



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

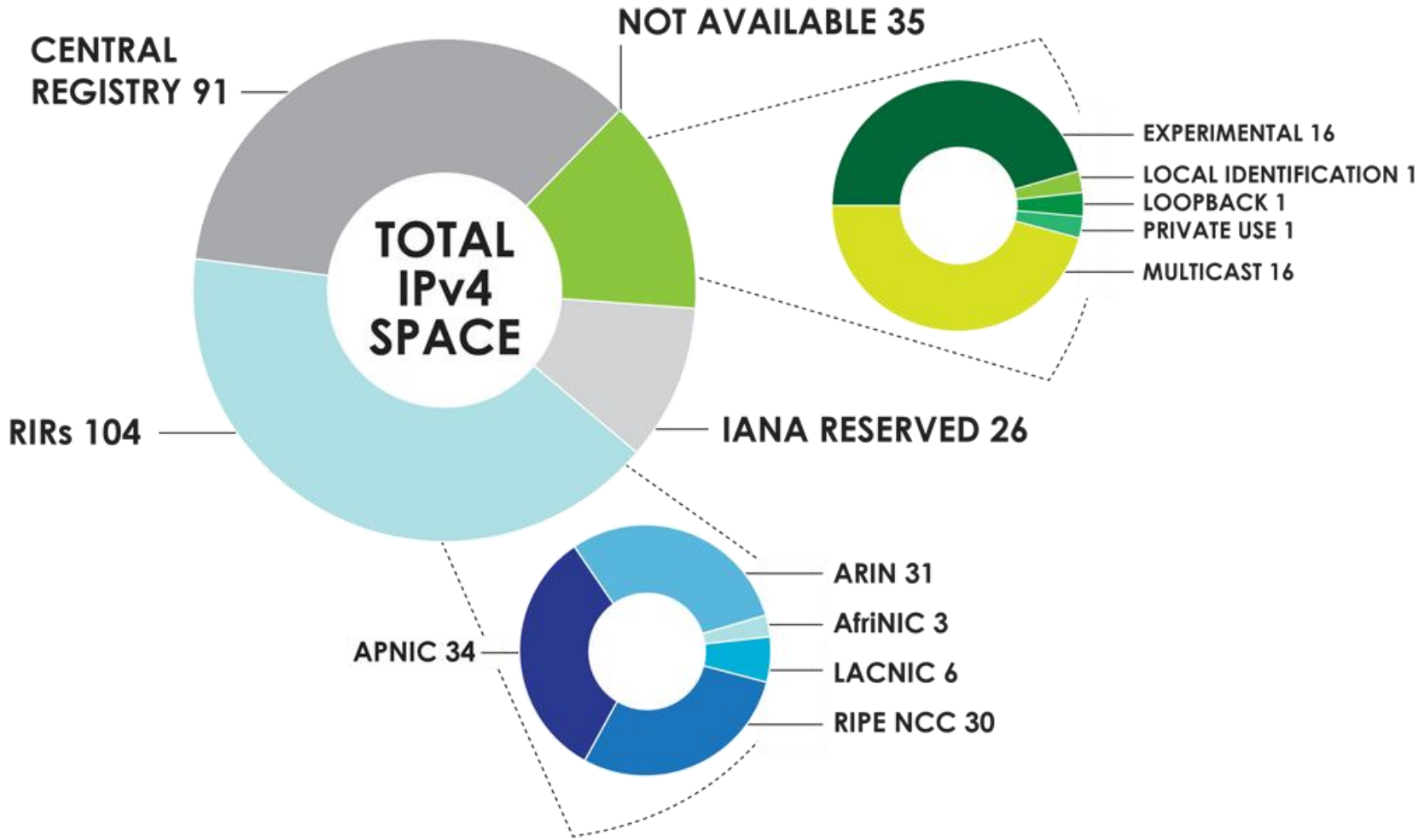
# INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 December 2009

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

# IPv4 ADDRESS SPACE

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



2001:610:240:0-193:0:0:202 62:109:128-195:0:0:0/3 178:12:0:0/2 2001:610:240-193:0:0:203  
62:109:128-195:0:0:0/3 2001:610:240-193:0:0:203  
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128-195:0:0:0/3 178:12:0:0/2 2001:610:240-193:0:0:203  
2001:610:240:0-193:0:0:202 62:109:128-195:0:0:0/3 178:12:0:0/2 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 issue by year?

