



2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 428.42.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 2001:610:240 193.0.0.203 2001:610:240:0 193.0.0.202
193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 428.42.02.02 2001:610:240 193.0.0.203 195.048.02.03

Number Resource Organization



INTERNET NUMBER RESOURCE STATUS REPORT

As of 30 June 2008

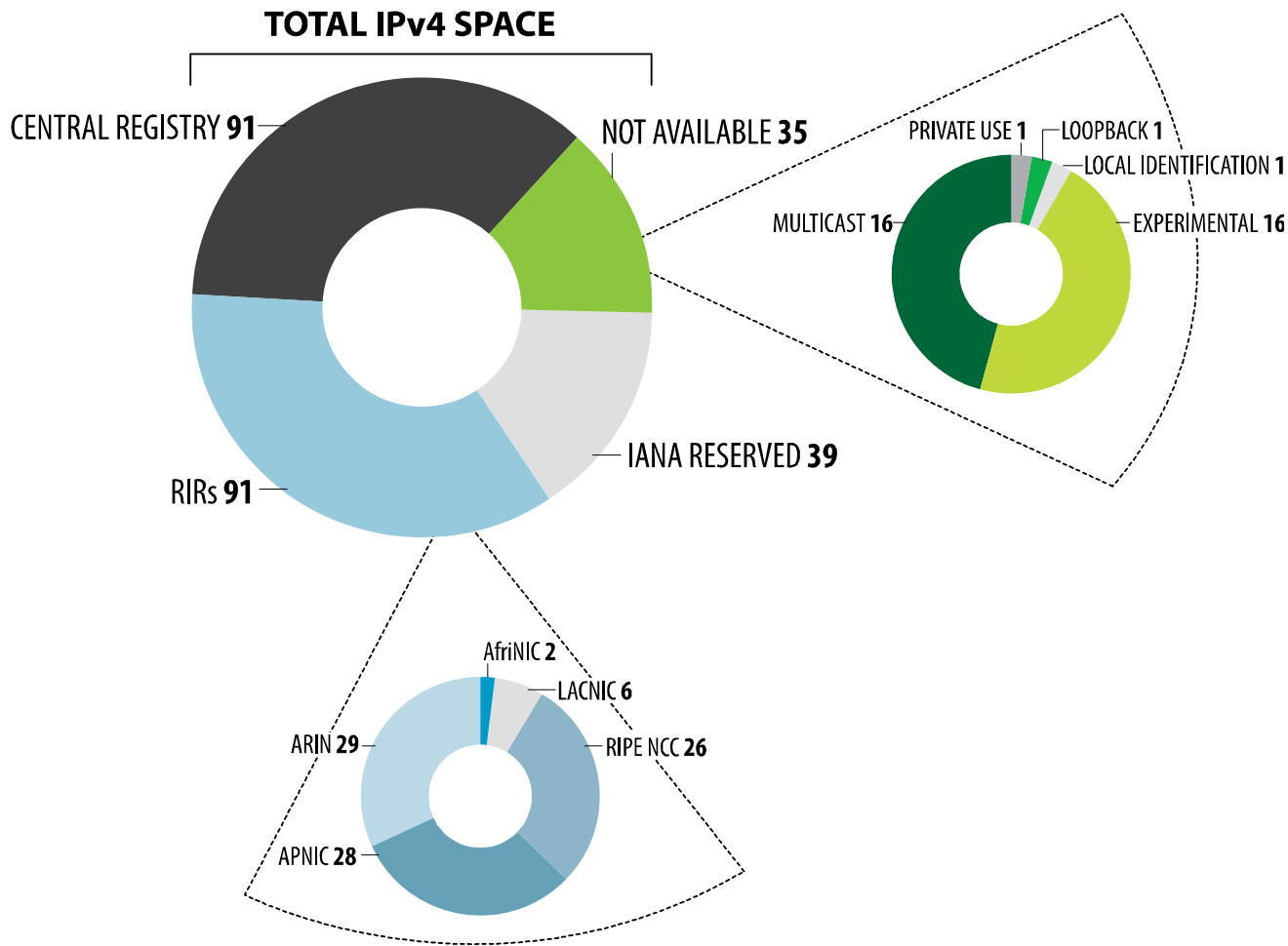
Prepared by
Regional Internet Registries
AfrINIC, APNIC, ARIN, LACNIC and the RIPE NCC

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
Number Resource Organization

IPv4 ADDRESS SPACE

What is the status of each of the 256 /8s?

