



2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203

Number Resource Organization



INTERNET NUMBER RESOURCE STATUS REPORT

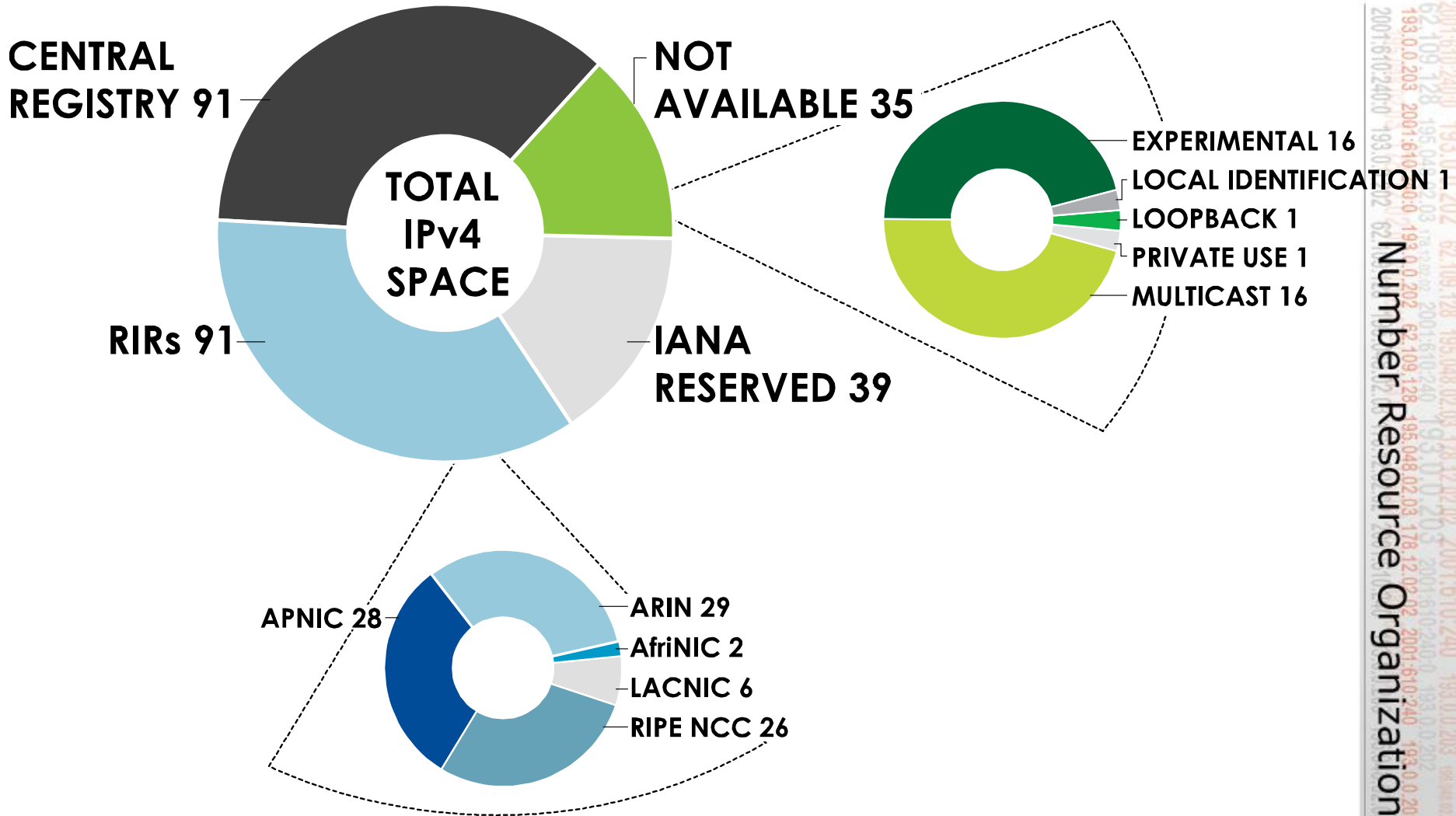
As of 30 September 2008

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

2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203
62:109:128 195:048:02:03 193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203
Number Resource Organization

