

APNIC Status Report

*“Addressing the challenge of responsible
Internet resource distribution in
the Asia Pacific region.”*

IEPG Meeting, December 2000

Agenda

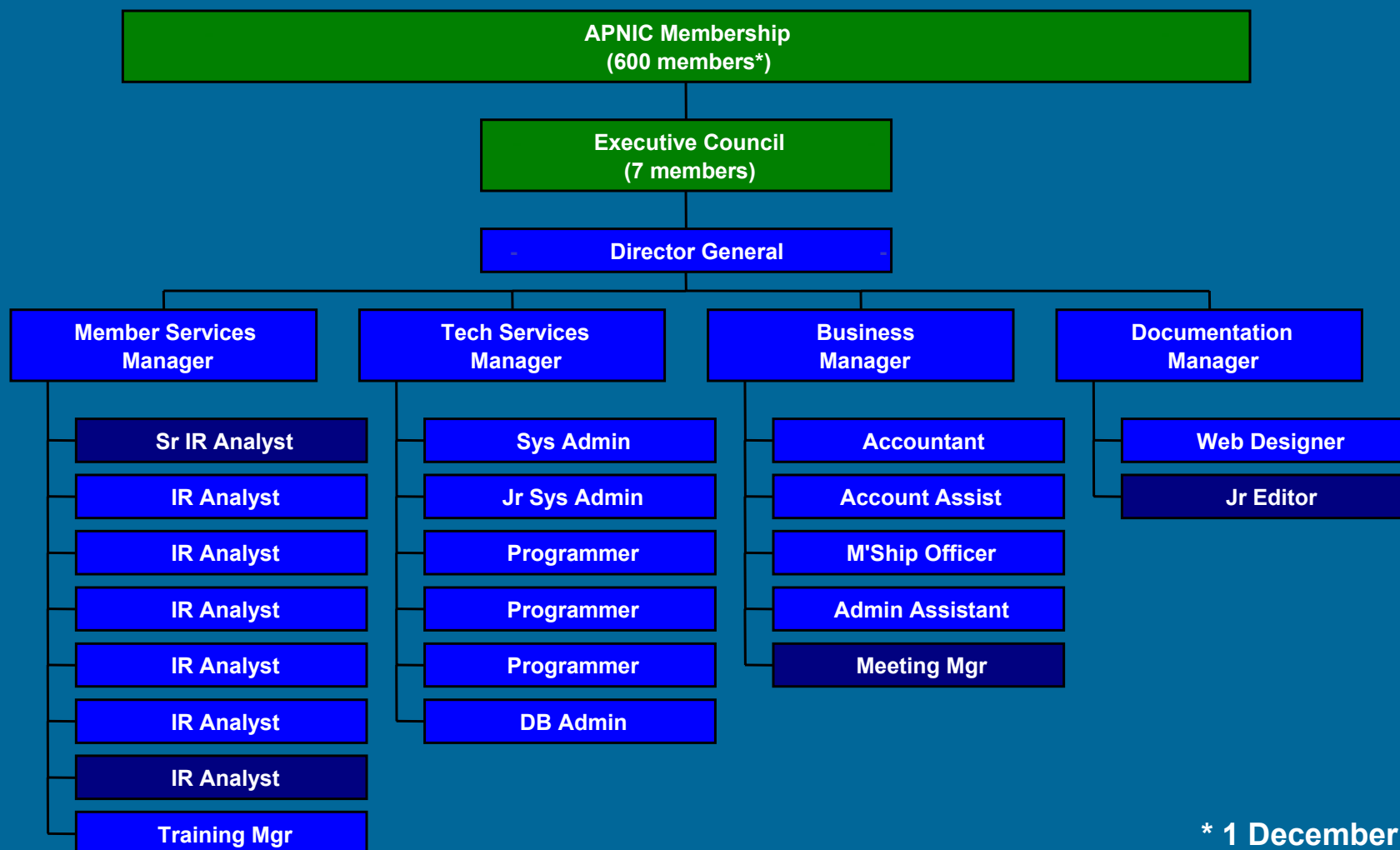
- ◆ APNIC Status
- ◆ APNIC Structure
- ◆ APNIC Membership
- ◆ Resource Status
- ◆ Future Directions

