



RIR Status Report

IEPG

August 2001

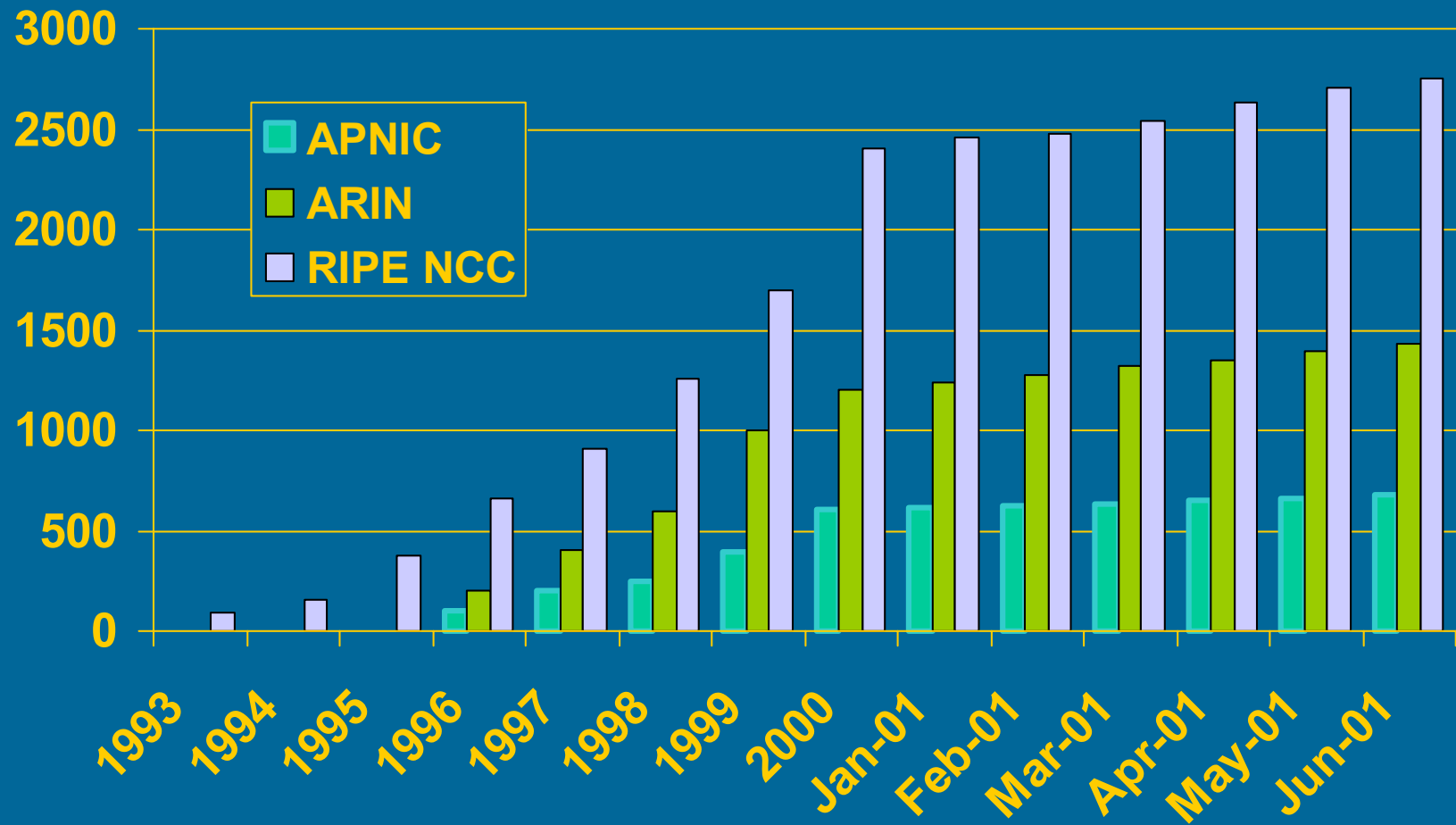


Overview

- ◆ Membership Growth
- ◆ Resource Status
- ◆ Outreach
- ◆ RIR Specifics

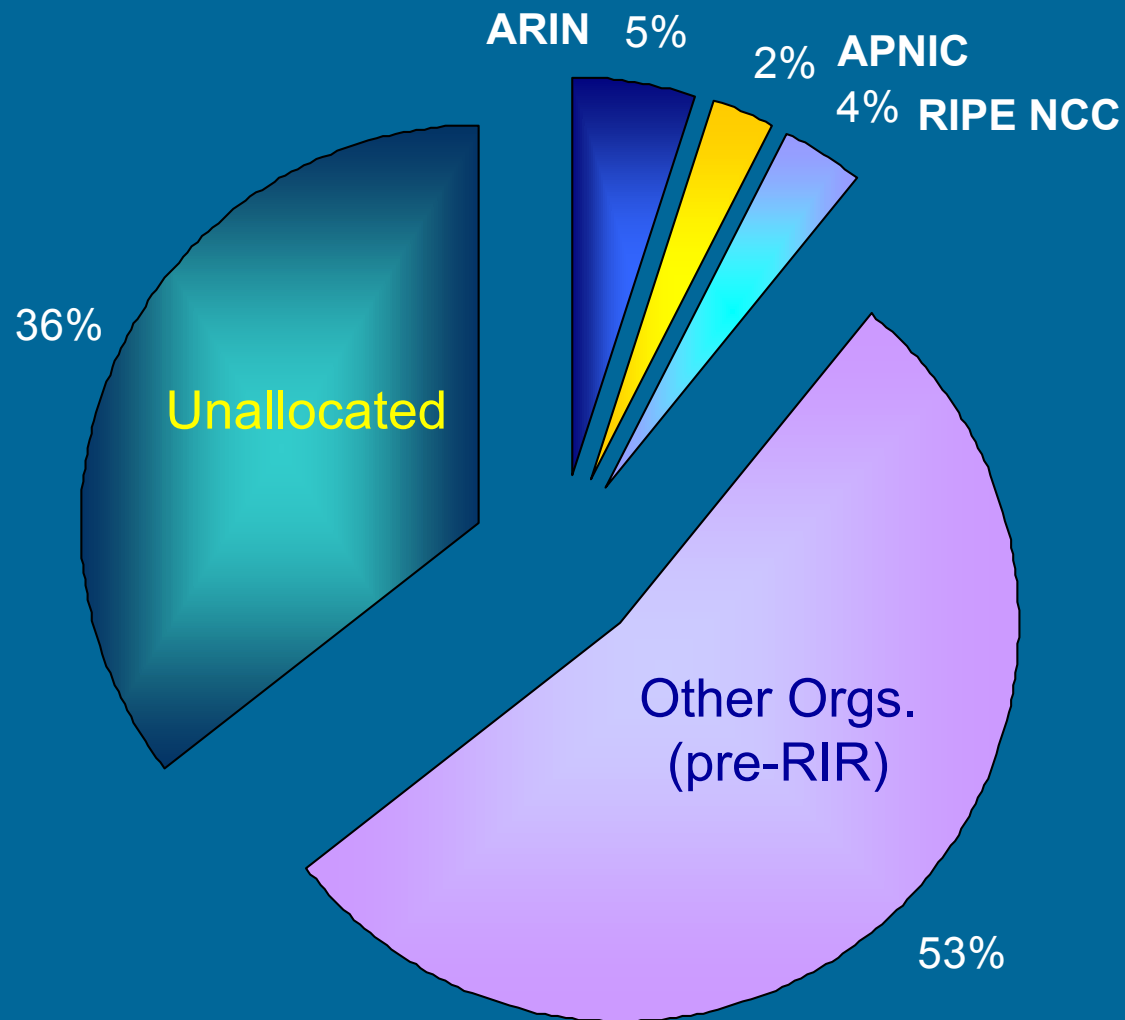


RIR Membership





IANA Delegations





IPv4 Global Allocations

- ◆ For 2000

- ◆ 77.7m allocated in total

- ◆ 4.63 /8s

- ◆ APNIC: 21.5 million (1.28 /8s)

- ◆ ARIN: 38.2 million (2.28 /8s)

- ◆ RIPE NCC: 20.1 million (1.20 /8s)