IPv4 ADDRESS SPACE

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

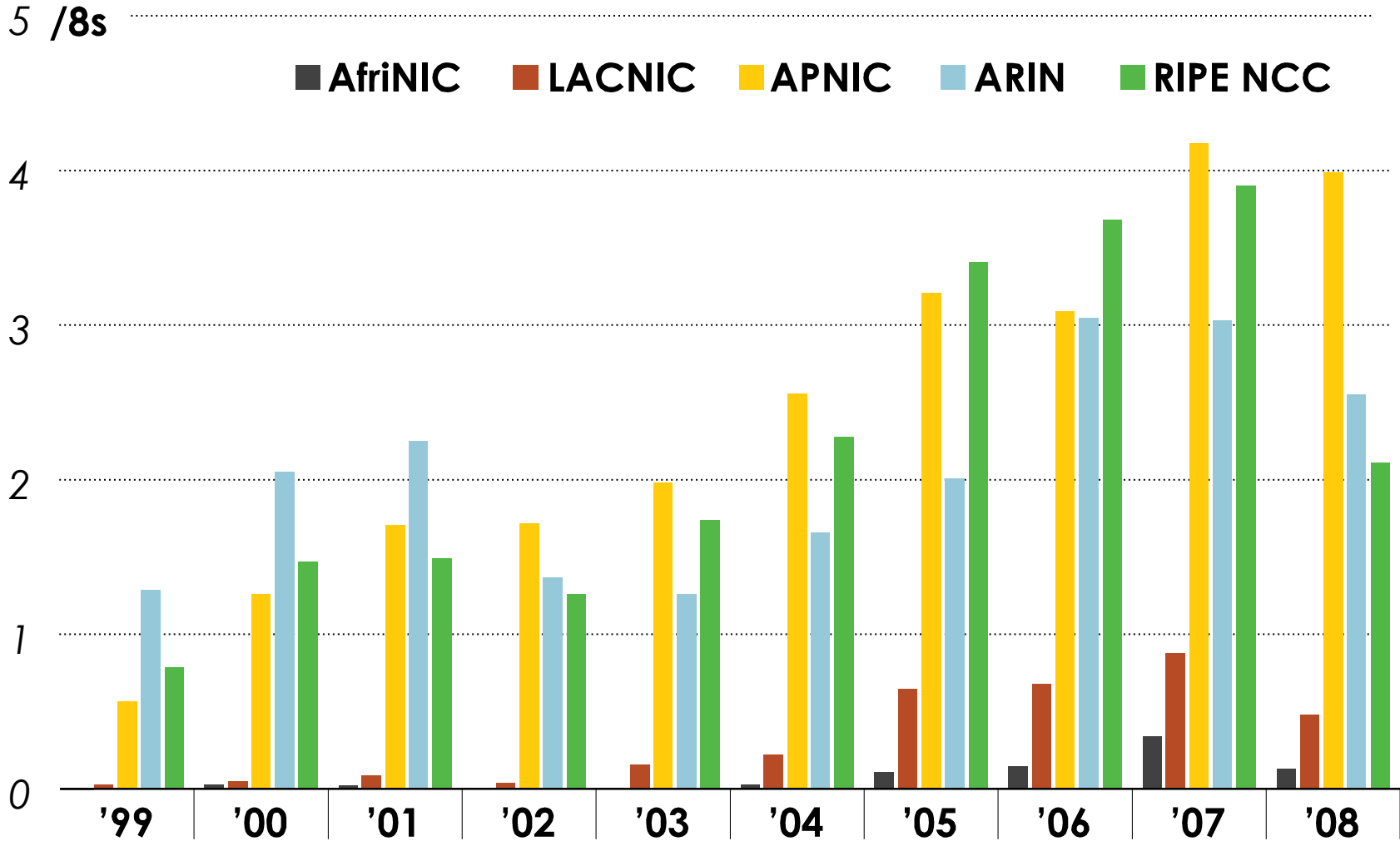


2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.202
 193.0.0.203 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03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



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 62.109.128.195:048.02:03.128.12:02:02.2001:610:240.193.0.0.203
62.109.128.195:048.02:03.128.12:02:02.2001:610:240.193.0.0.202
193.0.0.203 2001:610:240:0-193.0.0.202 62.109.128.195:048.02:03.128.12:02:02.2001:610:240.193.0.0.203
2001:610:240:0-193.0.0.202 62.109.128.195:048.02:03.128.12:02:02.2001:610:240.193.0.0.203
Number Resource Organization

