



APNIC

**ARIN**  
American Registry for Internet Numbers





# RIR Co-ordination and Joint Statistics



Prepared By  
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# Overview

- Joint Efforts
- Statistics
- Questions



# RIR Coordination



- IPv6 policy development (WG)
- RFC 2050 policy evaluation (WG)
- Early registration transfer project
- Joint Presentations
  - ASO GA – March 2002
  - ICANN – March 2002
  - IETF(IEPG) – March 2002
  - AfNOG & AfriNIC – May 2002
- Information Exchange





# Open Policy Meetings



- **APNIC (2 per year)**
  - 3 - 6 Sept. 2002 - Kita-Kyushu, Fukuoka, JP
- **ARIN (2 per year)**
  - Fall 2002 - TBD
- **RIPE (3 per year)**
  - 29 Apr. - 3 May 2002 - RIPE 42 - Amsterdam, NL
  - 9 - 13 Sept. 2002 - RIPE 43 - Rhodes, GR



# Emerging RIRs

- LACNIC
  - ARIN coordinating closely with LACNIC on training and upcoming transition
  - Last open policy meeting - Nov 2001, Saó Paulo, Brasil
- AfriNIC
  - All 3 RIRs providing support
  - Open policy meeting - 14 May 2002, Lome, Togo



# Outreach



- Objectives
  - Raise awareness
  - Promote industry self-regulation
- Activities
  - Meetings with
    - Government representatives
    - Industry groups
  - Training Programs



# ASO Activities



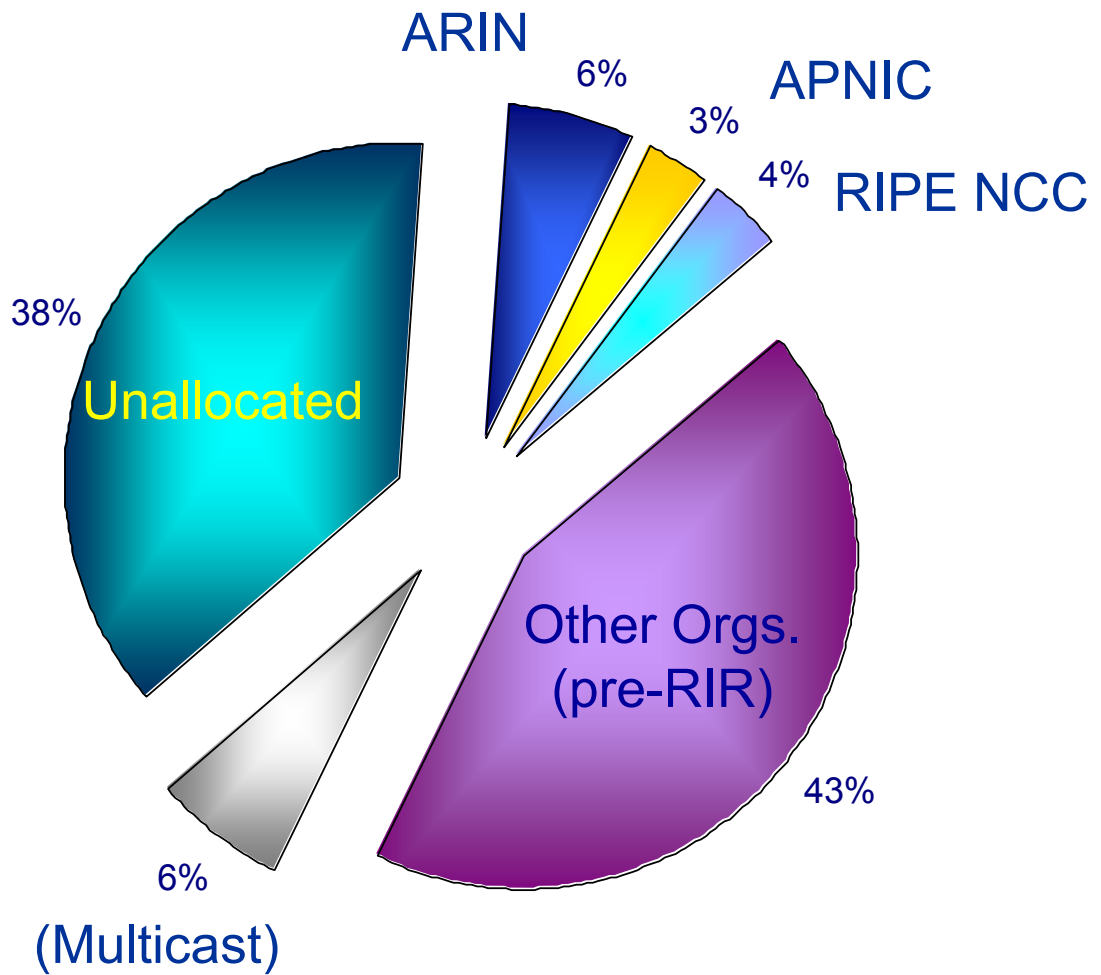
- ASO AC - monthly teleconference meetings
- Secretariat (RIRs rotate-ARIN in 2002)
- RIRs host General Assembly
  - APNIC hosted 2002 meeting in Bangkok