STATUS OF 256 /8s IPv4 ADDRESS SPACE

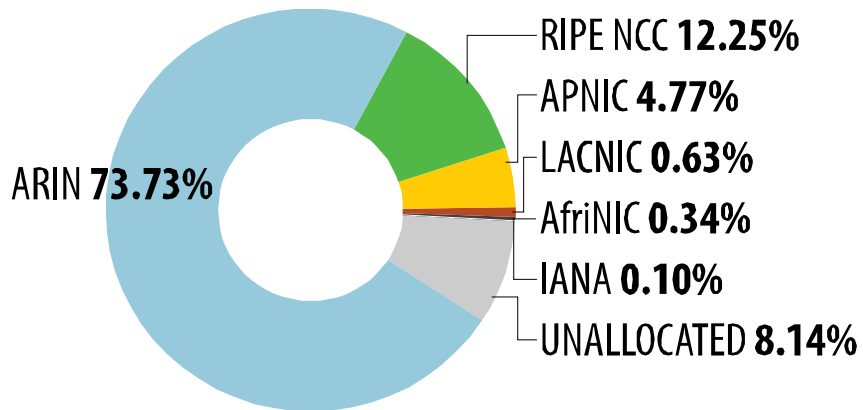


2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.202 2001:610:240 193.0.0.203
 62.109.128 195.048.02.03 193.0.0.205 62.109.128 195.048.02.03 179.12.02.202 2001:610:240 193.0.0.203
 193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.202 2001:610:240 193.0.0.203
 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.202 2001:610:240 193.0.0.203
 Number Resource Organization

