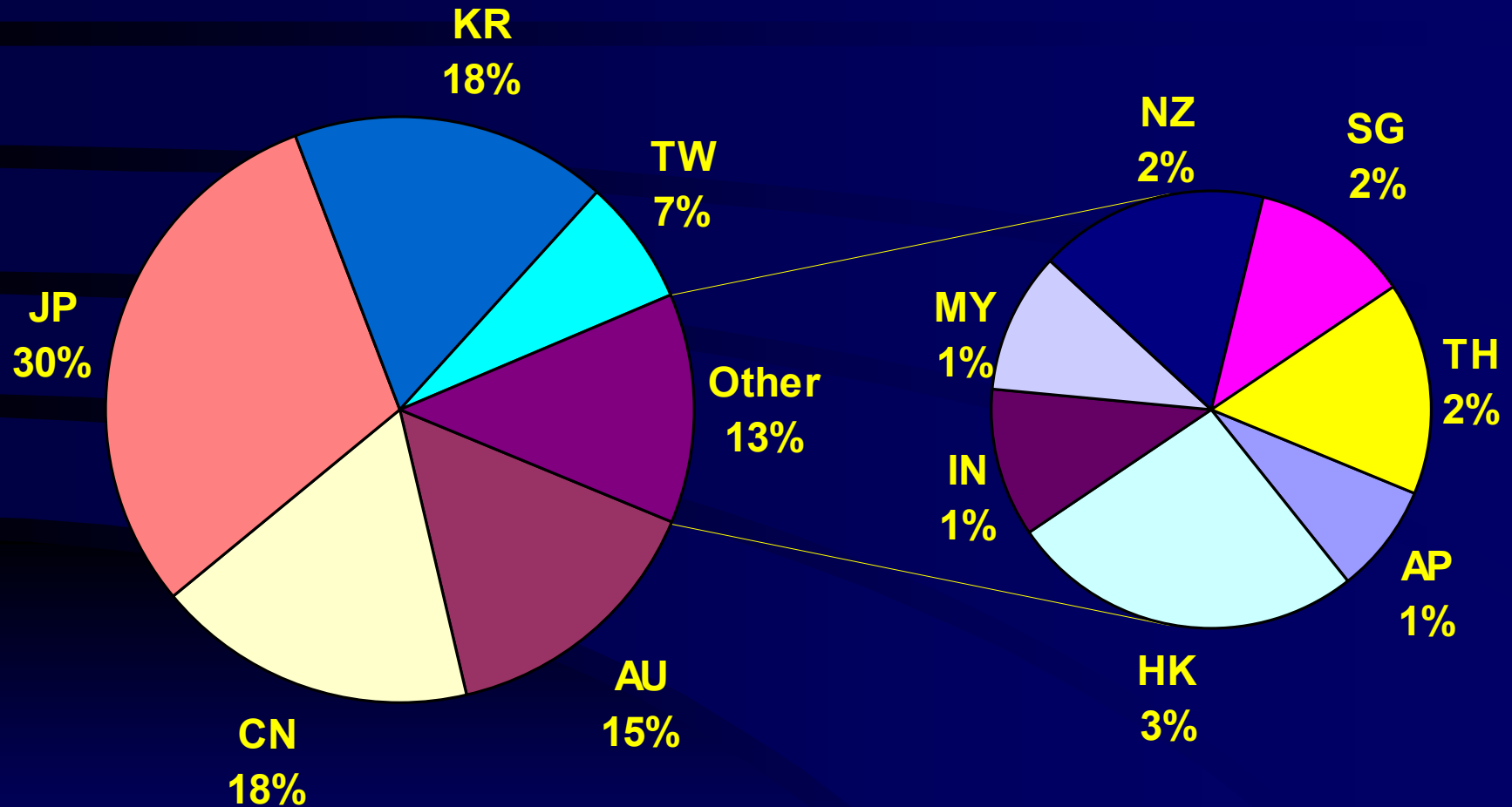
APNIC Resource Status

Address Block	Addresses	%Allocated	%Free	Date Delgated by the IANA
202/7	33554432	69.53	30.47	10 January, 1994
169.208/12	1048576	0.00	100.00	6 June, 1995
210/7	33554432	74.23	25.77	16 September, 1996
24.192/14	262144	6.25	93.75	7 December, 1998
61/8	16777216	6.30	93.70	25 April, 1997
Total	85,196,800	45.88	54.12	