6 /8s

5

4

3

2

1

0

AfriNIC APNIC ARIN LACNIC RIPE NCC

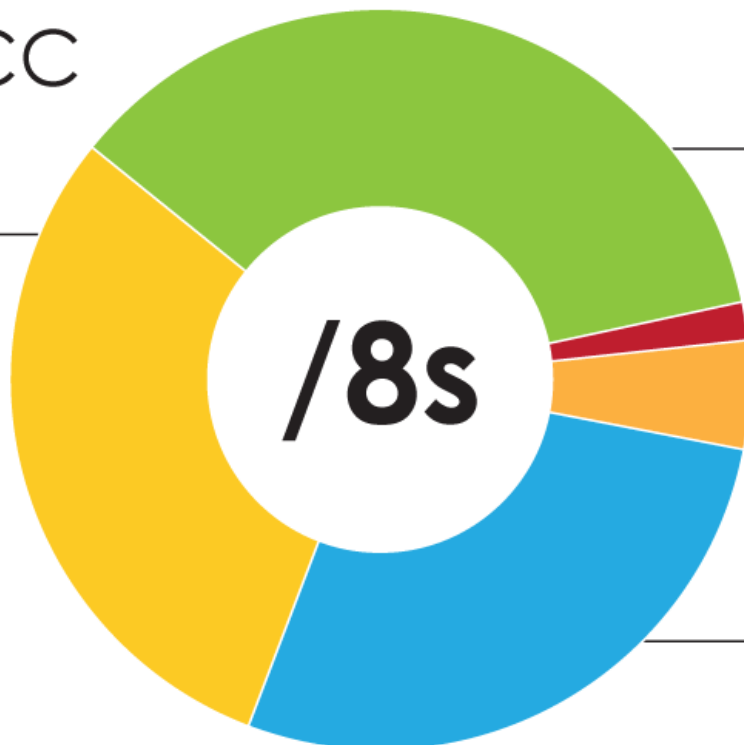
'99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09

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  
62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.202  
193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
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 ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR issued?  
(Jan 1999 – Dec 2009)