Status Report December 2000

- ◆ Membership
 - ◆ Grew from 381 to 600 (57%) since 1/1/2000
 - ◆ Members now in 37 of 62 AP economies
- ◆ Resource Allocations
 - ◆ IPv4: from 2.42 to 3.61 x /8 (49%)
 - ◆ ASN: from 1042 to 1607 (54%)
- ◆ Secretariat
 - ◆ Grew from 12 to 22 staff (45%)
 - ◆ 25,337 tickets processed year to date



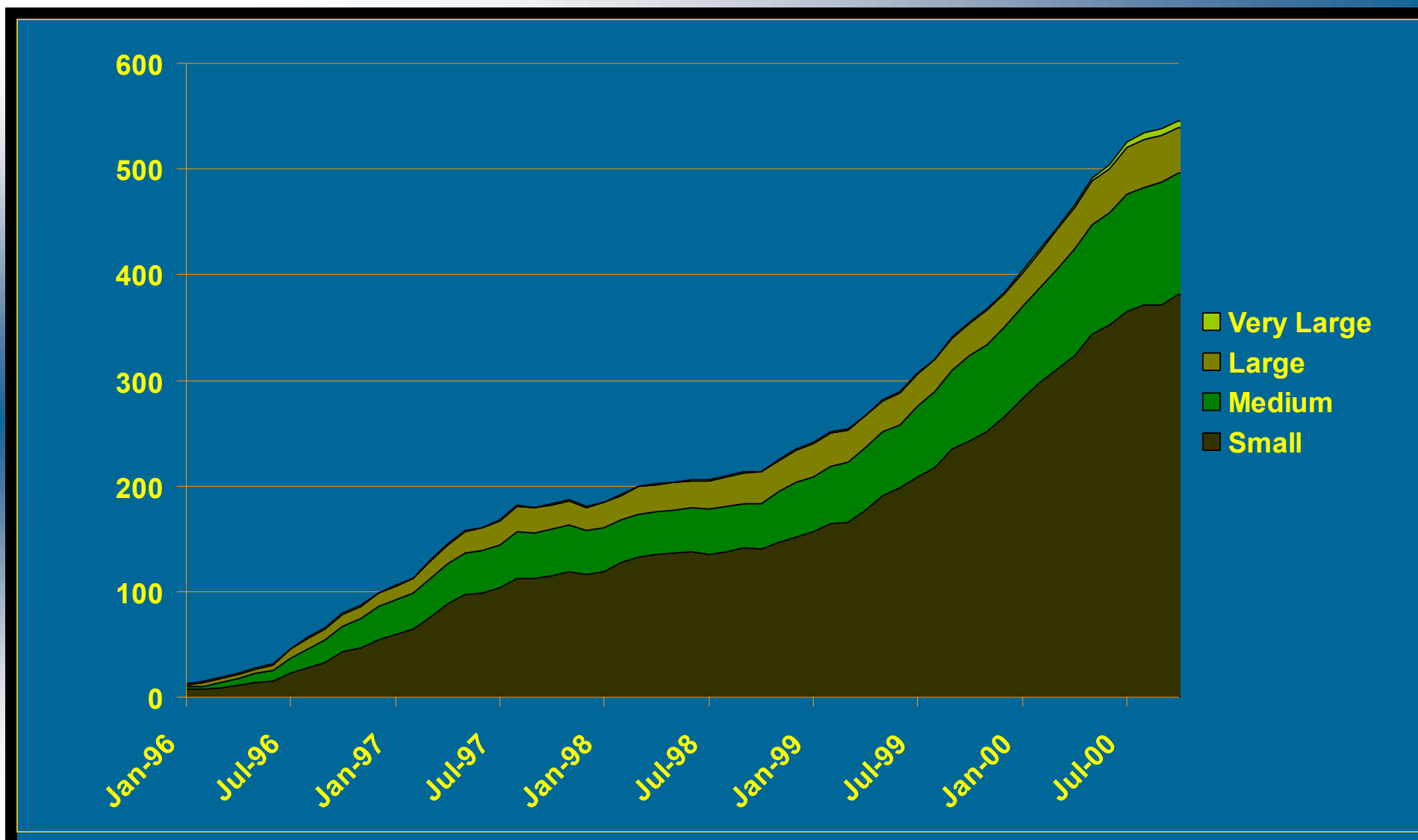
APNIC Structure



* 1 December 2000



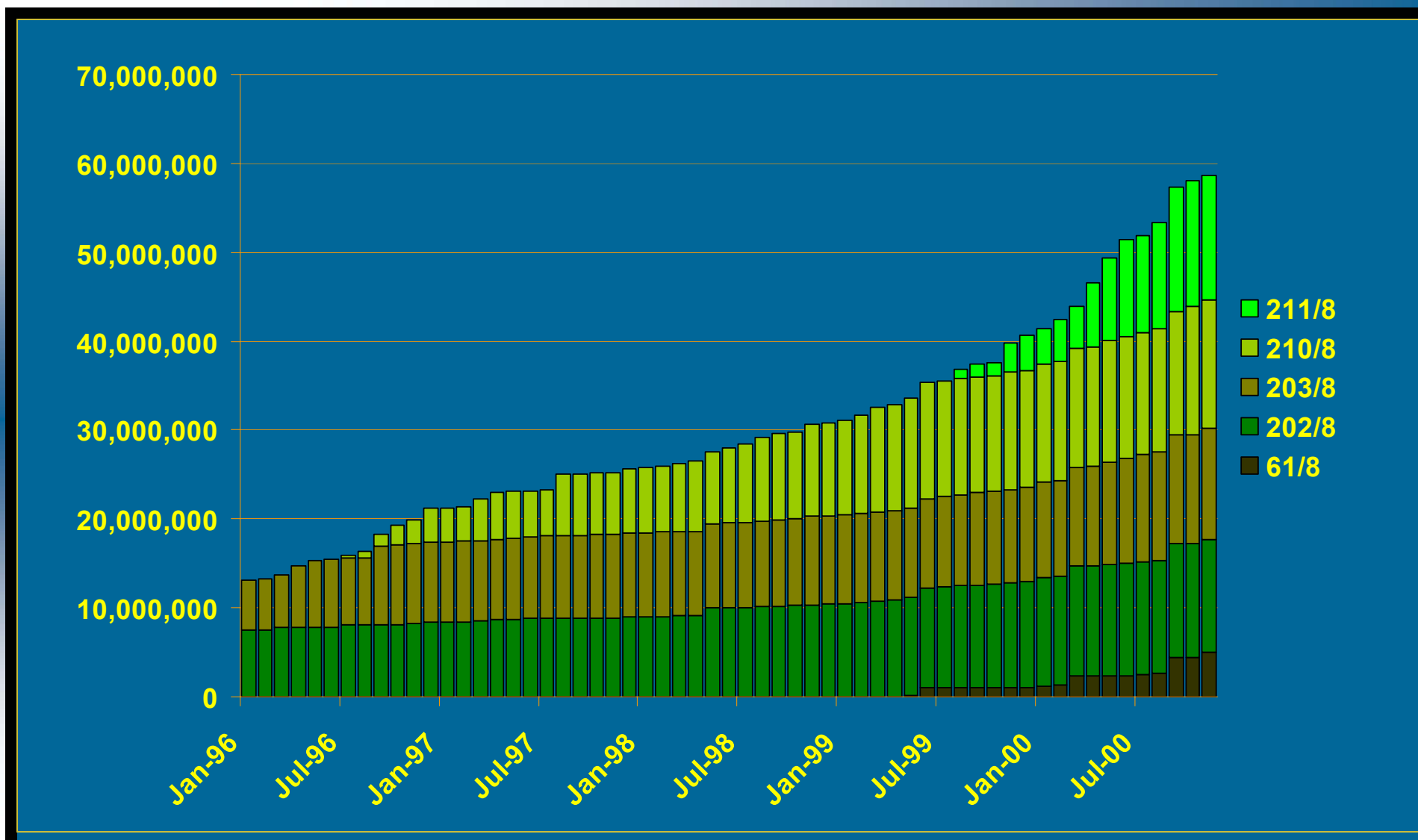
APNIC Membership



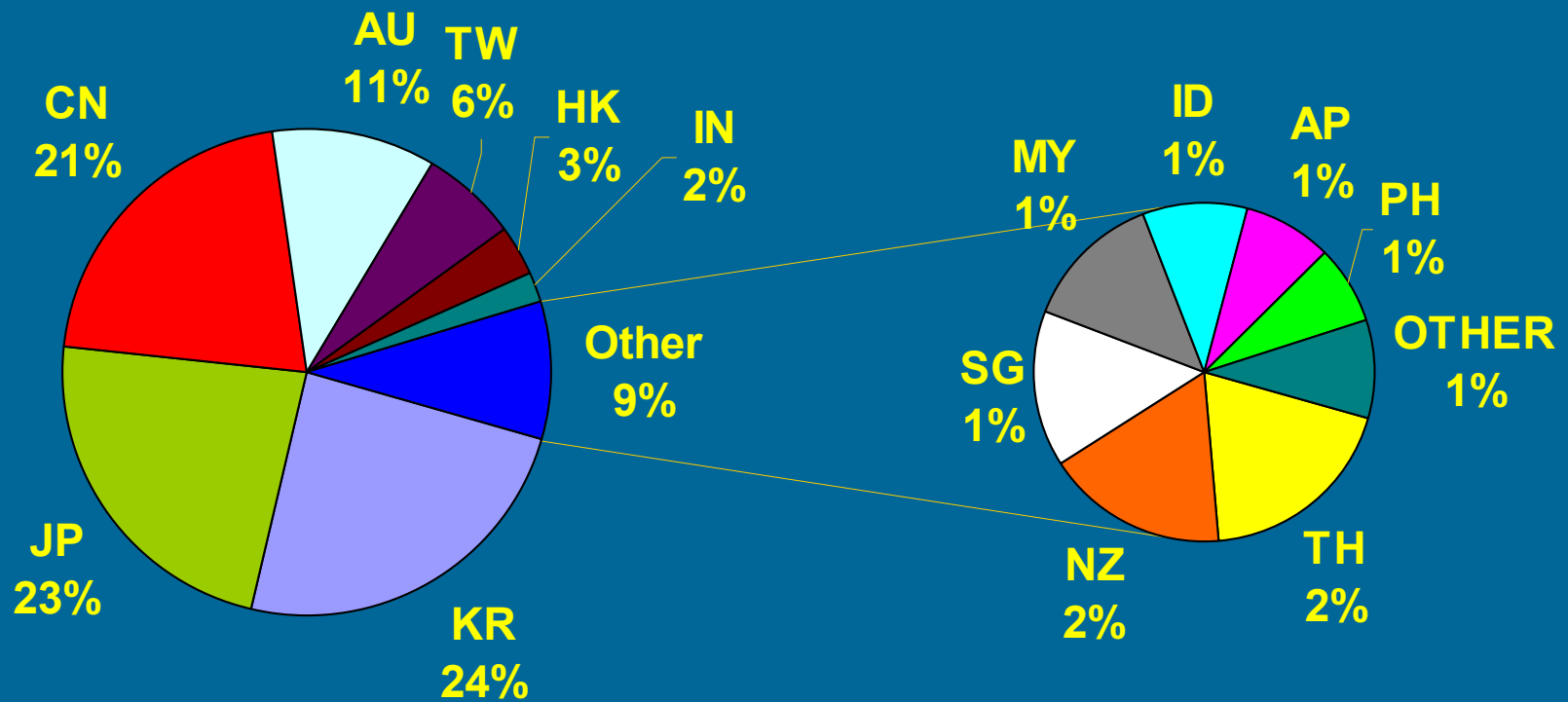
APNIC Resources

- ◆ Consumption rate (3 years)
 - ◆ IPv4 977,223 IP/month (0.70 x /8 p.a.)
 - ◆ ASN 31 ASN/month (377 p.a.)
- ◆ Consumption rate (1999)
 - ◆ IPv4 1,735,552 IP/month (1.24 x /8 p.a.)
 - ◆ ASN 27 ASN/month (323 p.a.)
- ◆ Consumption rate (6 months)
 - ◆ IPv4 1,878,272 IP/month (1.34 x /8 p.a.)
 - ◆ ASN 40 ASN/month (478 p.a.)