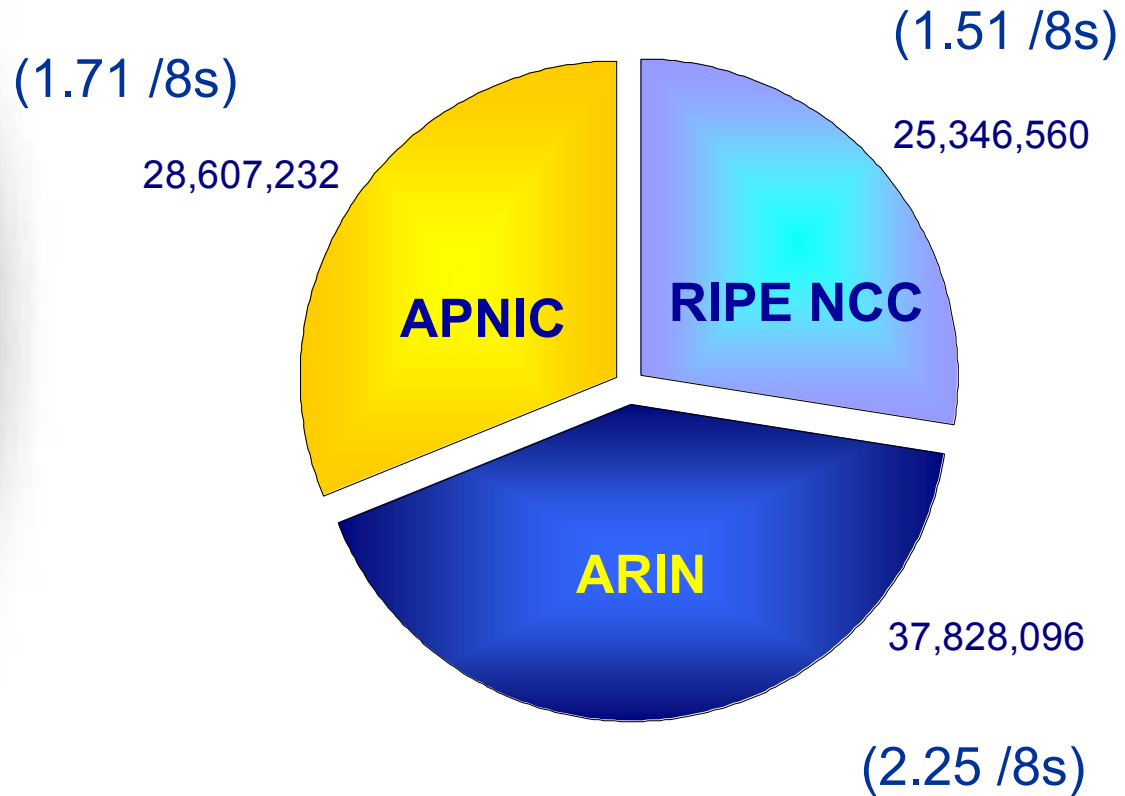


# RIR Statistics

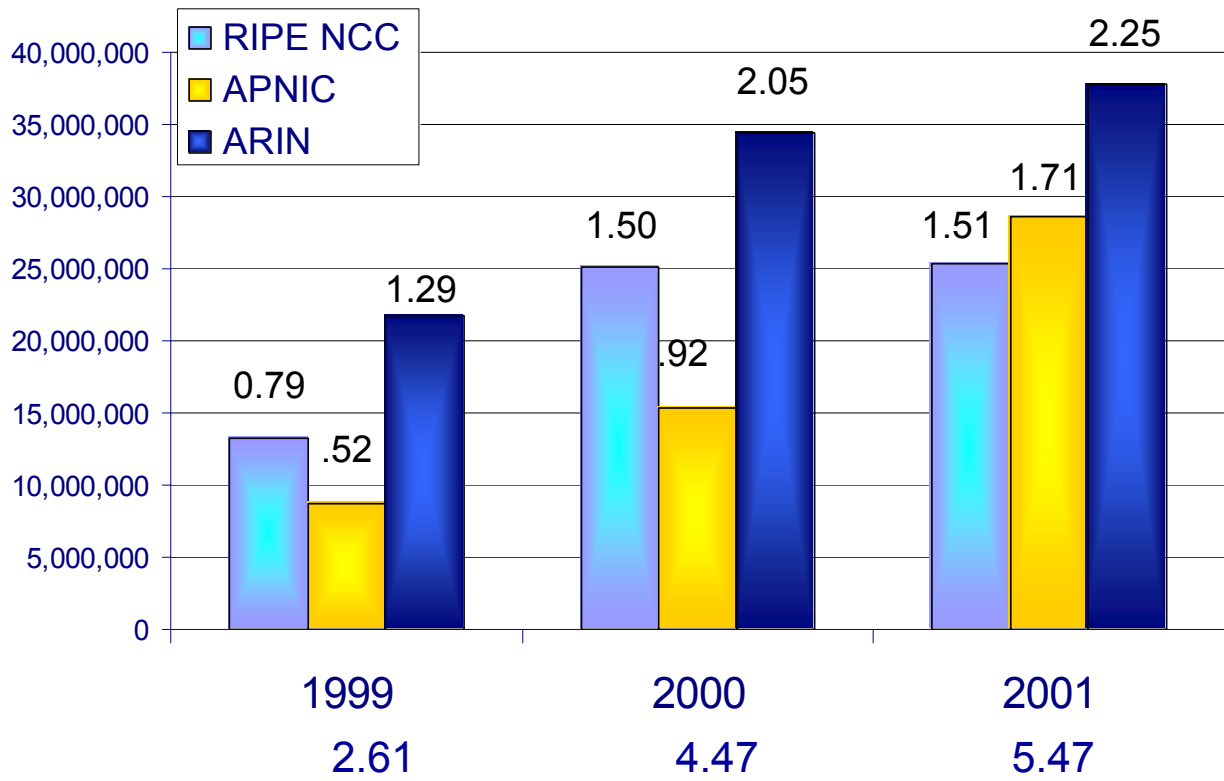
# IANA Delegations IPv4 Address Space



# Global