RIPE NCC  
**25.69**



APNIC **30.74**

AfriNIC **1.24**

LACNIC **4.19**

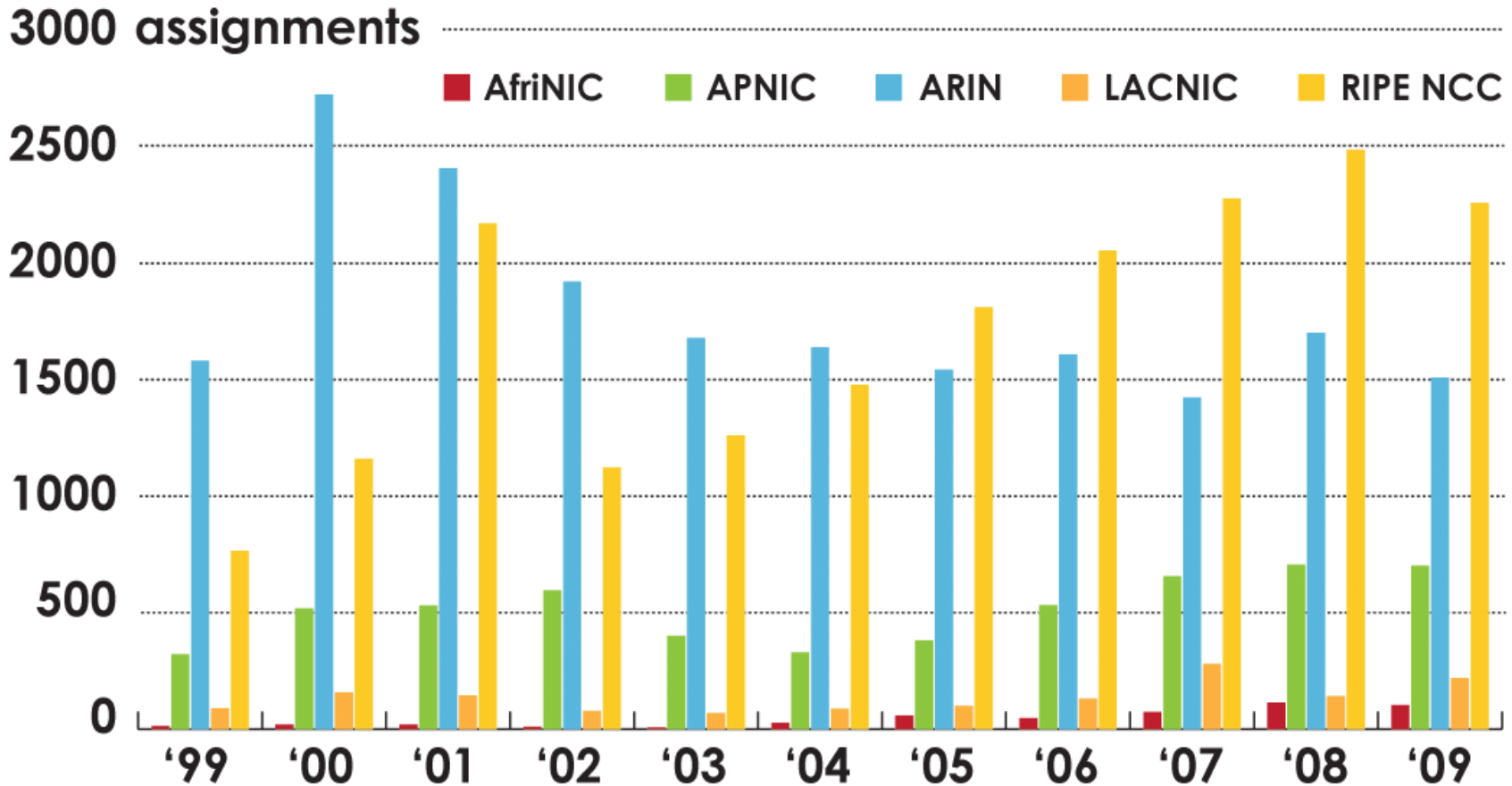
ARIN **23.51**

Number Resource Organization  
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  
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  
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



# ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?



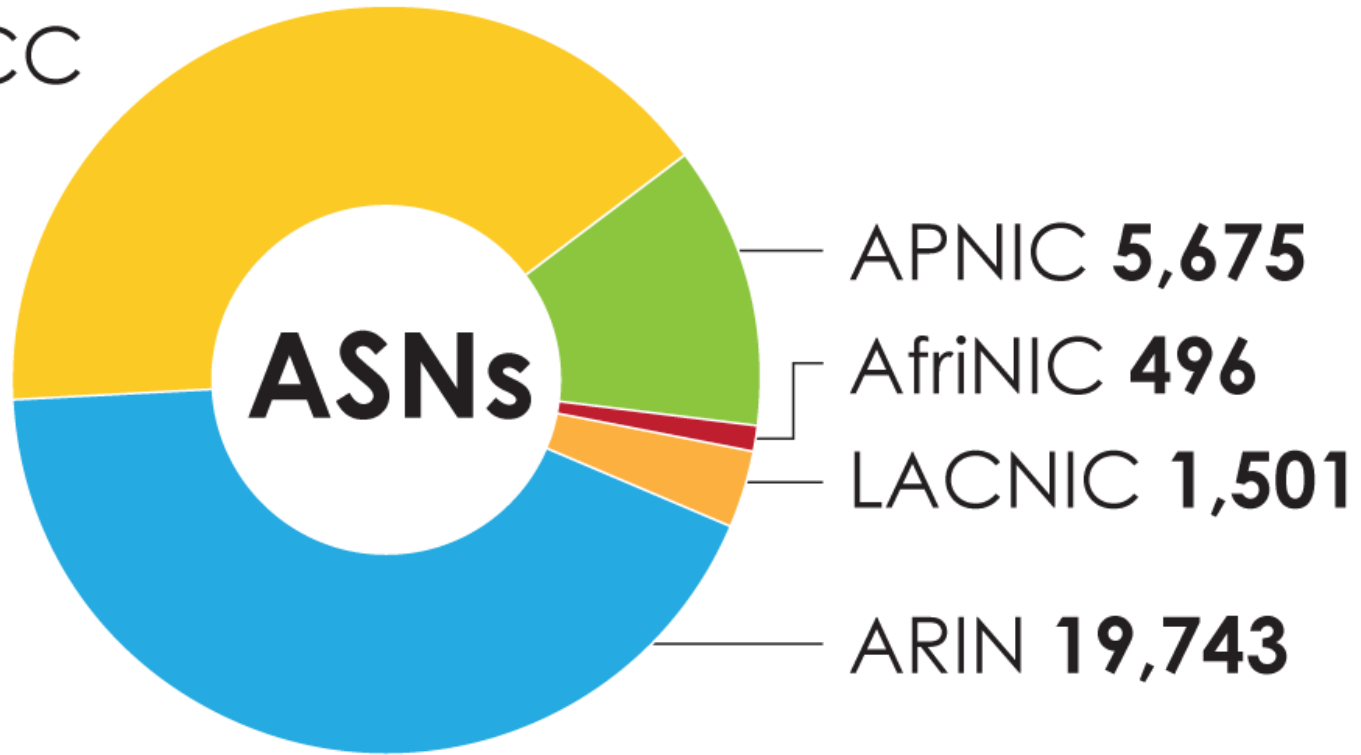
1933.0.0.202 62.109.128.195.048.02.03.178.12.02.02 2001.610.240.193.0.0.203  
 1933.0.0.203 2001.610.240.0.193.0.0.202 62.109.128.195.048.02.03.178.12.02.02 2001.610.240.193.0.0.203  
 2001.610.240.0.193.0.0.202 62.109.128.195.048.02.03.178.12.02.02 2001.610.240.193.0.0.203  
 Number Resource Organization



# ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?  
(Jan 1999 – Dec 2009)

RIPE NCC  
**18,851**



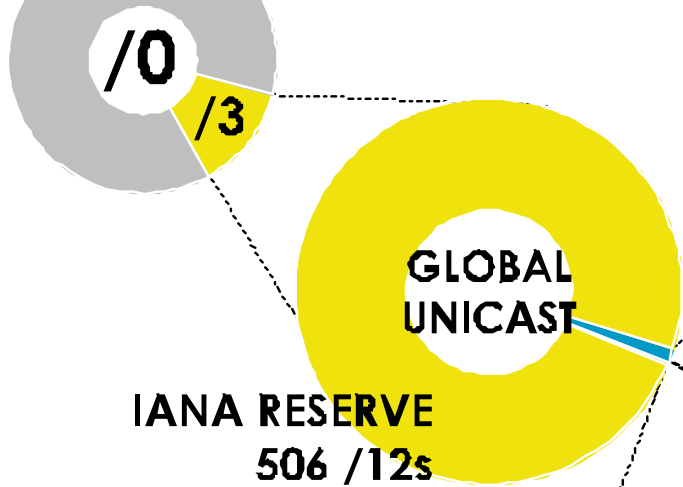
2001:610:240:0-193.0.0.202 62.109.128.195:048.02.03 128.12.02.02 2001:610:240 193.0.0.203  
62.109.128.195:048.02.03 2001:610:240-193.0.0.205 2001:610:240-0 193.0.0.202  
193.0.0.203 2001:610:240:0-199.0.0.202 62.109.128.195:048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
2001:610:240-0 193.0.0.202 62.109.128.195:048.02.03 2001:610:240-0 193.0.0.202  
Number Resource Organization



# IPv6 ADDRESS SPACE

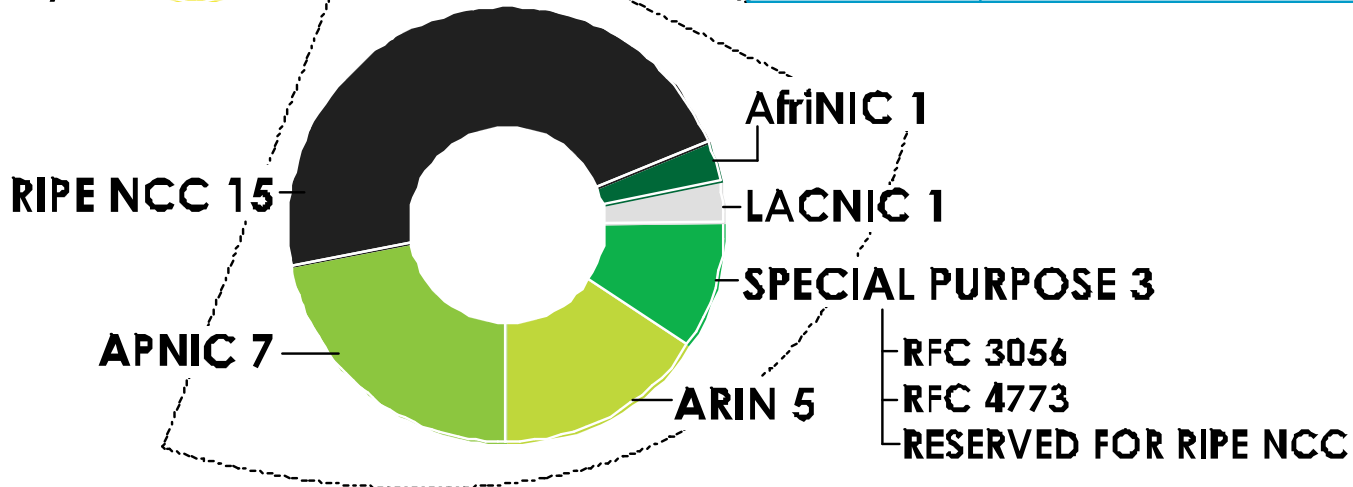
How much has been allocated to the RIRs?