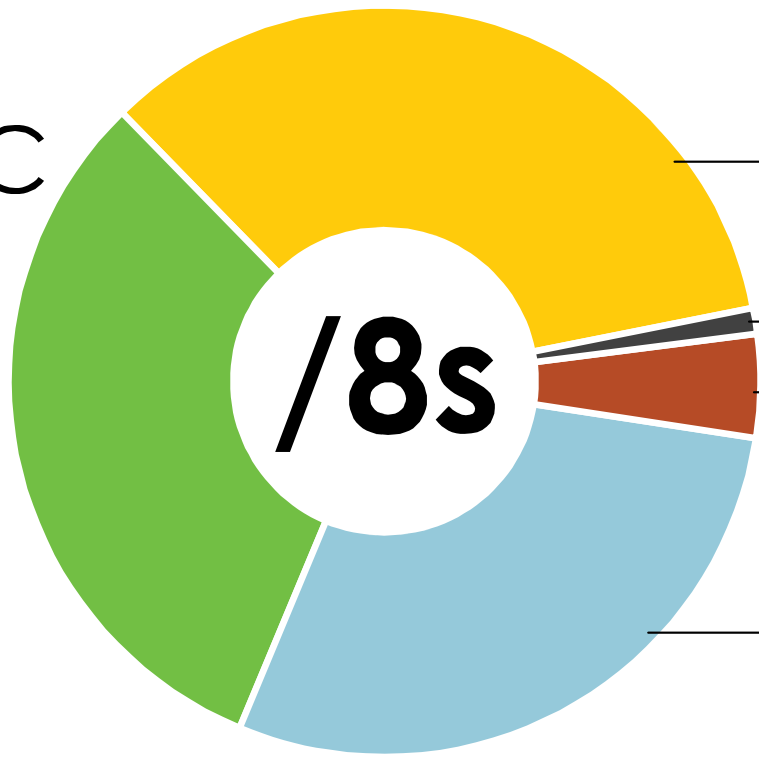


IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

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

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 129.12.02.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
Number Resource Organization