As Block	Ases	%Allocated	%Free	Date Delgated by the IA
4608-4863	256	98.83	1.17	10 January, 1994
7467-7722	256	100.00	0.00	6 June, 1995
9261-10239	979	46.68	53.32	16 September, 1996
Total	1491	64.79	35.21	

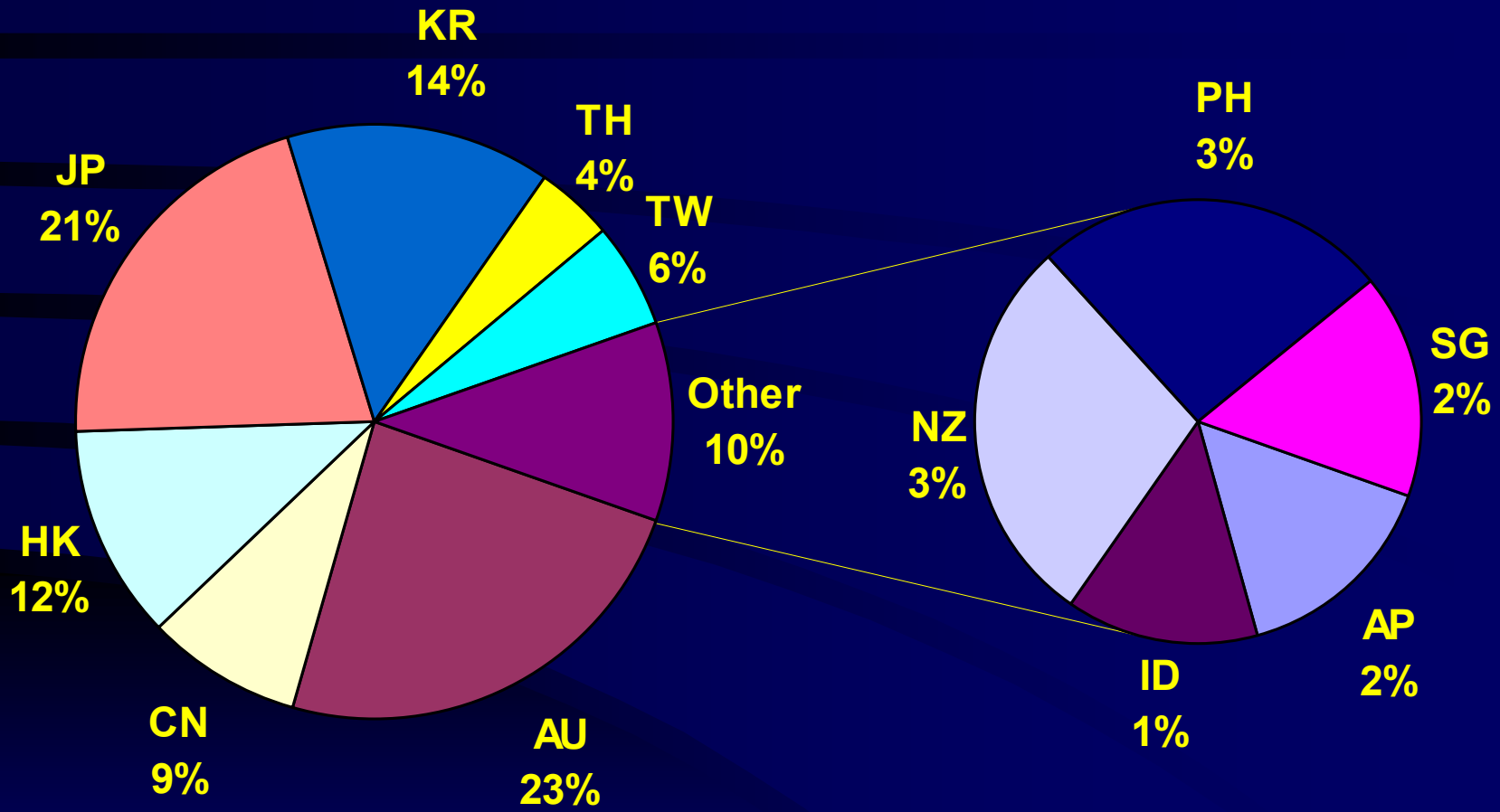


IP Allocation - Distribution



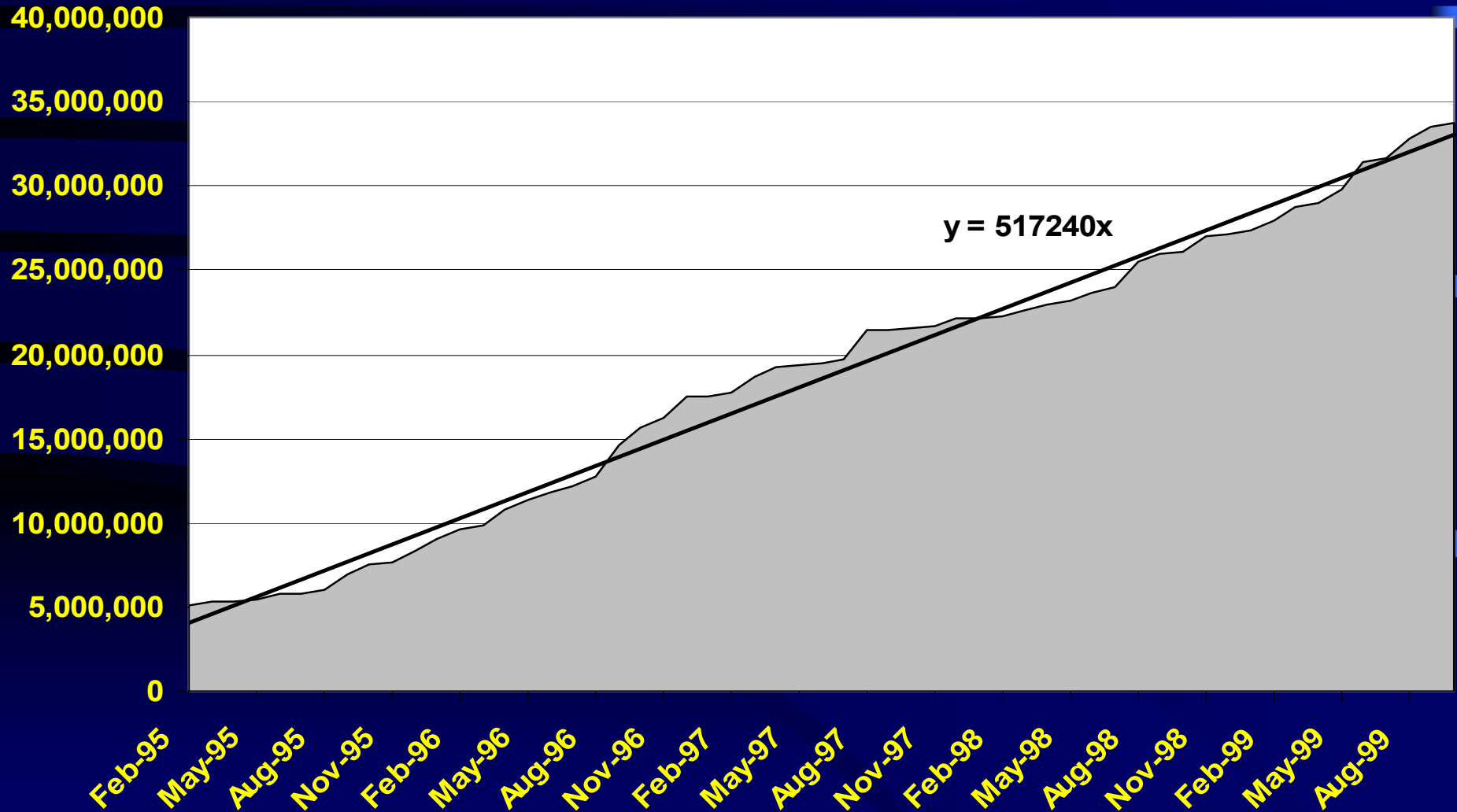


ASN Allocation - Distribution



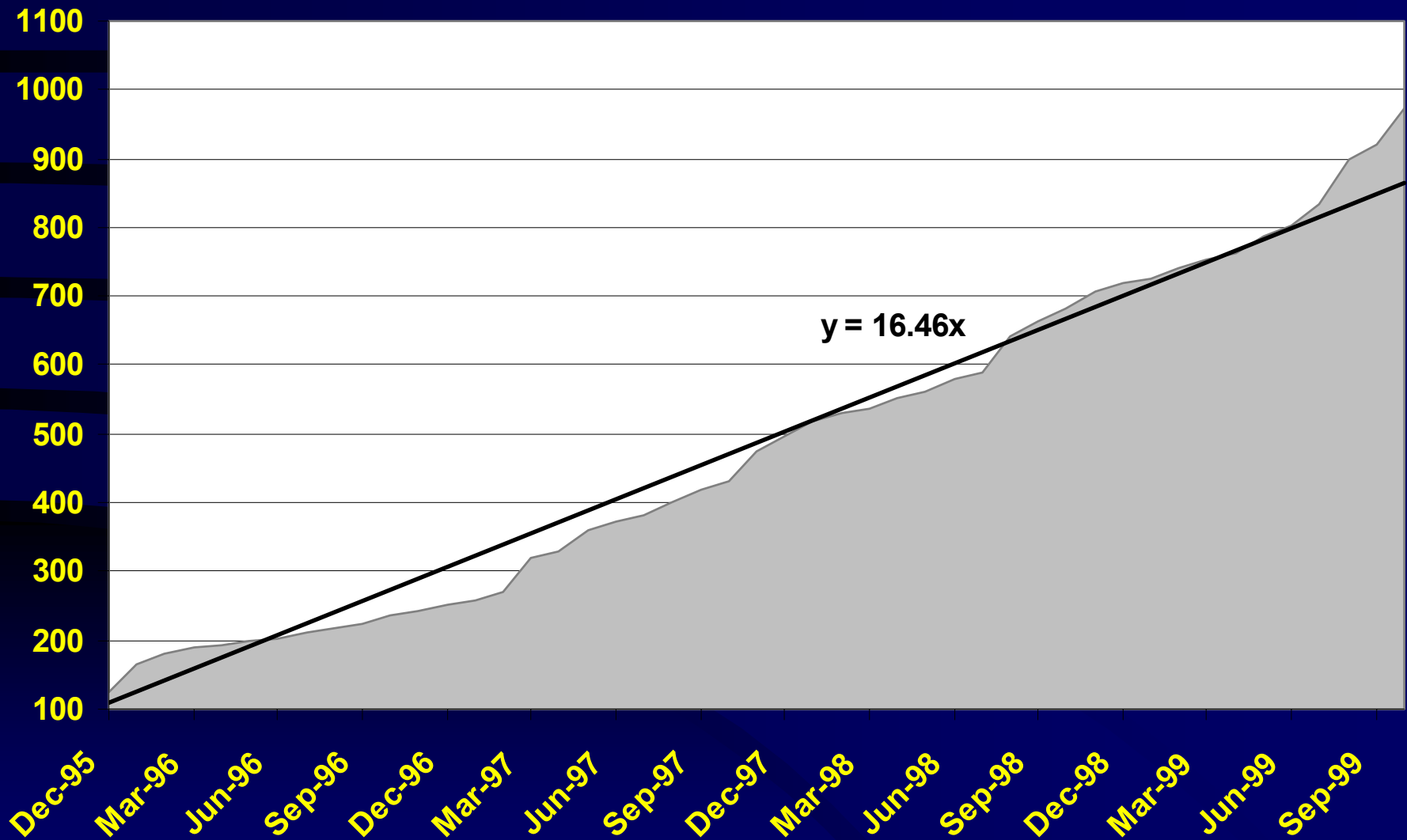


IP Allocation - Activity



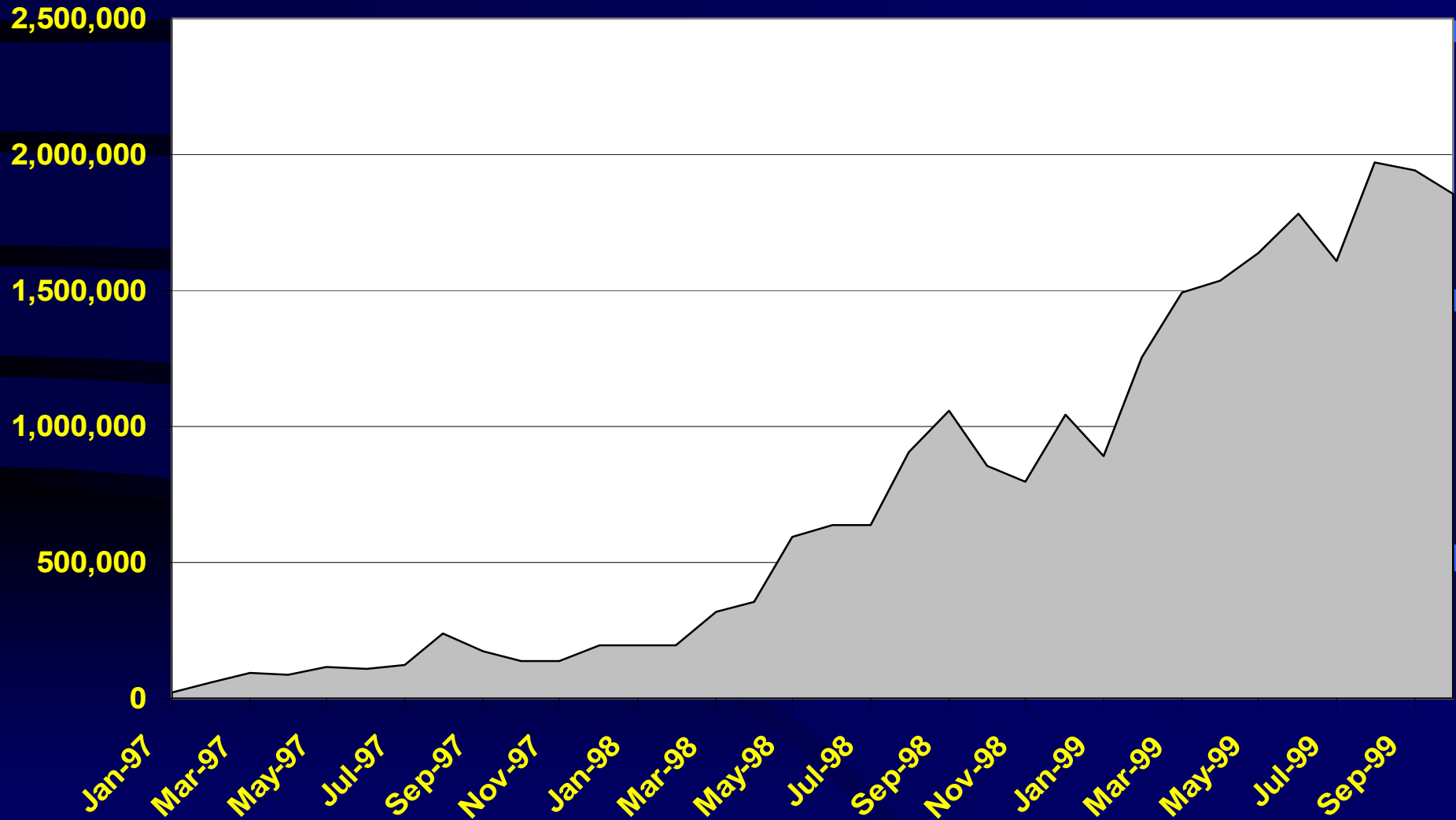


ASN Allocation - Activity



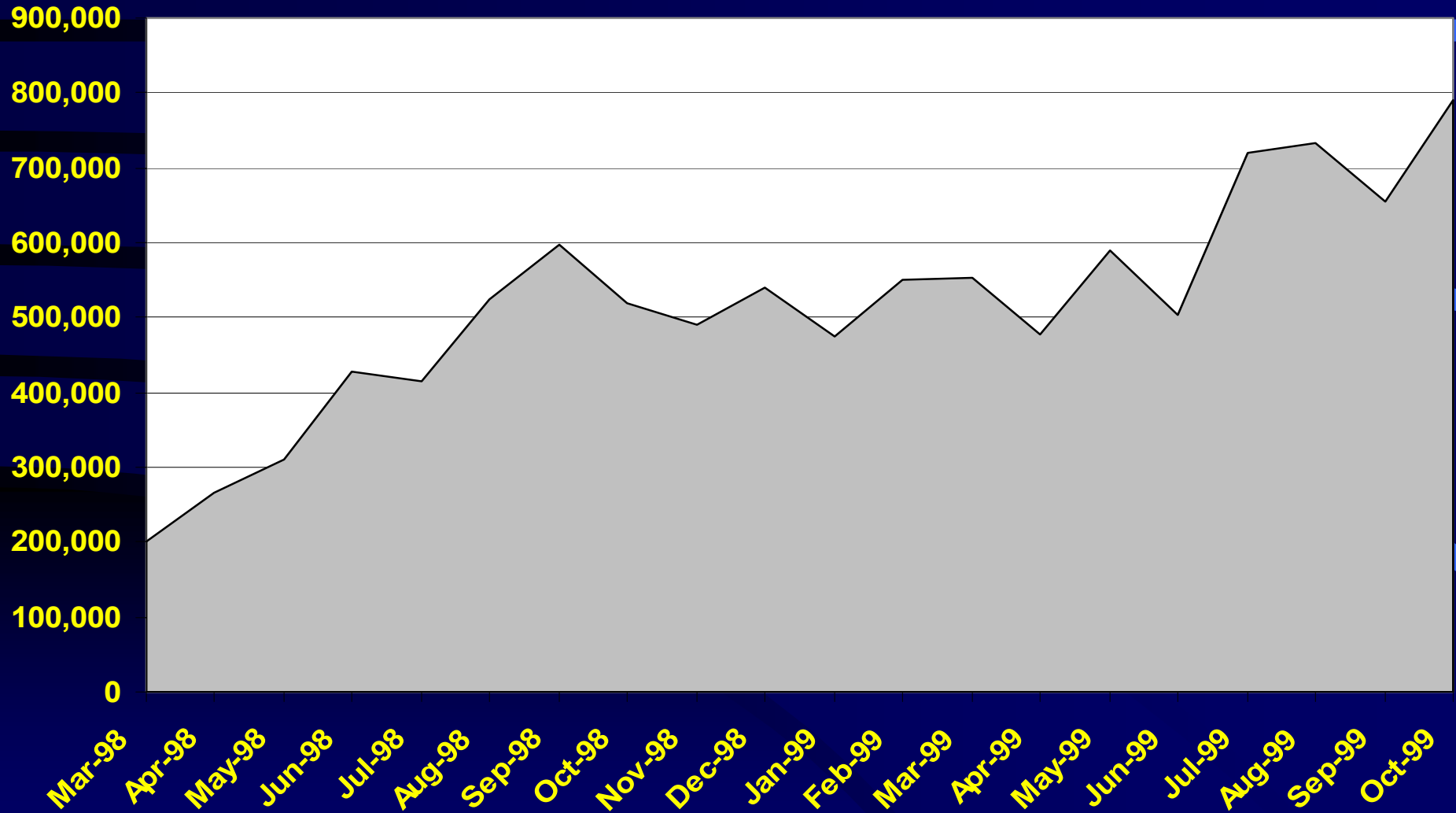