IPv4 Allocations - Total



IPv4 Allocations - Distribution

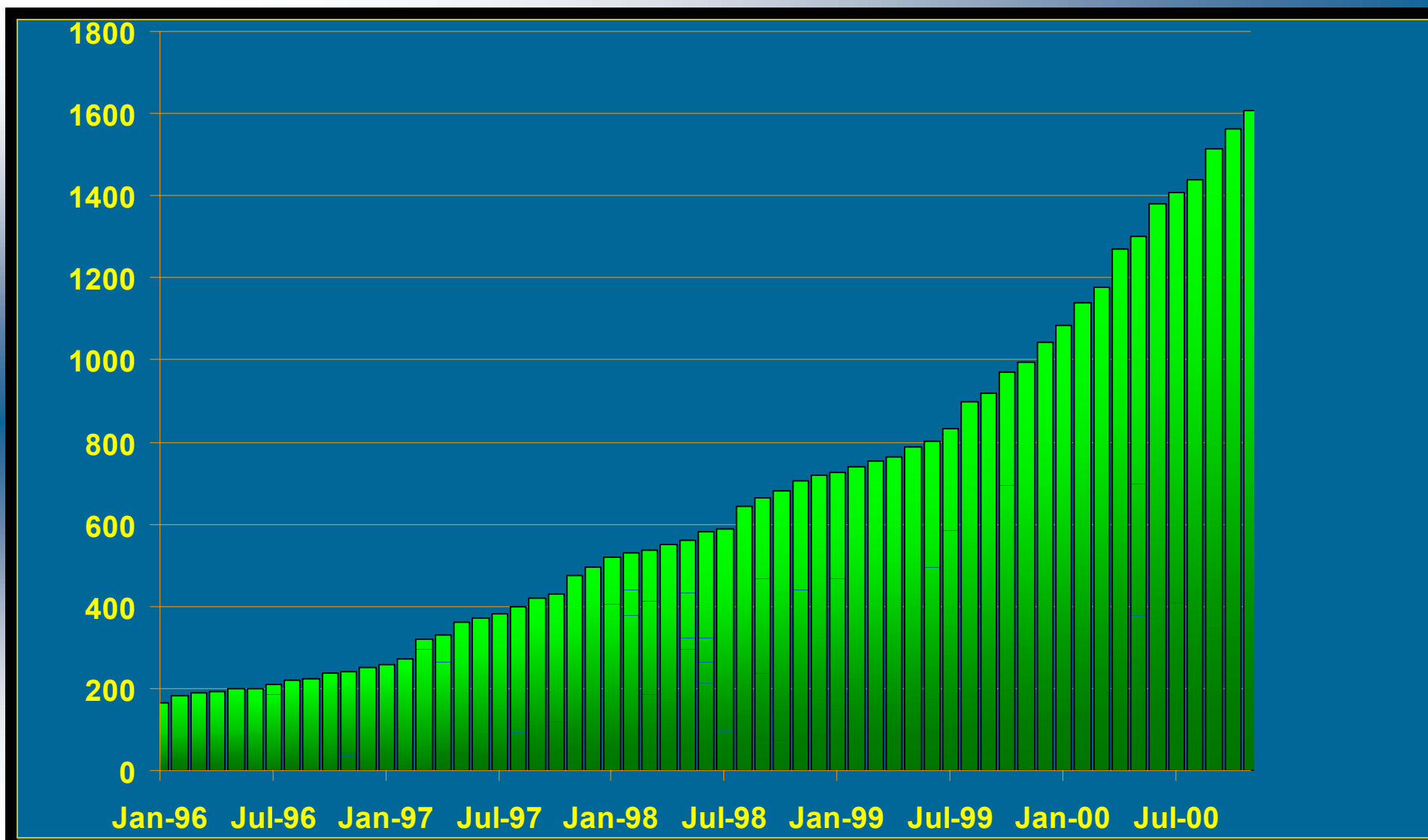




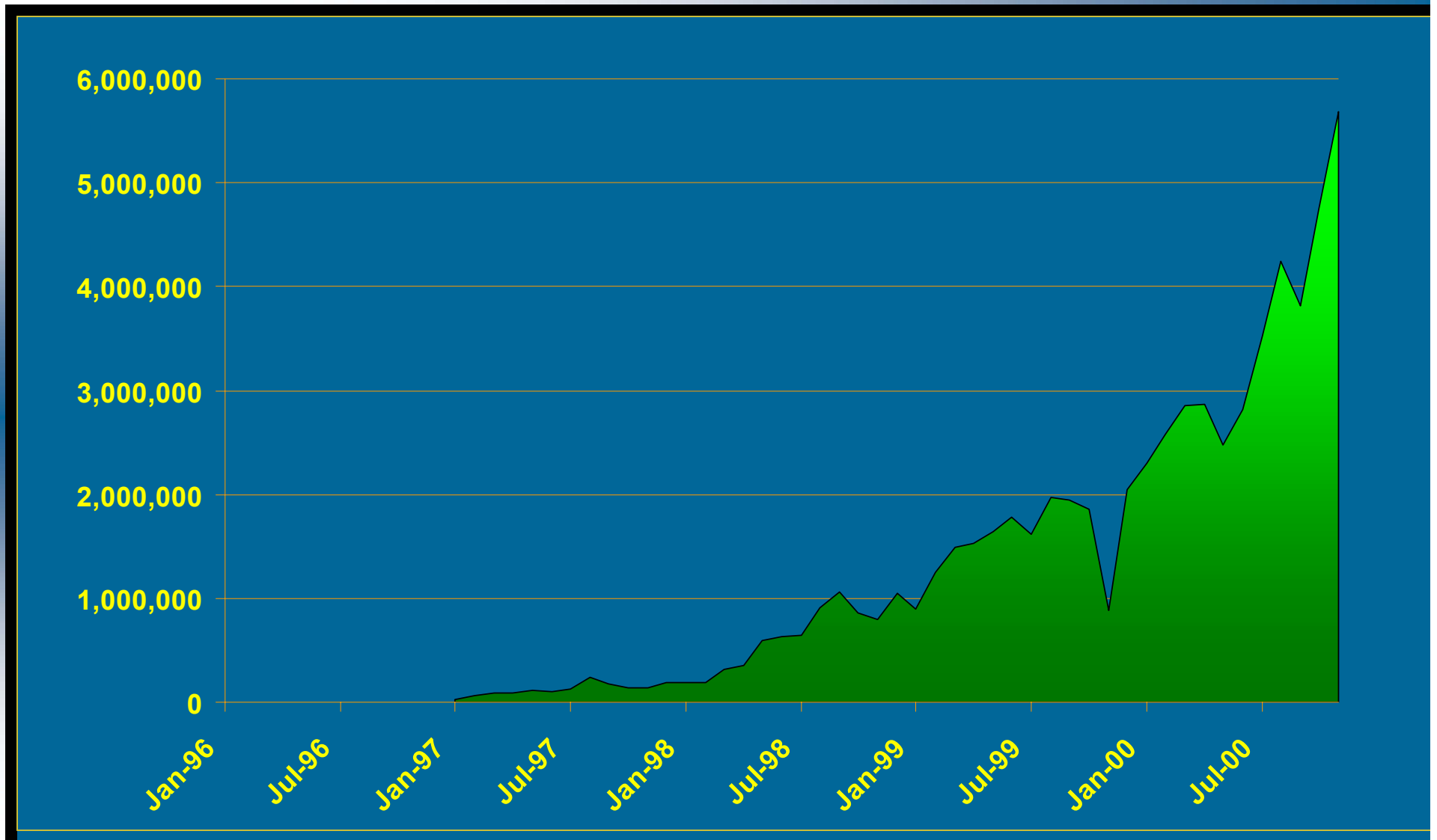
IPv6 Allocations - Total

CONNECT-AU-19990916	2001:210::/35
WIDE-JP-19990813	2001:200::/35
NUS-SG-19990827	2001:208::/35
KIX-KR-19991006	2001:220::/35
ETRI-KRNIC-KR-19991124	2001:230::/35
NTT-JP-19990922	2001:218::/35
HINET-TW-20000208	2001:238::/35
IMNET-JPNIC-JP-20000314	2001:248::/35
IIJ-JPNIC-JP-20000308	2001:240::/35
CERNET-CN-20000426	2001:250::/35
INFOWEB-JPNIC-JP-2000502	2001:258::/35
JENS-JP-19991027	2001:228::/35
BIGLOBE-JPNIC-JP-20000719	2001:260::/35
6DION-JPNIC-JP-20000829	2001:268::/35
DACOM-BORANET-20000908	2001:270::/35
ODN-JPNIC-JP-20000915	2001:278::/35
KOLNET-KRNIC-KR-20000927	2001:280::/35
TANET-IPV6-TW	2001:288::/35