RIPE NCC
22.12

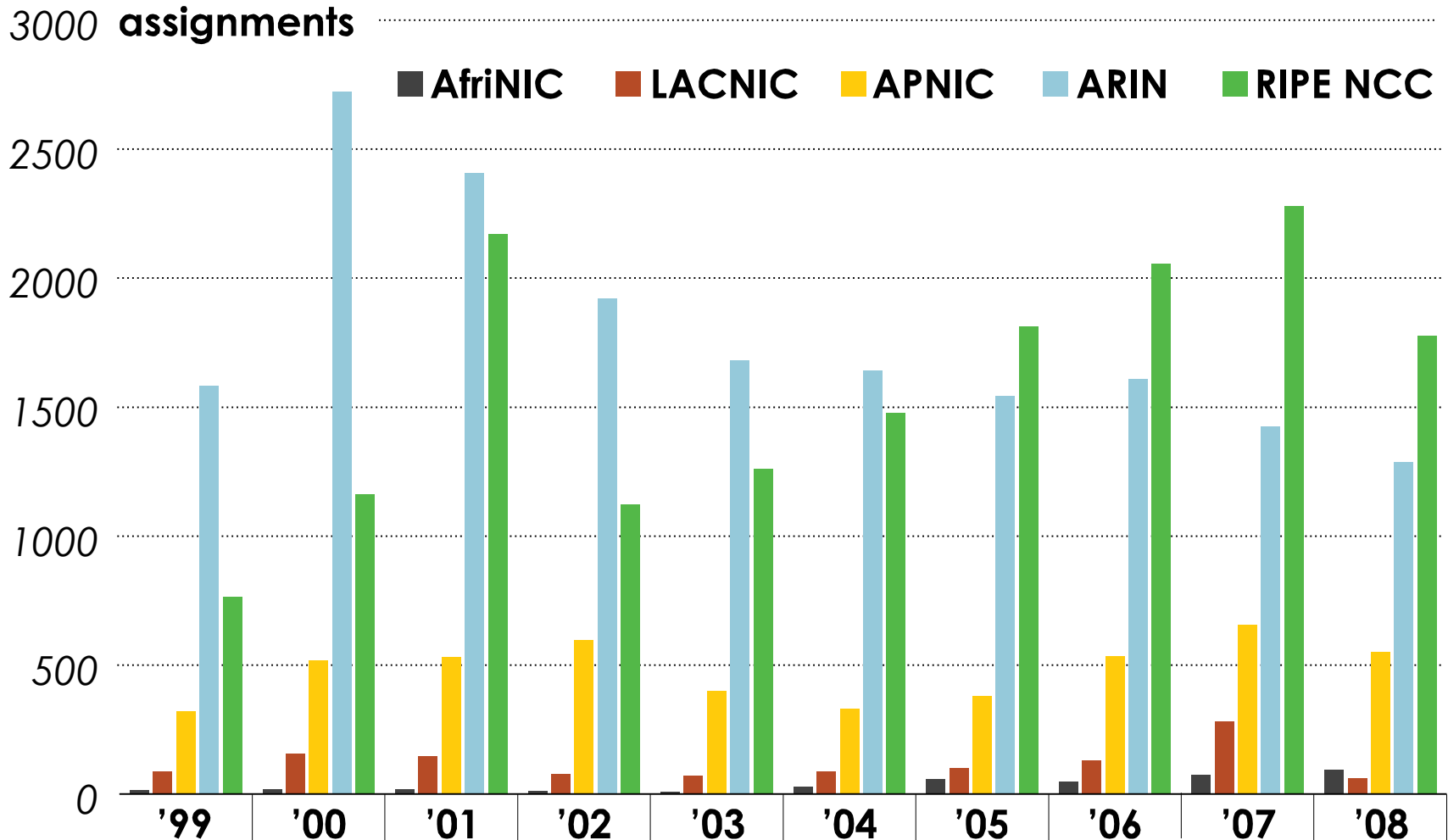


APNIC **24.26**
AfrINIC **0.85**
LACNIC **3.28**
ARIN **20.52**