Whois Database Queries





Web Site Queries





IPv6 Status

- Allocation service launched
- 7 requests received
 - 3 Japan, 2 Korea, 1 Australia, 1 Singapore
 - 3 Commercial, 4 R&D
 - 5 from 6BONE, 2 with 40 transit customers
- 5 allocations made
 - 2 Japan, 1 Korea, 1 Australia, 1 Singapore



Training Programme

- Courses held and planned
 - Singapore, March 1999 (APRICOT)
 - India, June 1999
 - Hong Kong, July 1999
 - Philippines, Nov 1999
 - Australia/NZ, Dec 1999
 - Korea, February 2000 (APRICOT)
 - China, March 2000
- Resources
 - Training Manager position filled*
 - Course materials: <http://www.apnic.net/training>



Technical Services

- Primary server upgrade
 - 2-way cluster now deployed (Compaq/SCO)
- Mirrors upgraded (Tokyo)
 - still planning deployment at other RIRs
- Reverse DNS automation
 - generated from whois domain objects
 - real time update, authentication (mntnr)
- Y2K project underway
- Recruitment



Future Directions

- Resource management policies
 - Consideration of /20 minimum allocation
 - Leasing as basis of allocation
 - IPv6 document revision now due
- Open policy meetings
 - In line with ICANN ASO MoU
- Membership structure review
 - From “elective” to mandatory categories
 - New membership agreement



Future Directions

- Training services
 - Development and implementation
 - Developing more on-line 'help'
- Management & Admin Systems
 - Major internal development under way
 - Automated web forms and parsing
- Certification authority
 - Scoping/feasibility project about to start (X.509)
 - Identity certificates for APNIC members
 - Attribute certificates for resource allocations



APRICOT 2000

- Asia Pacific Regional Internet Conference on Operational Technologies (APRICOT)
 - Asia-Pacific equivalent of NANOG/RIPE
 - Stronger emphasis on education and training
- Hot off the press...
 - February 28 to March 2 2000
 - Seoul, Korea
 - See <http://www.apricot.net>



APNIC at APRICOT 2000

- Major (Platinum) sponsor
- APNIC conference track
 - Training course(s)
 - “special interest groups”
 - IPv6, RPSL, DNS ...
- AP region Open Policy Meeting (ASO)
- APNIC Annual Member Meeting
 - 3 March 2000



Status Report

Questions?

<http://www.apnic.net>