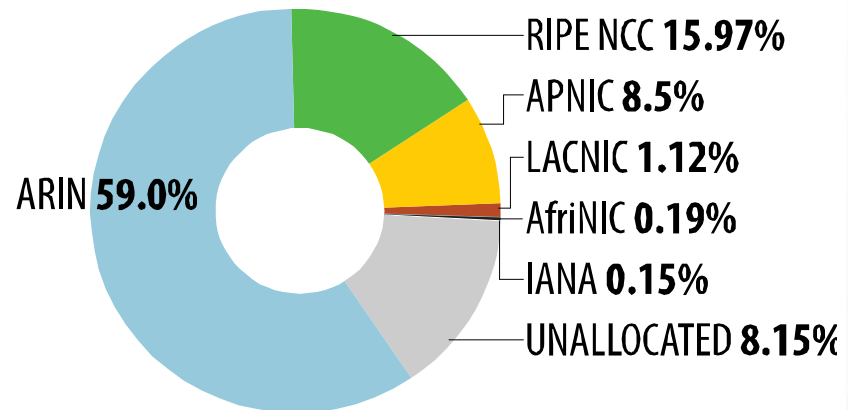


Legacy Space Distribution ("Central Registry") 1981 - mid 1990s

Pre-RIR Registrations by Region



Pre-RIR Registrations by Region excluding Class A space



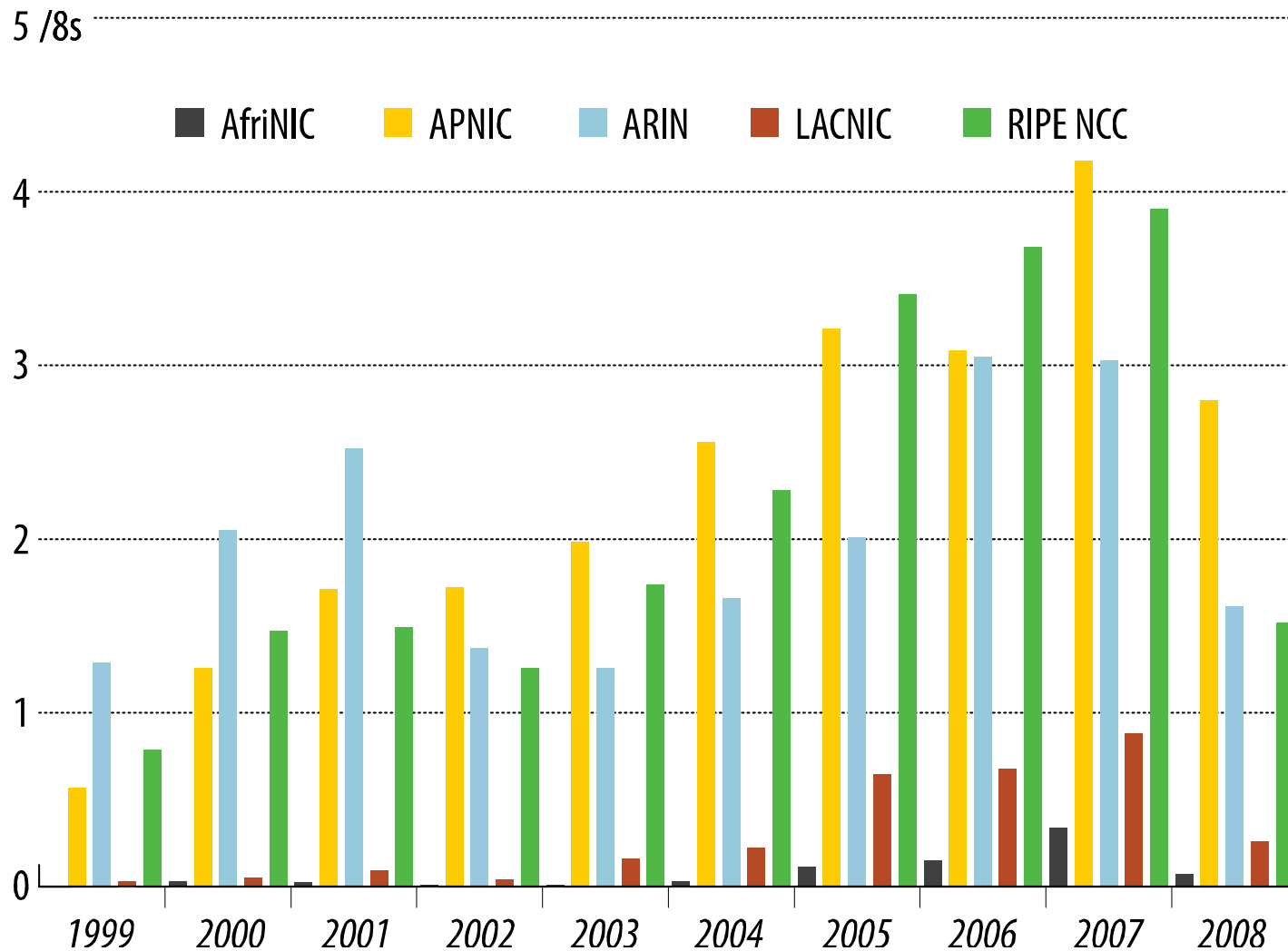
2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
193:0:0:203 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203 195:048:02:03

Number Resource Organization



IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much space did each RIR allocate by year?



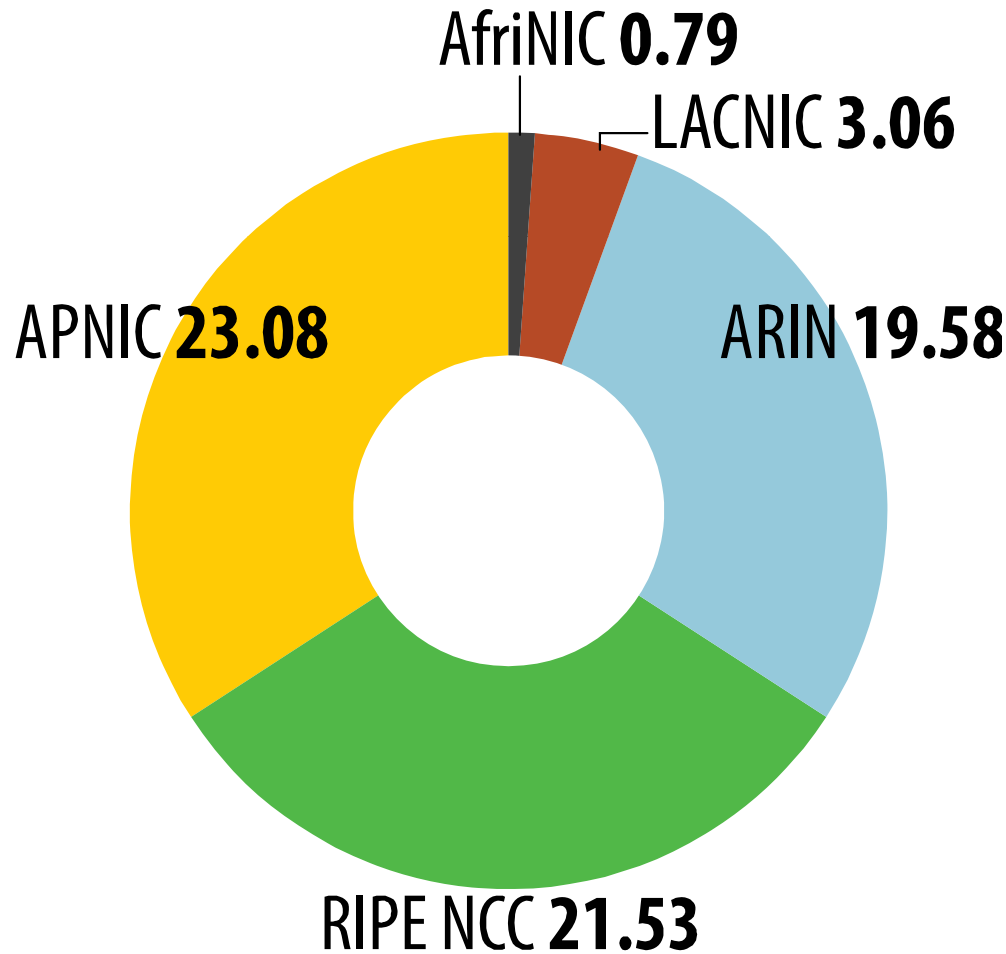
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203
 193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203
 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203
 Number Resource Organization