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

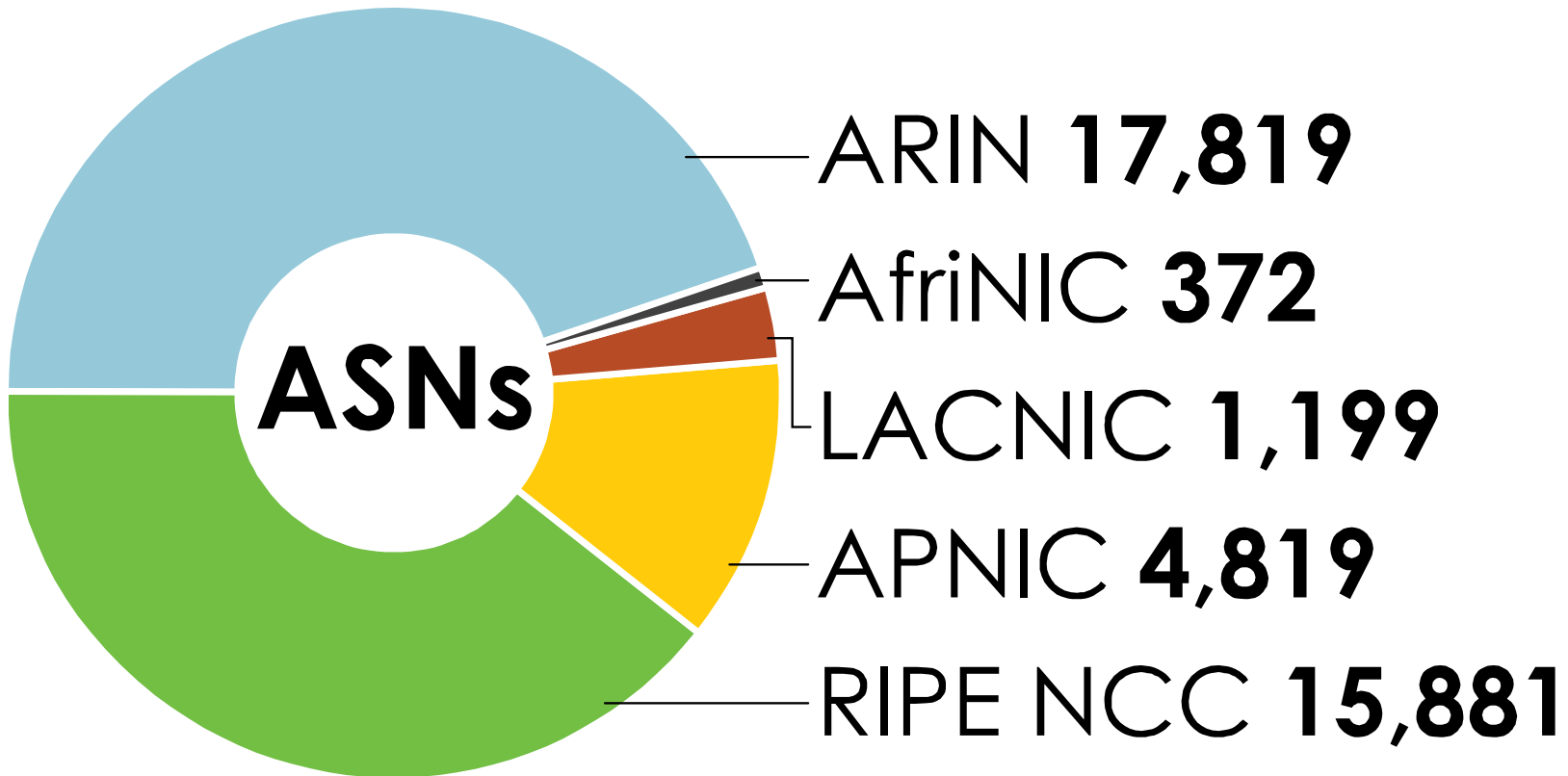
How many ASNs has each RIR assigned by year?