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



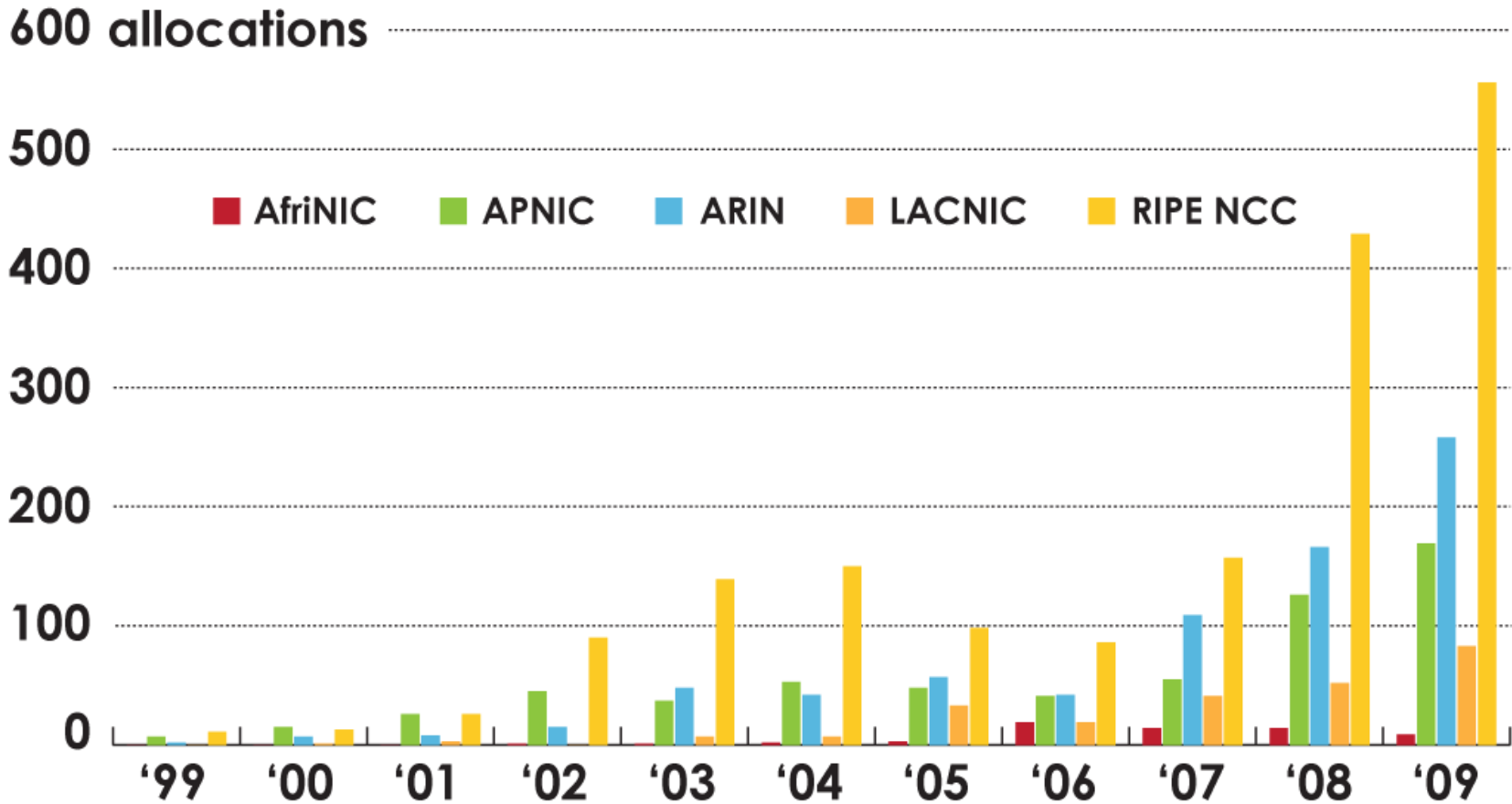
2001:610:2400:193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
 62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
 193.0.0.203 2001:610:240:0 199.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
 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