IPv4 ADDRESS SPACE ISSUED

(RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR allocated?
(Jan 1999 – June 2008)



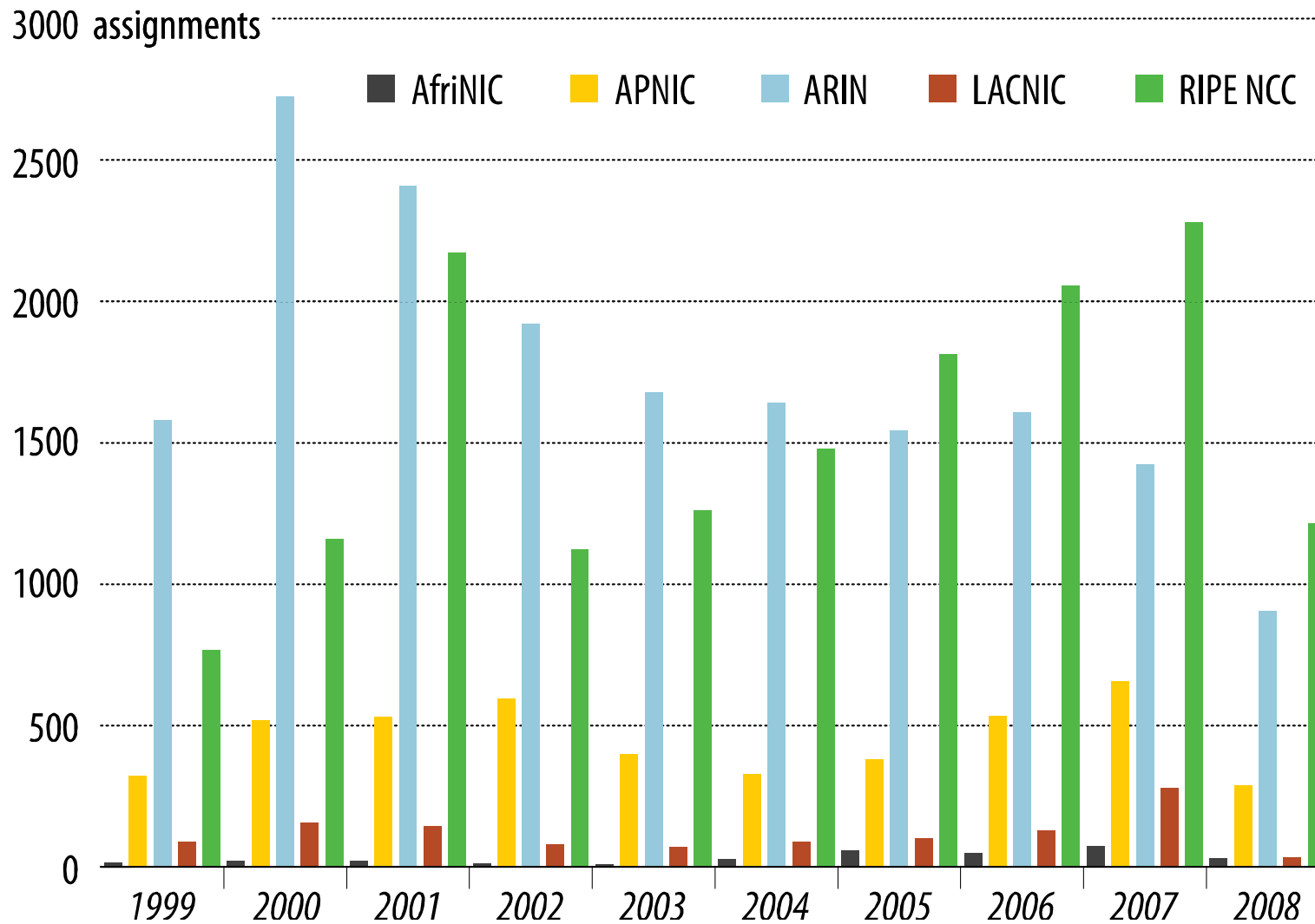
2001:610:240:0 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193 0 0 203 95 04 02 03
62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193 0 0 203 95 04 02 03
193.0.0.203 2001:610:240:0 199 0 0 202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193 0 0 203 95 04 02 03
2001:610:240:0 193 0 0 202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193 0 0 203 95 04 02 03

Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?

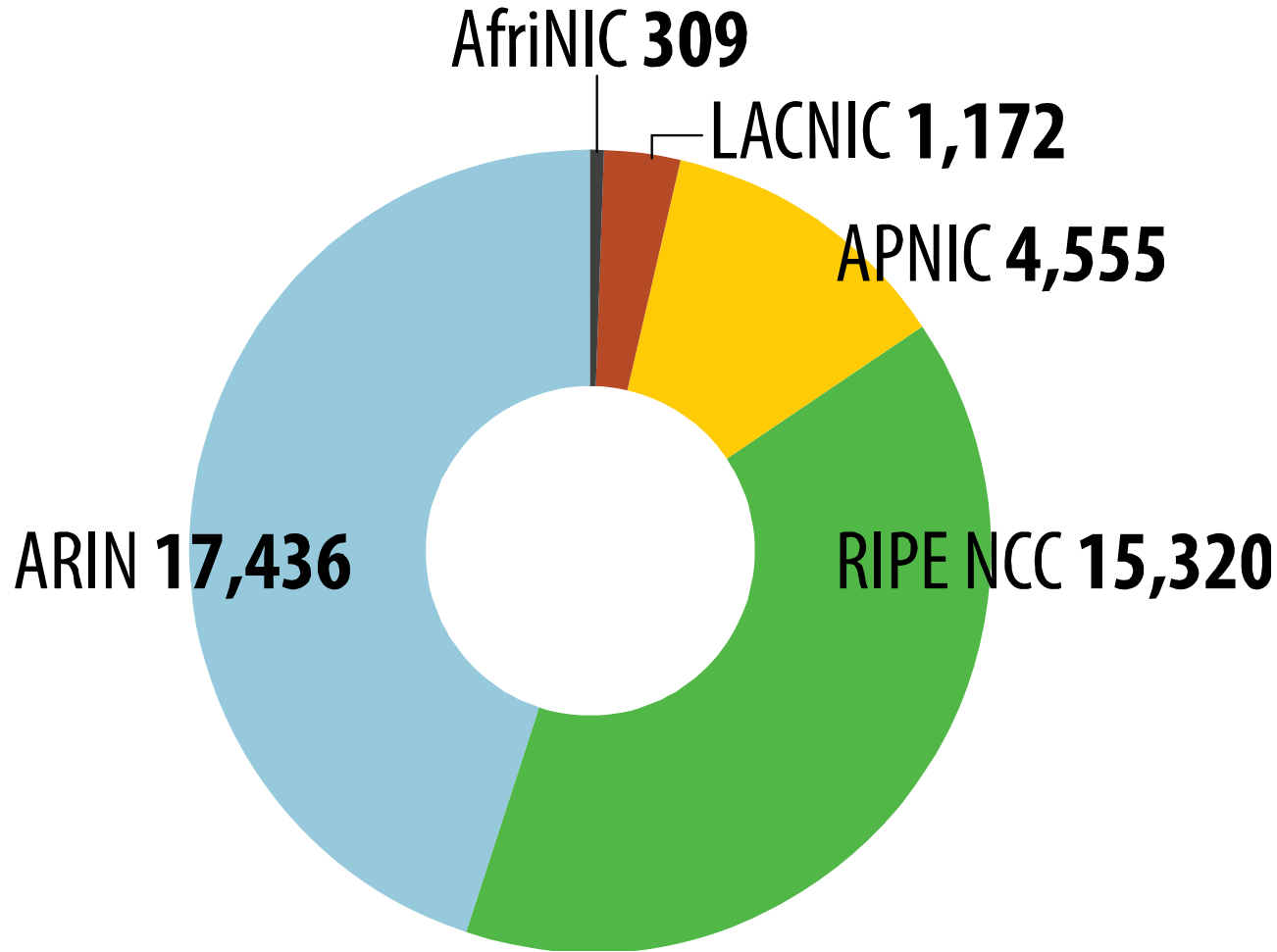


2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203 98.144.0.203
62.109.128 195.048.02.03 193.0.0.202 2001:610:240 193.0.0.203 2001:610:240 193.0.0.202
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 179.12.02.02 2001:610:240 193.0.0.203
Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?
(Jan 1999 – June 2008)