IPv4 Allocation 2001

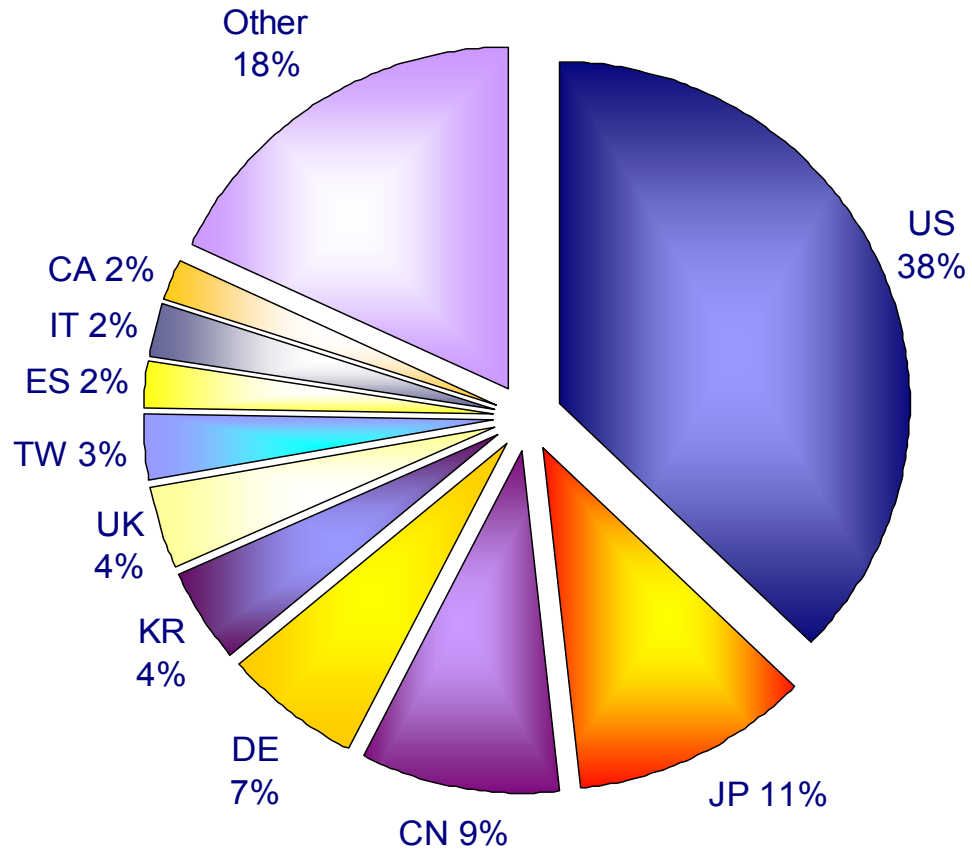


# IPv4 Allocation by /8 1999-2001

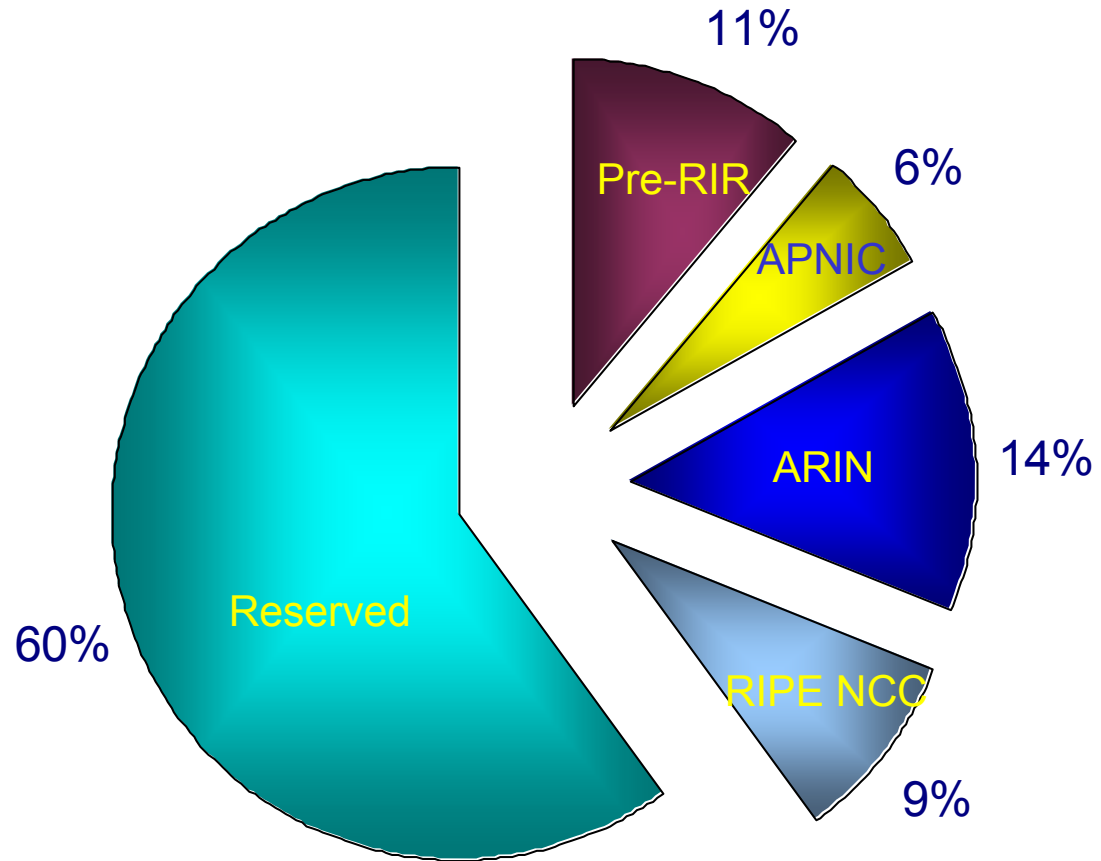