# IPv6 Allocations RIRs to LIRs/ISPs

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

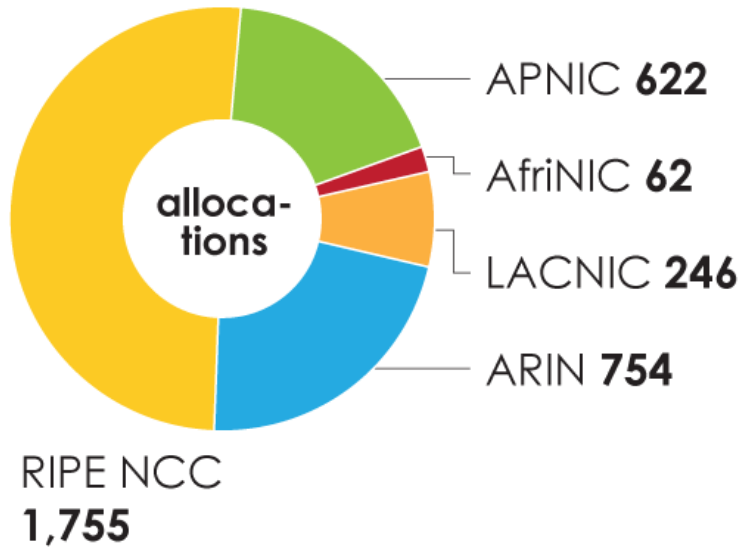


Number Resource Organization  
1993.0.0.203  
2001.6.10.240  
193.0.0.202  
62.109.128  
195.048.02.03  
193.0.0.205  
2001.6.10.240  
193.0.0.202  
62.109.128  
195.048.02.03  
178.12.09.02  
2001.6.10.240  
193.0.0.203  
2001.6.10.240  
193.0.0.202  
62.109.128  
195.048.02.03  
2001.6.10.240  
193.0.0.203  
2001.6.10.240  
193.0.0.202  
62.109.128  
195.048.02.03  
2001.6.10.240  
193.0.0.203

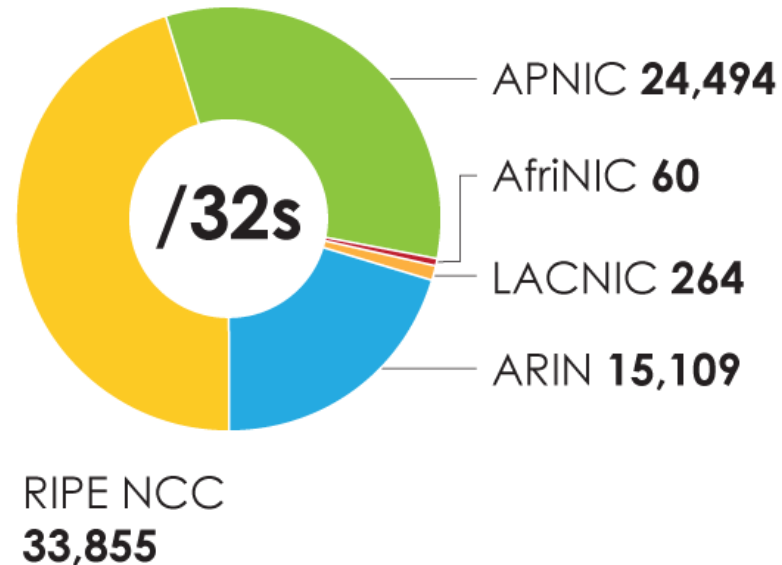
# IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – Dec 2009)

How many total allocations have been made by each RIR?



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





# LINKS TO RIR STATISTICS

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

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



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