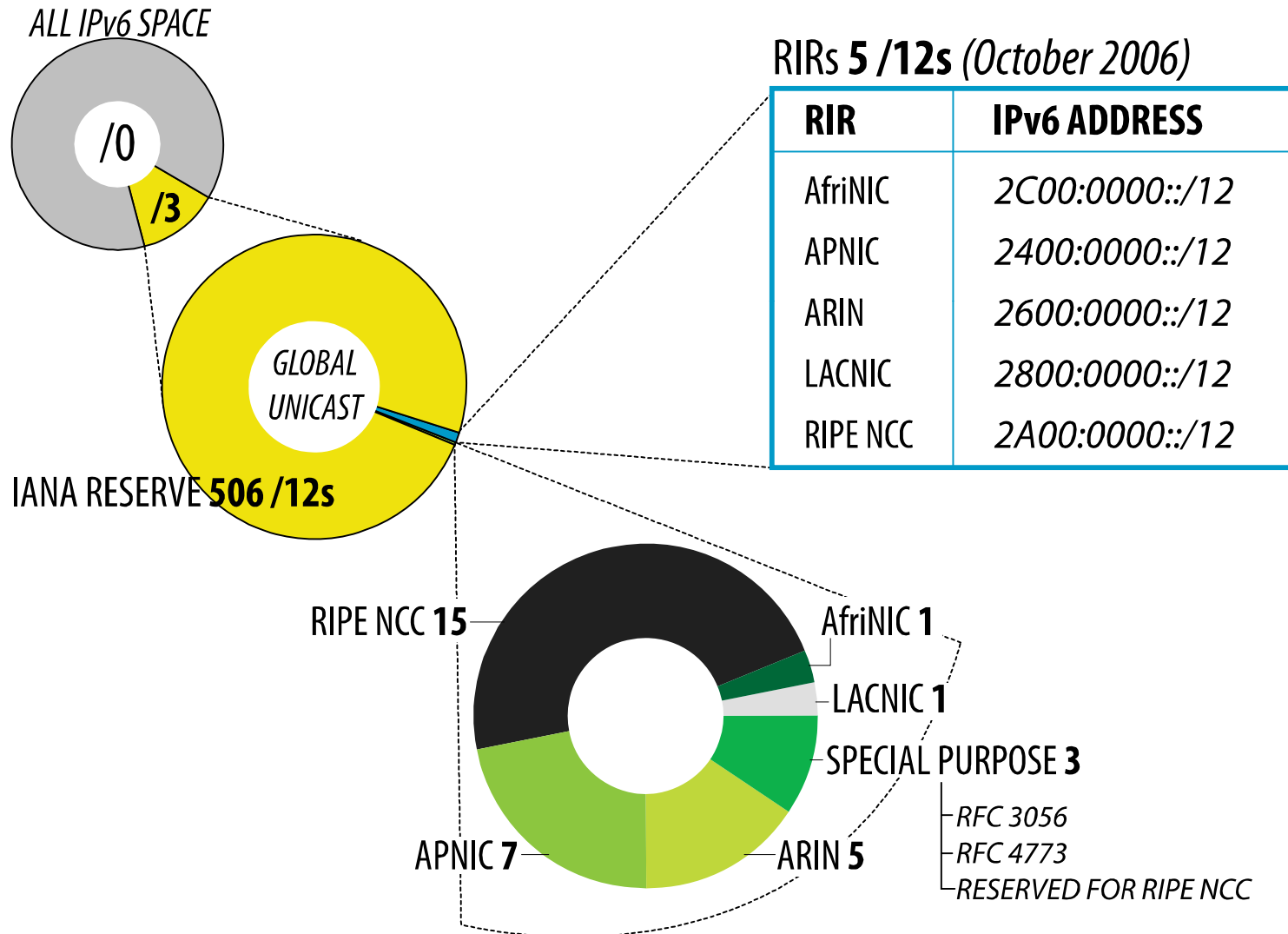


Number Resource Organization
 2001:610:240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
 193.0.0.203 2001:610:240-0 199.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
 2001:610:240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03



IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?