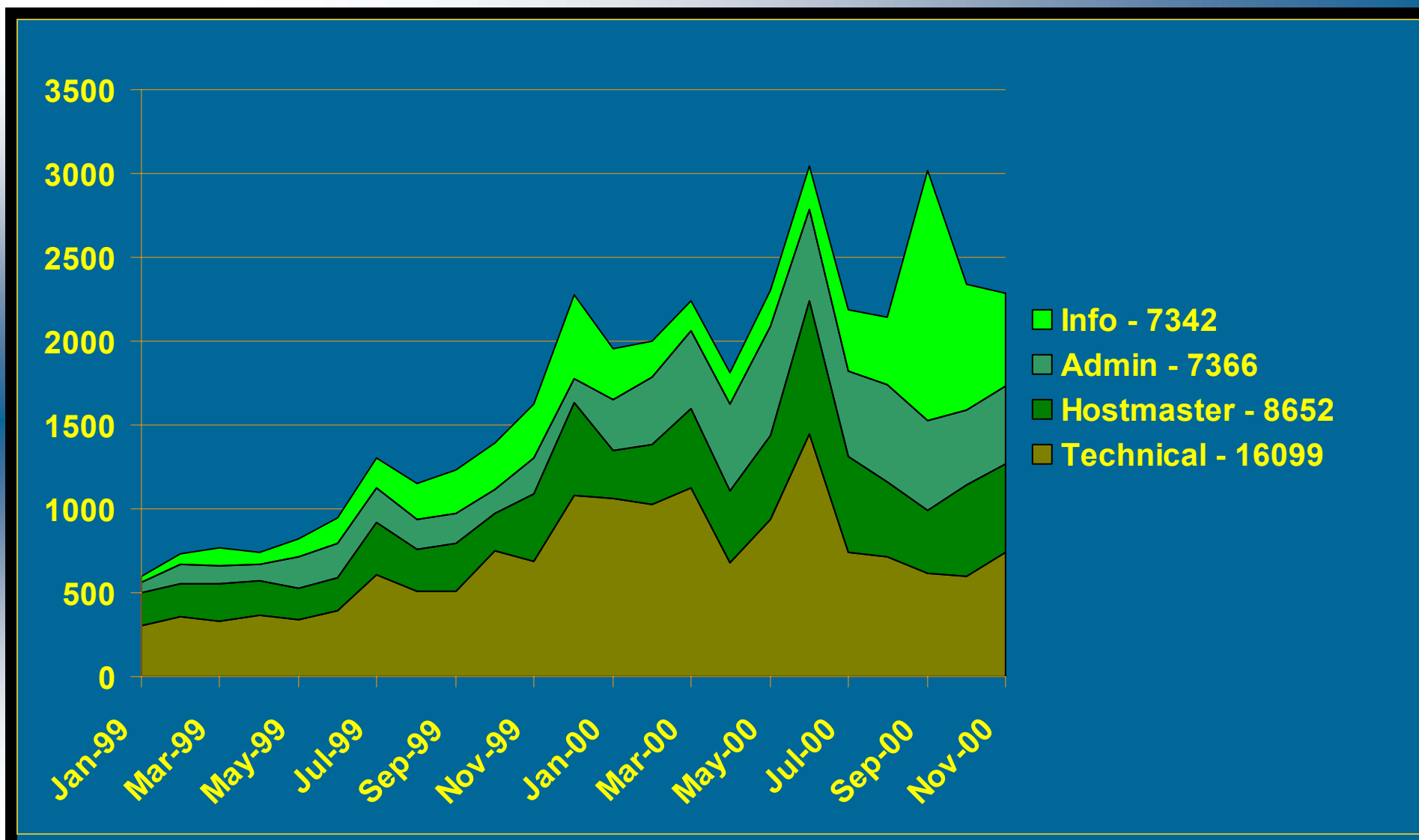
ASN Allocations - Total



Whois Queries



Ticketing System



Service Developments

- ◆ In-addr redistribution
 - ◆ Transfer of legacy whois & in-addr from ARIN
- ◆ IRR
 - ◆ Researching suitable server platforms
 - ◆ Porting/testing new RIPE NCC server (RPSL)
- ◆ Mirror servers
 - ◆ Exchange with ARIN planned for Q1/2001



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

◆ Questions?