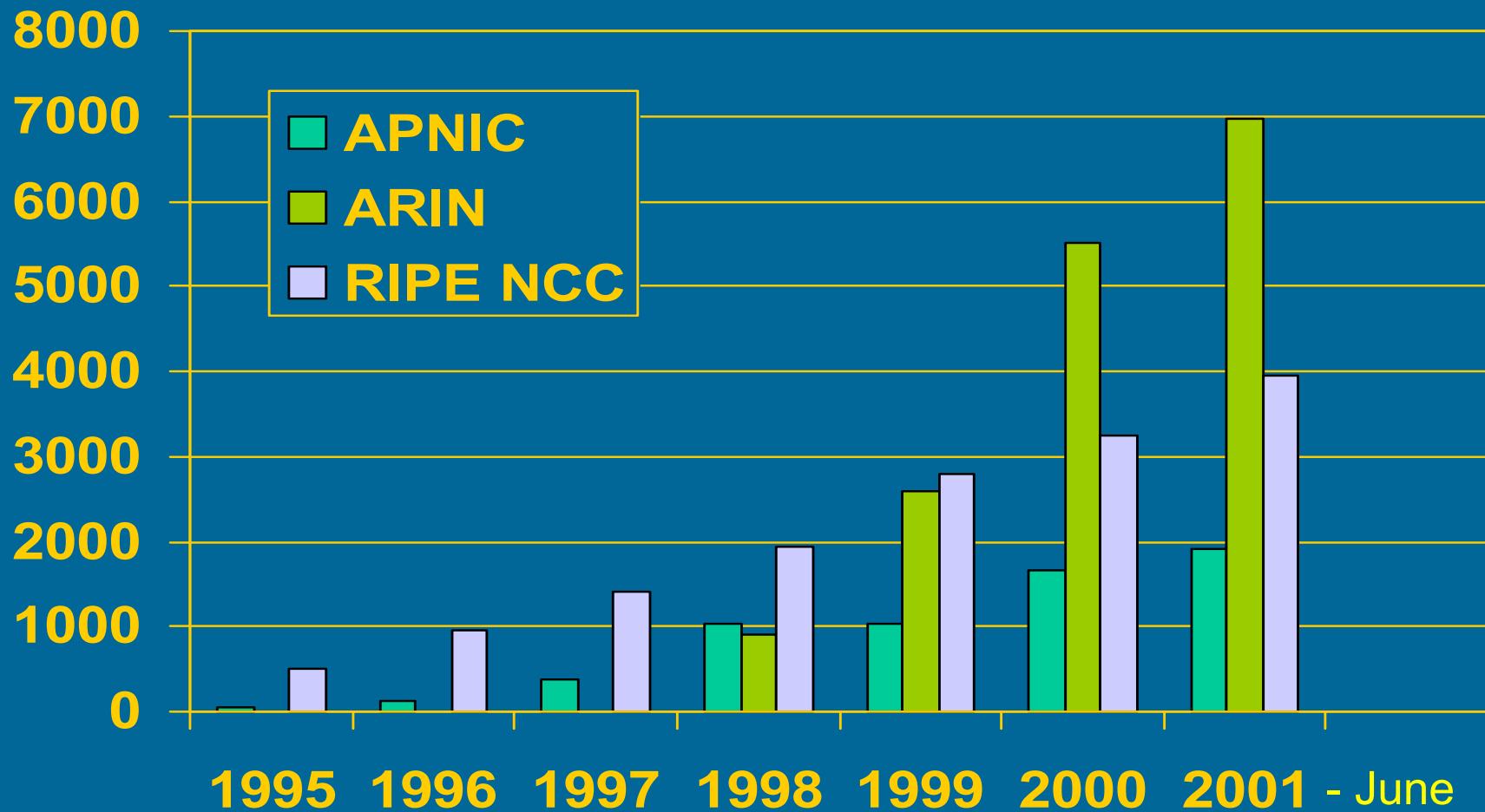
IPv4 Global Allocations

- ◆ For 2001 (January – June)
 - ◆ 43.3 million allocated in total
 - ◆ 2.58 /8s

 - ◆ APNIC: 12.4 million (0.74 /8s)
 - ◆ ARIN: 17.3 million (1.03 /8s)
 - ◆ RIPE NCC: 13.6 million (0.81 /8s)