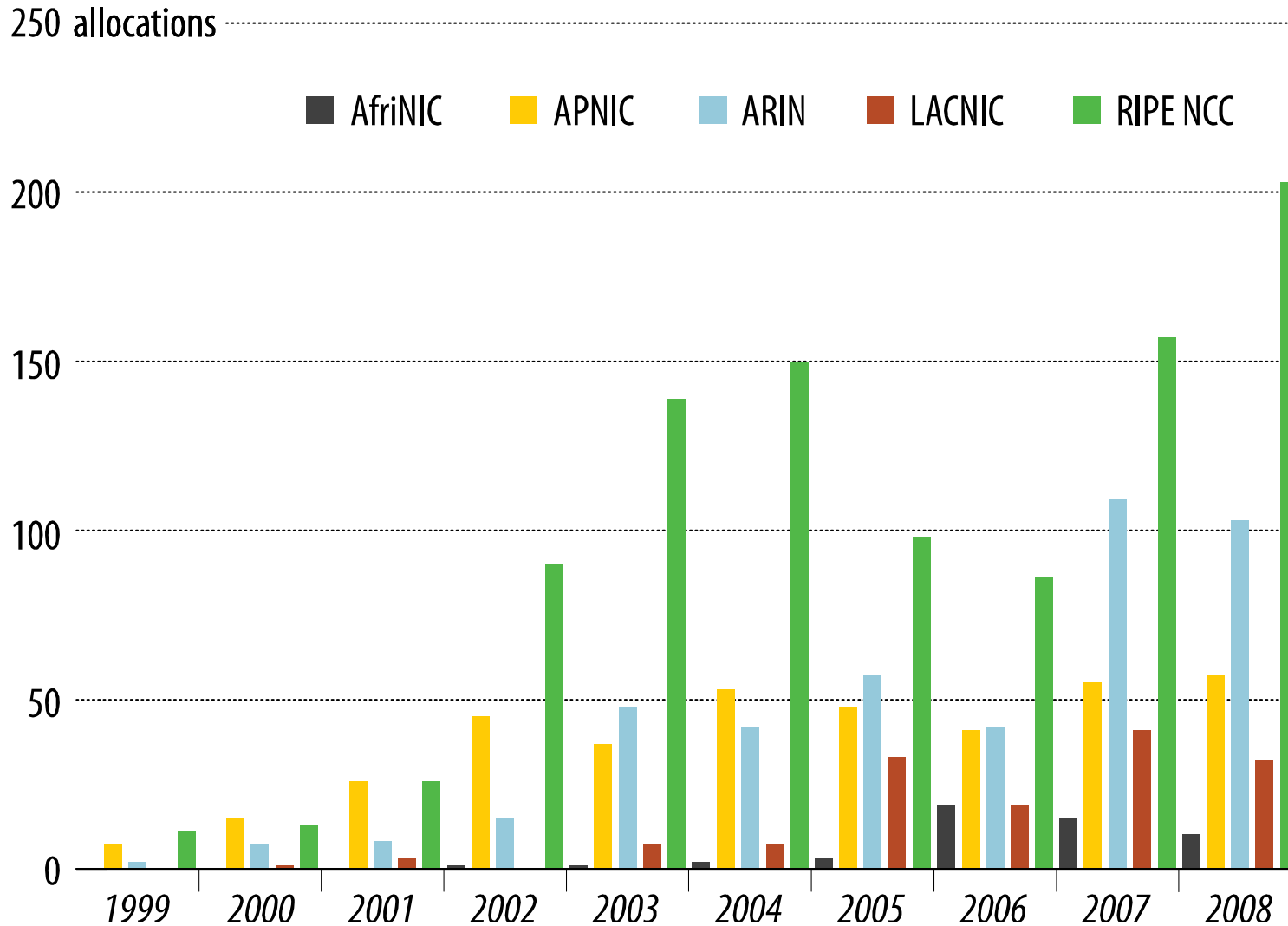


2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:42:02:02 2001:610:240 193:0:0:203
 62:109:128 195:048:02:03 2001:610:240 193:0:0:203 193:0:0:202 62:109:128 195:048:02:03 179:42:02:02 2001:610:240 193:0:0:203
 193:0:0:203 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:42:02:02 2001:610:240 193:0:0:203
 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:42:02:02 2001:610:240 193:0:0:203
 Number Resource Organization



IPv6 Allocations RIRs to LIRs/ISPs

How many allocations have been made by each RIR by year?