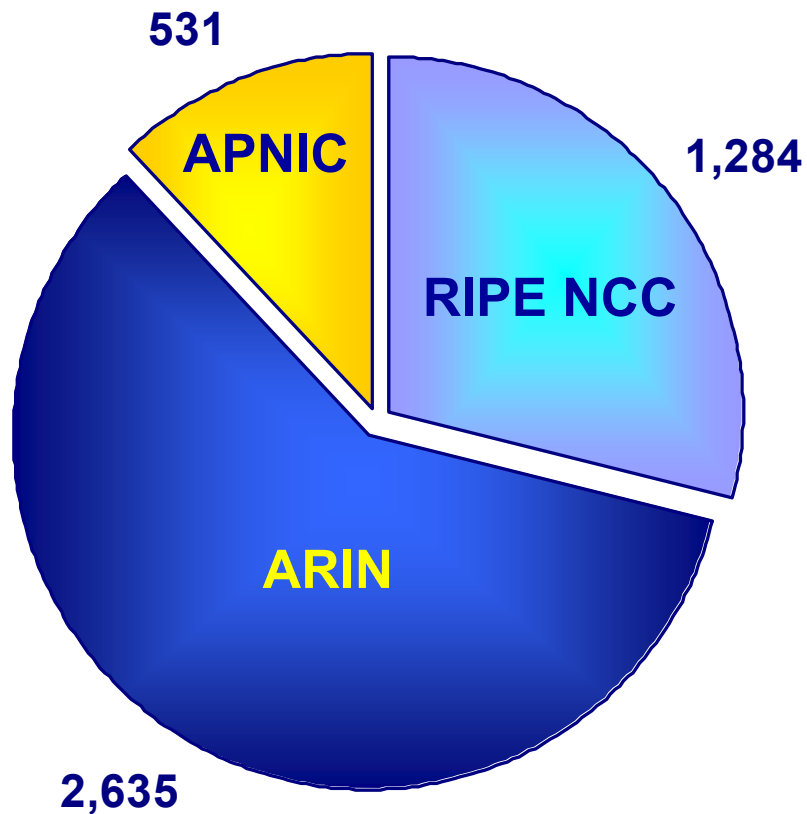
# IPv4 Distribution by Country 2001



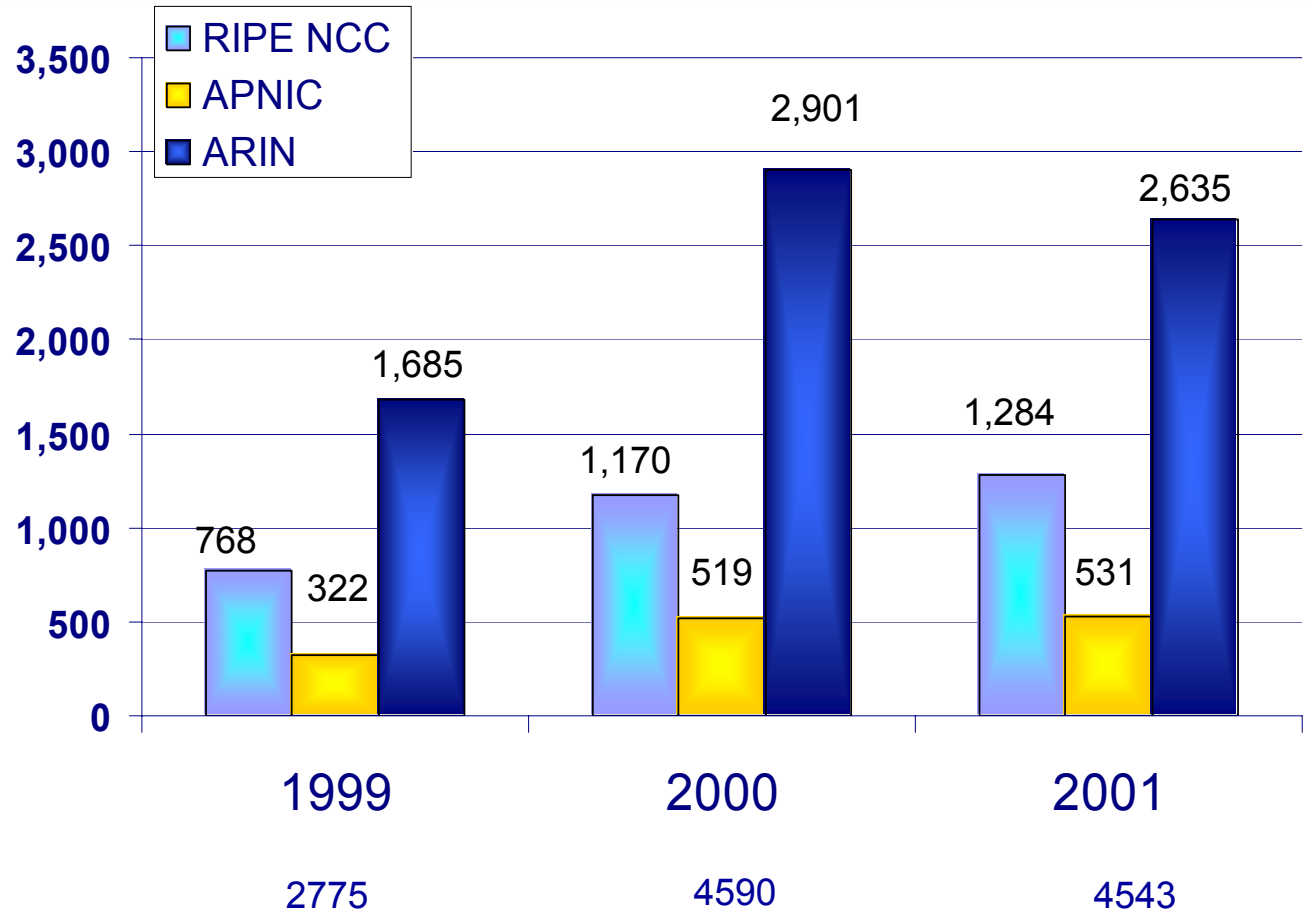
# IANA AS Delegation