AS Number Assignments



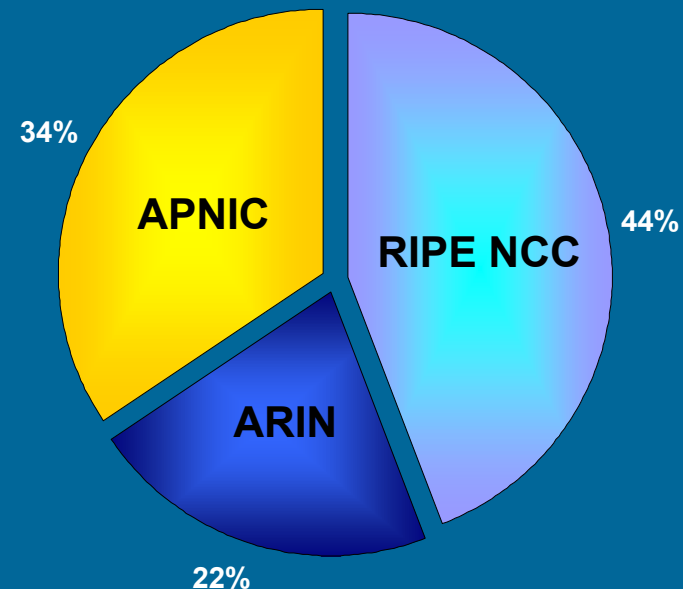


IPv6 Allocations - Total

- ◆ Total of 93 RIR Allocations (/35s)
 - ◆ Top 3: USA (17), Japan (17), and Germany (8)
 - ◆ Bootstrap criteria phase almost complete (100 ends bootstrap phase)

- ◆ Allocations

◆ APNIC	32
◆ ARIN	20
◆ RIPE NCC	41





IPv6 Policy Document

- ◆ Ongoing revision
 - ◆ Bootstrap extension?
 - ◆ Global assignment policy for IXPs?
 - ◆ IAB/IESG recommendation (/48)
- ◆ Recent Developments
 - ◆ Separating technology and policy
 - ◆ Removing TLA, NLA, SLA boundary language



RIR Coordination

- ◆ Current Efforts
 - ◆ IPv6 policy document
 - ◆ New ASO document series
- ◆ Continuing Efforts
 - ◆ Statistics
 - ◆ Joint presentations
 - ◆ Operational coordination



ASO/Emerging RIRs

◆ ASO/ICANN

- ◆ Lyman Chapin elected by ASO AC as ICANN Director
- ◆ Emerging RIR document ratified by ICANN Board
- ◆ ASO AC elections ongoing

◆ Emerging RIRs

◆ LACNIC

- ◆ ARIN visited LACNIC facilities in April 2001
- ◆ Transition plan meeting at ARIN (July 2001)
- ◆ Open policy meeting November 2001

◆ AfriNIC

- ◆ Open policy meeting held in May 2001 at Accra, Ghana



Outreach

- ◆ Objectives
 - ◆ Raise awareness
 - ◆ Promote industry self-regulation
- ◆ Activities
 - ◆ Meeting with
 - ◆ government representatives
 - ◆ industry groups
 - ◆ Conducting training
 - ◆ Newsletters



Open Policy Meetings

- ◆ APNIC
 - ◆ 28-31 Aug 2001, Taipei
 - ◆ In conjunction with APRICOT
4-7 Mar 2002, Bangkok
- ◆ ARIN
 - ◆ 28-31 Oct 2001, Miami
 - ◆ Apr 2002 – location TBD
- ◆ RIPE
 - ◆ 1-5 Oct 2001, Prague
 - ◆ 14-18 Jan 2002, Amsterdam



RIR Specifics



APNIC

- ◆ Certification authority
 - ◆ Member-only website under development
 - ◆ Demo at APNIC meeting
- ◆ RIR routing registry
 - ◆ Feasibility study underway
- ◆ Second member survey
 - ◆ Undertaken by KPMG
 - ◆ Extensive consultation in region
- ◆ Policy
 - ◆ Proposal for portable allocation criteria



ARIN

- ◆ Improved/updated RWHOIS
(testing begins this month)
- ◆ New database schema and registration
software (Q4 2001)
- ◆ IN-ADDR.ARPA
 - ◆ /8 servers operational
 - ◆ migration of /8s in progress



RIPE NCC

- ◆ DB migration completed by October
 - ◆ Working with APNIC to use same code
- ◆ RS improved
 - ◆ Staffing level significantly increased
 - ◆ Different prioritising (requests > questions)
 - ◆ Improved response time
- ◆ RIS further developed
 - ◆ Route collector will be in APNIC region, Tokyo
- ◆ Policy
 - ◆ Initial allocation criteria established



Questions?