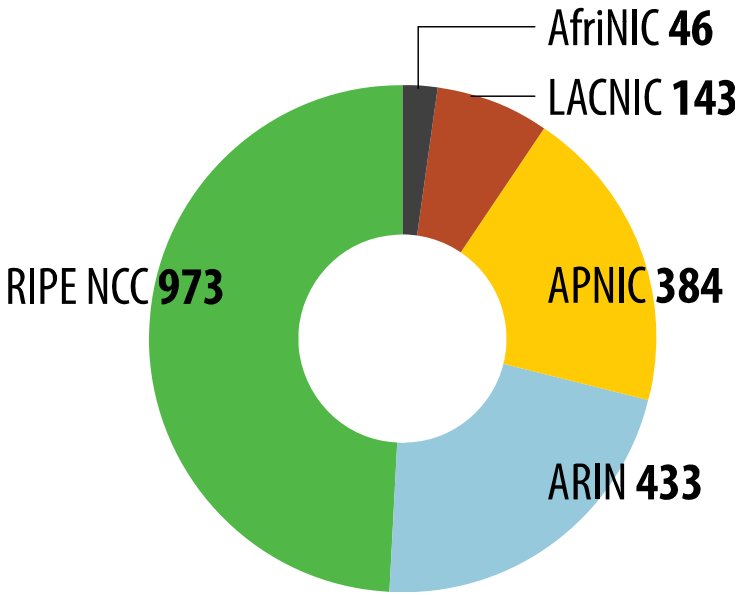
2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203
 193:0:0:203 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203
 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203
 2001:610:240:0 193:0:0:202 62:109:128 195:048:02:03 179:12:02:02 2001:610:240 193:0:0:203



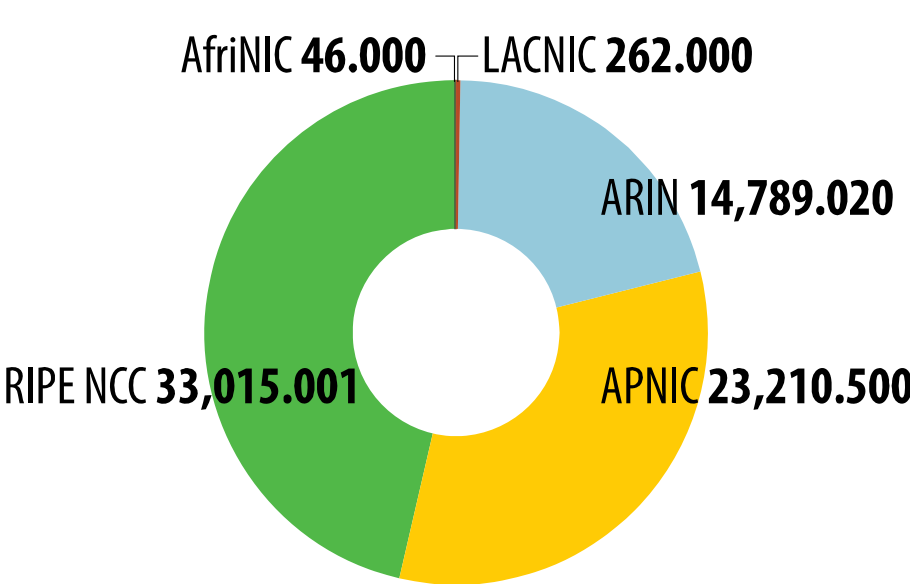
IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – June 2008)

How many total allocations have been made by each RIR?



In terms of /32s, how much total space has each RIR allocated?



Number Resource Organization



LINKS TO RIR STATISTICS

- RIR Stats:
www.nro.net/statistics
- Raw Data/Historical RIR Allocations:
www.aso.icann.org/stats
www.iana.org/assignments/ipv4-address-space
www.iana.org/assignments/as-numbers
www.iana.org/assignments/ipv6-unicast-address-assignments

2001:610:240:0 193.0.0.202 62 109 128 195 048 02 03
62 109 128 195 048 02 03
193.0.0.203 2001:610:240:0 193.0.0.202 62 109 128 195 048 02 03 179 12 09 02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62 109 128 195 048 02 03
Number Resource Organization



thank you

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 193.0.0.202 2001:610:240 193.0.0.203 2001:610:240 193.0.0.202
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
Number Resource Organization