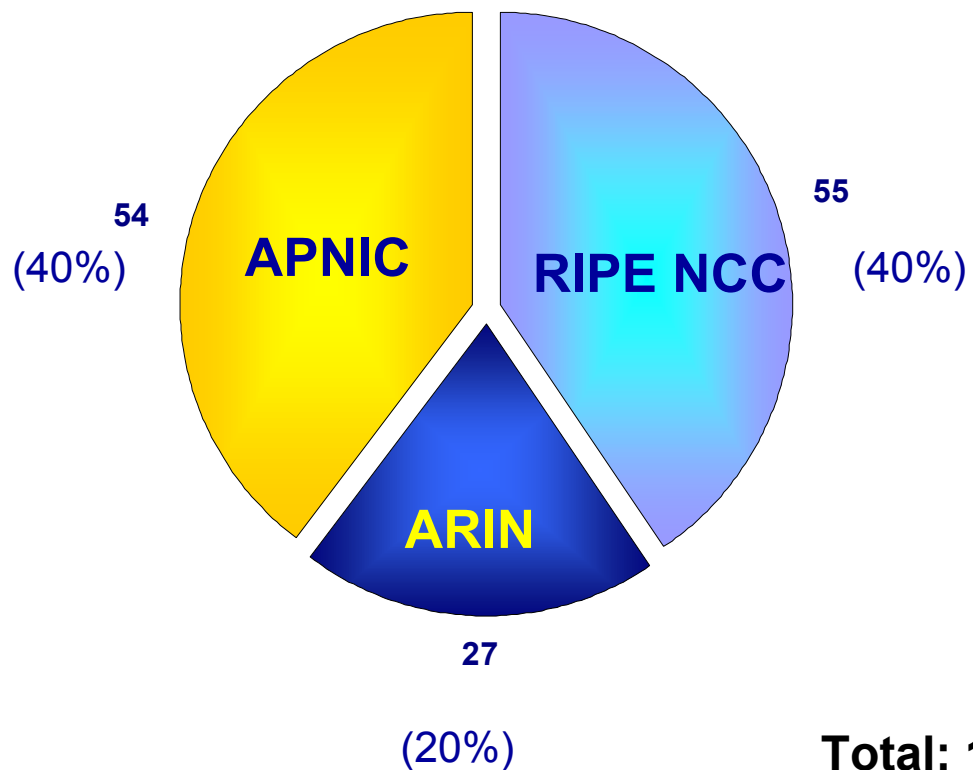
# Global ASN Distribution 2001



# ASN Allocation 1999-2001

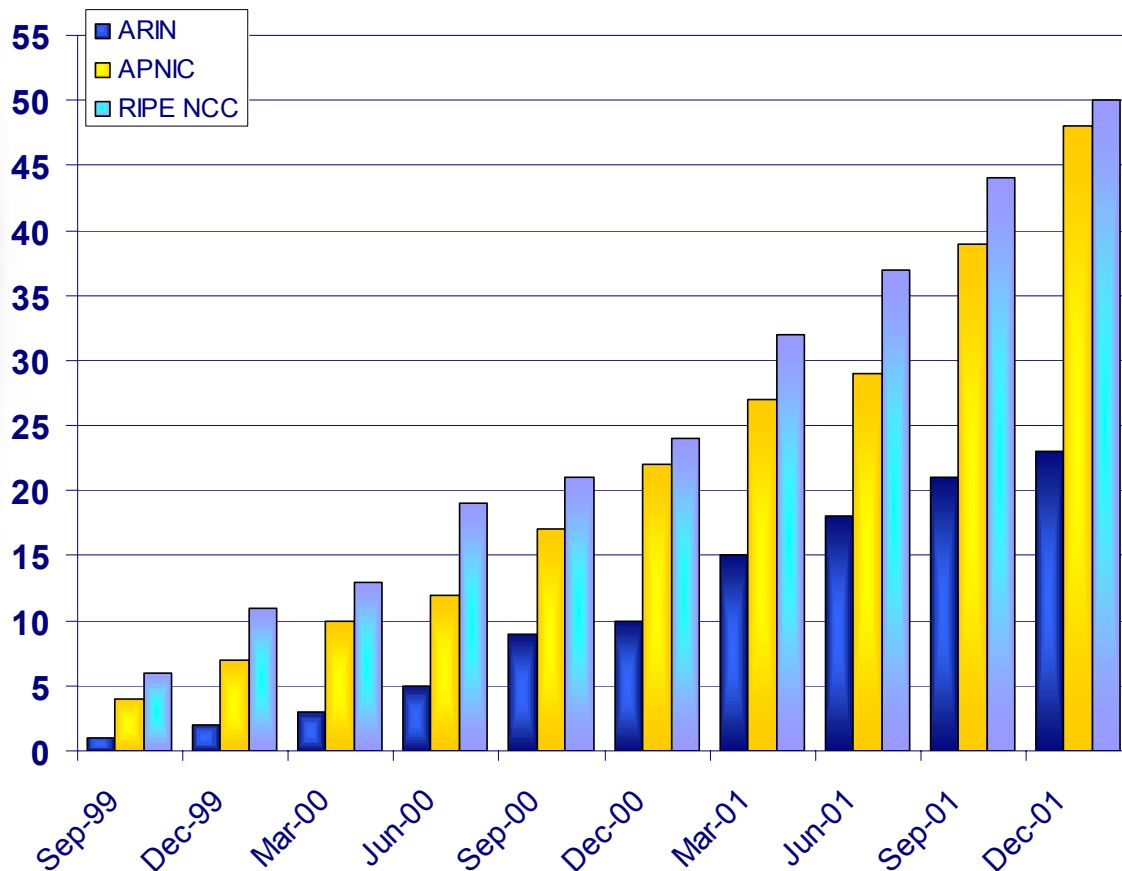