2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 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 – Sept 2008)

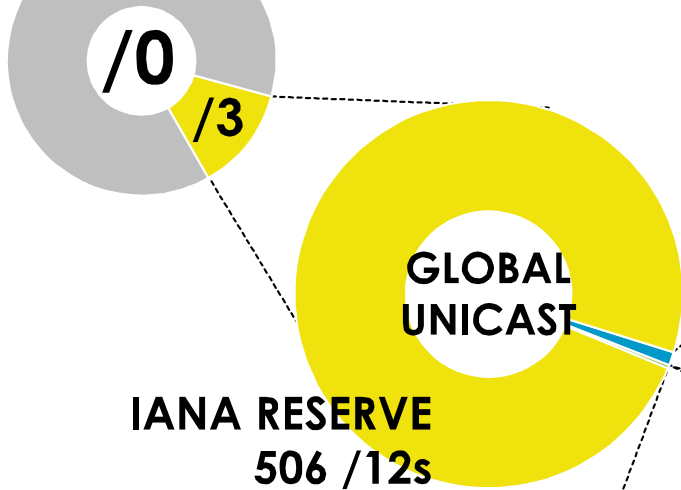




IPv6 ADDRESS SPACE

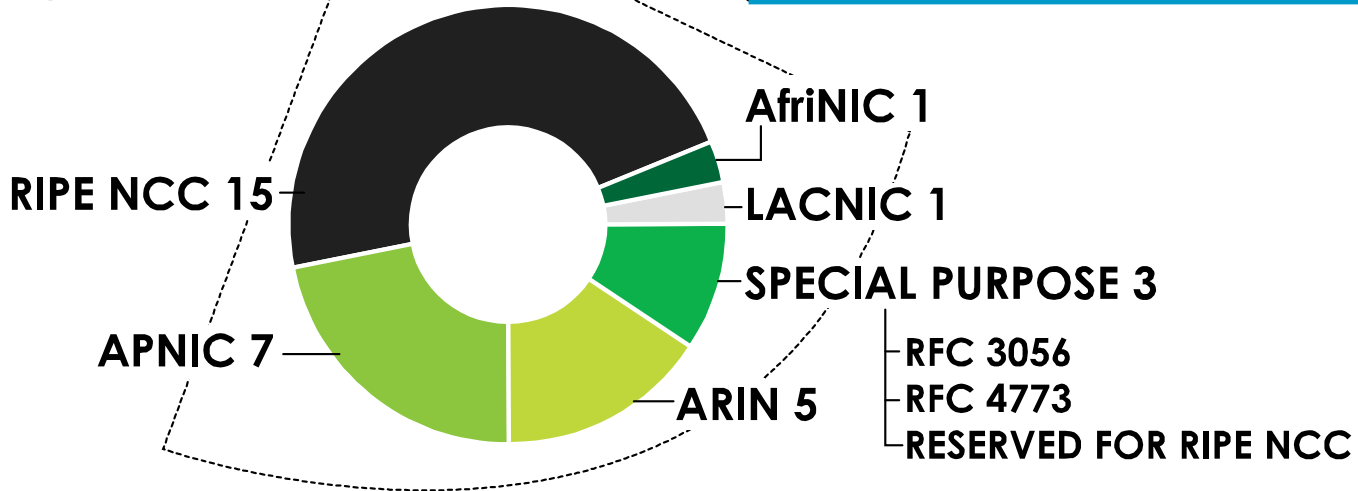
How much has been allocated to the RIRs?

ALL IPv6 SPACE



RIRs 5 /12s (October 2006)

RIR	IPv6 ADDRESS
AfriNIC	2C00:0000::/12
APNIC	2400:0000::/12
ARIN	2600:0000::/12
LACNIC	2800:0000::/12
RIPE NCC	2A00:0000::/12

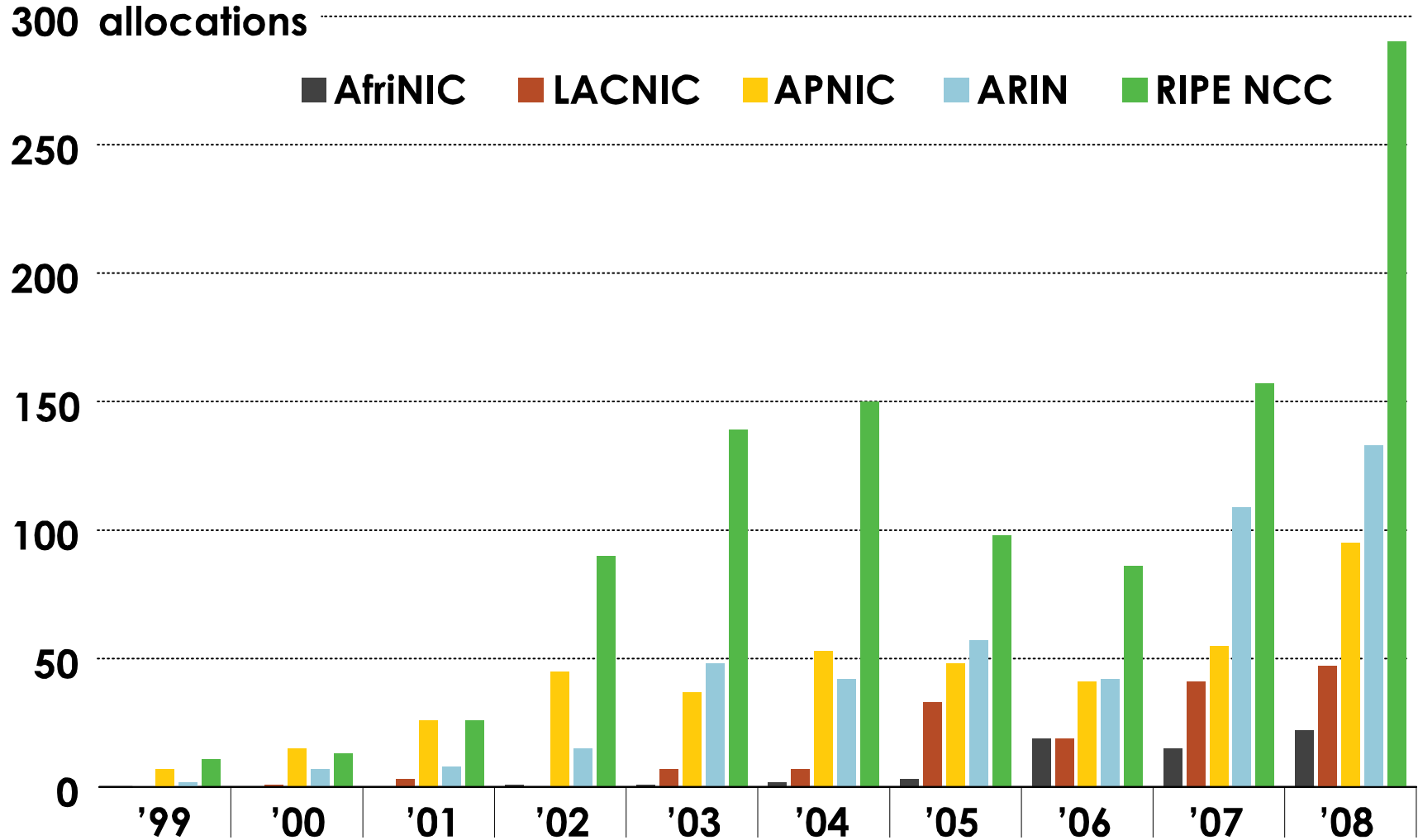


2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 129.12.02.02 2001-610-240 193.0.0.203
 62.109.128 195.048.02.03 2001-610-240 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001-610-240 193.0.0.203
 193.0.0.203 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001-610-240 193.0.0.203
 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 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 62.109.128 195.048.02.03 128.12.02.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 28.19.19.22 2001:610:240 193.0.0.205 2001:610:240:0 193.0.0.202
193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.208
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 128.12.02.02 2001:610:240 193.0.0.203

Number Resource Organization

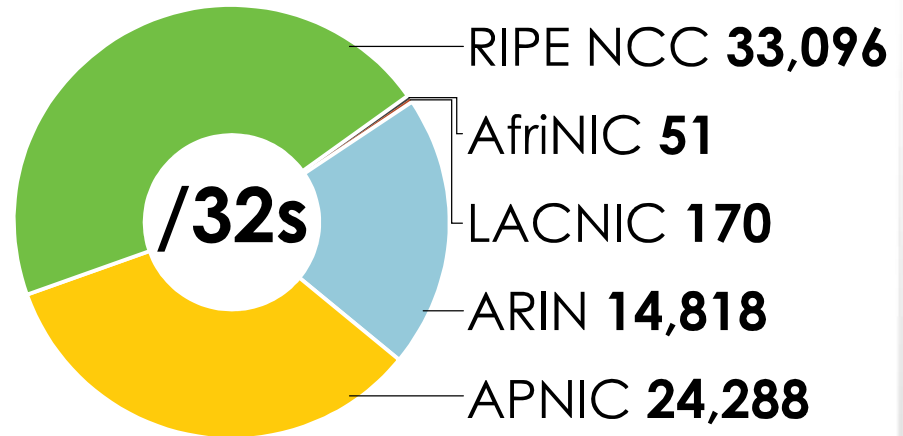
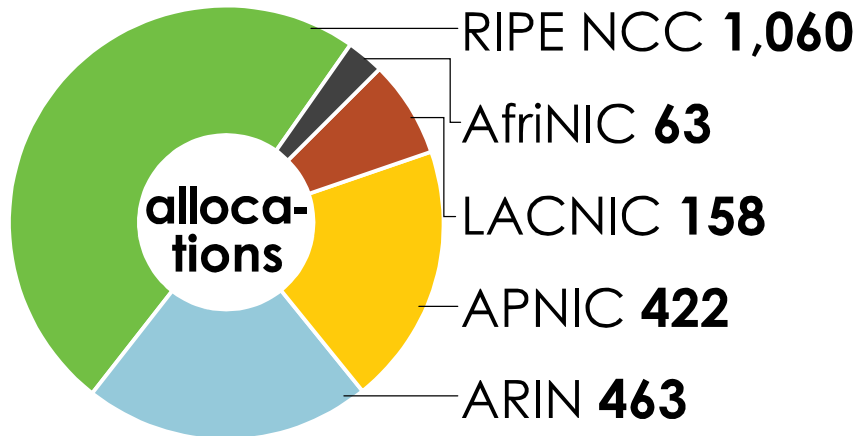


IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – Sept 2008)

How many total allocations have been made by each RIR?

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



2001-610-2400-193.0.0.202 62.109.128.195.048.02.03 129.12.02.02 2001-610-240 193.0.0.203
62.109.128.195.048.02.03 193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001-610-240 193.0.0.203
193.0.0.203 2001-610-240:0 193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001-610-240 193.0.0.203
2001-610-240:0 193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001-610-240 193.0.0.203
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
193.0.0.203
2001:610:240:0-193.0.0.202
2001:610:240:0-193.0.0.202
62.109.128
195.048.02.03
178.12.09.02
2001:610:240
193.0.0.203
www.nro.net
Number Resource Organization



thank you

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
Number Resource Organization