# IPv6 Allocation

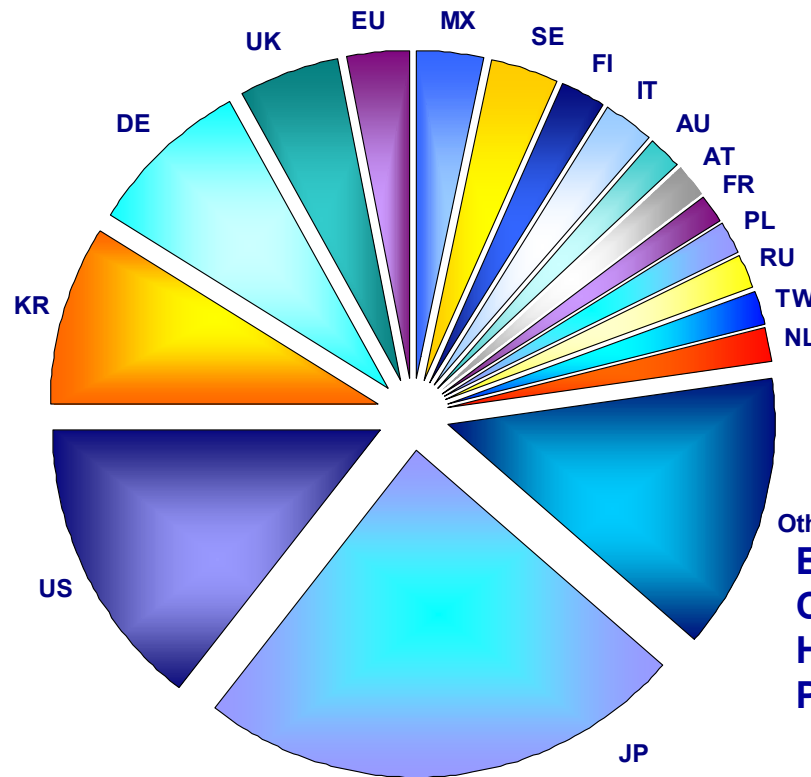


**Total: 136**  
as of 3/29/02

# IPv6 Allocations per RIR 1999-2001



# IPv6 Distribution by Country 2001



JP – 30 (24%)

US – 18 (15%)

KR – 11 (9%)

DE – 10 (8%)

Other  
BE, BR, CA, CH,  
CN, CZ, DK, GR, HK  
HU, IE, LT, MY, NO,  
PT, SG, ES,

# RIR Statistics



<http://www.apnic.net>

<http://www.arin.net>



<http://www.ripe.net>

<http://www.aso.icann.org/rirs/stats/index.html>







# Questions?